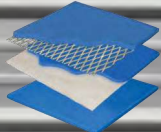
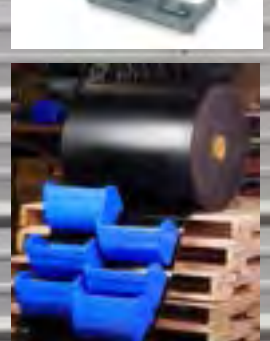


PREMIER COMPONENTS, INC.

3984 W. Monroe Road Alma, Michigan

2024 Catalog

☎ 877-681-3064 ☎
www.premier-com.com



CONTACT PREMIER FOR ALL YOUR
BIN UNLOAD NEEDS



"Your #1 Source for Mill Accessories"



02.22.24
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TERMS AND CONDITIONS OF SALE:



ALL PRICES F.O.B. SHIPPING POINT
 ACCOUNTS PAST DUE BEYOND 30 DAYS ARE SUBJECT TO A MONTHLY 1½% FINANCE CHARGE
 MINIMUM ORDER AMOUNT IS NOT APPLICABLE
 ALL RETURNED ITEMS ARE SUBJECT TO RESTOCKING CHARGES
 PRICES AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE



Jake

Denyce

Brent

Tom

Tia

Jake

Tim

Luke

Brad



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PREMIER COMPONENTS

Premier Components began in 2004 with the goal of being the leader in Grain Handling and Mill Accessories. We have achieved that goal by gaining the respect and loyalty of our customers, many of which have grown with us.

We sincerely THANK YOU for your continued business.

Building long term customer relationships is the foundation of our success. Our commitment to you is to provide on time deliveries, exceptional customer service, and quality products all at a competitive price.

PREMIER COMPONENTS

We maintain competitive pricing that will help you spend those saved dollars within your local community to support businesses and families. We hope your experience with Premier Components has given you the confidence in us to grow your business and prosper.

Please visit our website at www.premier-com.com to view our gallery of completed components, meet our team and also view our current catalog.

We appreciate your business!


PREMIER
COMPONENTS, INC.

ROUND SPOUTING

PREMIER COMPONENTS SPOUTING IS FIRST RUN MATERIAL - NO SECONDS!

ALL SPOUTING IS AVAILABLE IN 20' OR 40' LENGTHS.

Premier Components, Inc. has the best spouting and accessory prices in the industry. Contact us for

GALVANIZED ROUND SPOUTING

SIZE	PRICE PER FOOT					
	14ga.	12ga.	11ga.	10ga.	7ga.	1/4"
4"	☆	☆				
5"	☆	☆				
6"	☆	☆		☆	☆	
8"	☆	☆	☆	☆	☆	☆
10"		☆	☆	☆	☆	☆
12"		☆		☆	☆	☆
14"				☆	☆	☆
16"				☆	☆	☆
18"						☆
20"						☆
24"						☆

PLEASE CALL FOR PRICING ON HIGHLIGHTED SIZES

CARBON STEEL ROUND SPOUTING

SIZE	PRICE PER FOOT						
	14ga.	12ga.	11ga.	10ga.	7ga.	1/4"	0.219
4"	Call	Call		☆			
5"	Call	Call		Call			
6"	Call	Call	Call	☆	☆		
8"	Call	Call	Call	☆	☆	☆	
10"			Call	☆	☆	☆	
12"		Call		☆	☆	☆	
14"		Call		☆	☆	☆	☆
16"		Call		☆	☆	☆	
18"						☆	
20"						☆	
24"						Call	

PLEASE CALL FOR PRICING ON HIGHLIGHTED SIZES

STAINLESS STEEL SPOUTING

SIZE	PRICE PER FOOT			
	14ga.	12ga.	11ga.	10ga.
4"	Call	Call		Call
6"	Call	Call	☆	Call
8"	Call	Call	☆	☆
10"	Call	Call	☆	Call
12"	Call	Call	☆	Call
14"		Call		☆
16"		Call		☆



**SEE PAGE 16
FOR STAINLESS
STEEL
ACCESSORIES**

PRICES SUBJECT TO CHANGE GIVEN VOLATILITY OF STEEL PRICES AND CURRENT INVENTORY LEVELS.

TUFF-TUBE SPOUT LINERS



Tuff-Tube is an innovative, wear-resistant, seamless, polyurethane spout liner that comes in any size diameter, up to 20' lengths for new or existing spouting applications. This exciting new product is a replacement slip-in urethane liner that counters material wear to spout lining—saving time and money and extending useful life of equipment by reducing down time. Worn liner can be rotated 120° - 180° to present additional wear surface. Completely used liner can be removed and replaced using the same spout. Contact Premier Components for pricing, availability and further specifications.

ROUND SPOUTING CAPACITY APPROXIMATIONS		
SIZE	in ²	BPH
6"	28.3	1,960
8"	50.3	3,500
10"	78.5	5,460
12"	113.1	7,910
14"	154.0	10,780
16"	201.1	14,000
18"	254.5	17,780
20"	314.2	21,980
24"	452.3	31,500

SIDEWALL THICKNESS	
14ga. =	0.0747"
12ga. =	0.1046"
11ga. =	0.125"
10ga. =	0.1345"
7ga. =	0.1793"
1/4" =	0.25"

O.D. SIZE	ROUND SPOUTING WEIGHTS POUNDS PER LINEAL FOOT					
	14ga.	12ga.	11ga.	10ga.	7ga.	1/4"
4"	3.2	4.5		5.7		
5"	4.0	5.6		7.2		
6"	4.8	6.8		8.6	11.6	15.3
6-5/8"				9.6		
7"		7.9		10.1		
8"	6.5	9.0	10.3	11.6	15.6	20.7
8-5/8"				12.1	16.9	
10"		11.3	12.8	14.5	19.7	26.0
10-3/4"				15.6	21.2	
12"		13.3		17.5	23.7	31.4
12-3/4"				18.6	25.2	
14"		15.9		20.4	27.7	36.7
16"		18.2		23.4	31.7	42.1
18"						48.0
20"						53.0
24"						64.0

SEE PAGE 29 FOR SPOUT VELOCITY RECOMMENDATIONS.

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ROUND SPOUT TRUSS KITS

2

GALVANIZED ROUND SPOUT TRUSS KITS

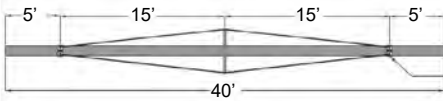
SPOUT KIT SIZE	40ft. KIT		60ft. KIT		80ft. KIT		100ft. KIT	
	w/cable	w/o cable	w/cable	w/o cable	w/cable	w/o cable	w/cable	w/o cable
6"	★	★	★	★	★	★	★	★
8"	★	★	★	★	★	★	★	★
10"	★	★	★	★	★	★	★	★
12"	★	★	★	★	★	★	★	★
14"	★	★	★	★	★	★	★	★
★ 16"	★	★	★	★	★	★	★	★
★ 18"	★	★	★	★	★	★	★	★
★ 20"	★	★	★	★	★	★	★	★
★ 24"	★	★	★	★	★	★	★	★

6"-14" have 3/8" cable and 5/8x9 Turnbuckles ★ 16", 18", 20" & 24" truss kits have 1/2" cable and 3/4x12 turnbuckles



40 Ft. Truss Kit / Contents:

- * (1) Small 48" Star Assembly
 - (4) Extension Arms
 - (4) Connection Angles
 - (4) Cable clamps
 - (8) Attaching Hardware
- * (2) End Anchors (4pcs + Hardware)
- * (4) Turnbuckles
- * (16) Wire Clamps
- * 150' Aircraft Cable

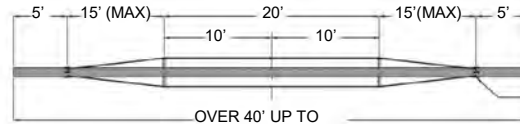


ALL END ANCHORS
TO BE FIELD WELDED
TO SPOUT

40' spout truss kits should be installed with approximate dimensions shown above.

60 Ft. Truss Kit / Contents:

- * (2) Small 48" Star Assemblies
 - (8) Extension Arms
 - (8) Connection Angles
 - (8) Cable clamps
 - (16) Attaching Hardware
- * (2) End Anchors (4pcs + Hardware)
- * (4) Turnbuckles
- * (16) Wire Clamps
- * 250' Aircraft Cable

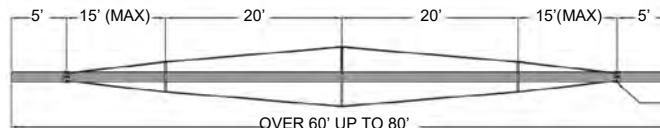


ALL END ANCHORS
TO BE FIELD WELDED
TO SPOUT

60' spout truss kits should be installed with approximate dimensions shown above.

80 Ft. Truss Kit / Contents:

- * (1) Medium 80" Star Assembly
 - (4) Extension Arms
 - (4) Connection Angles
 - (4) Cable clamps
 - (8) Attaching Hardware
- * (2) small 48" Star Assemblies
 - (8) Extension Arms
 - (8) Connection Angles
 - (8) Cable clamps
 - (16) Attaching Hardware
- * (2) End Anchors (4pcs + Hardware)
- * (4) Turnbuckles
- * (16) Wire Clamps
- * 300' Aircraft Cable

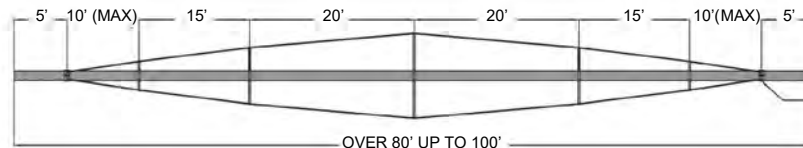


ALL END ANCHORS
TO BE FIELD WELDED
TO SPOUT

80' spout truss kits should be installed with approximate dimensions shown above.

100 Ft. Truss Kit / Contents:

- * (1) Large 104" Star Assembly
 - (4) Extension Arms
 - (4) Connection Angles
 - (4) Cable clamps
 - (8) Attaching Hardware
- * (2) Medium 80" Star Assemblies
 - (8) Extension Arms
 - (8) Connection Angles
 - (8) Cable clamps
 - (16) Attaching Hardware
- * (2) Small 48" Star Assemblies
 - (8) Extension Arms
 - (8) Connection Angles
 - (8) Cable clamps
 - (16) Attaching Hardware
- * (2) End Anchors (4pcs + Hardware)
- * (4) Turnbuckles
- * (16) Wire Clamps
- * 400' Aircraft Cable



ALL END ANCHORS
TO BE FIELD WELDED
TO SPOUT

100' spout truss kits should be installed with approximate dimensions shown above.

For 6", 8" or 10" Truss Kits		Small 48"	Medium 80"	Large 104"
Extension Arms		33"	53"	70"
Connection Angles		48"	80"	104"
For 12", 14" or 16" Truss Kits		Small 48"	Medium 80"	Large 104"
Extension Arms		30"	51"	68"
Connection Angles		48"	80"	104"
For 18", 20" or 24" Truss Kits		Small 48"	Medium 80"	Large 104"
Extension Arms		27"	49"	66"
Connection Angles		48"	80"	104"

★ 18", 20" and 24" kits include 1/2" cable and 3/4" turnbuckles. Large 104" truss kits require additional angles be attached.

GALVANIZED STAR ASSEMBLIES (Includes Center Spout Saddle)

Size	48"	80"	104"
6"	★	★	★
8"	★	★	★
10"	★	★	★
12"	★	★	★

Size	48"	80"	104"
14"	★	★	★
16"	★	★	★
18"	★	★	★
20"	★	★	★
24"	★	★	★

GALVANIZED END ANCHORS

Truss Kits are *not* designed for spout runs longer than 100'.

Call factory for recommendations for spout runs longer than 100'.



SPOUT	PRICE PER SPOUT END
6"	★
8"	★
10"	★
12"	★
14"	★
16"	★
18"	★
20"	★
24"	★

GALVANIZED ROUND SPOUT TRUSS KITS & COMPONENTS

ADJUSTABLE ELBOWS

PREMIER PROVIDES HOT DIPPED GALVANIZED FINISH FOR BETTER CORROSION RESISTANCE AND LONGER ELBOW LIFE.



SIZE	CONSTRUCTION	22½°	45°	67½°
4"	11ga. Painted	☺	☺	☺
	11ga. Galvanized	☺	☺	☺
6"	10ga. Painted	☺	☺	☺
	10ga. Galvanized	☺	☺	☺
	7ga. Painted	N/A	N/A	N/A
	7ga. Galvanized	☺	☺	☺
	10ga. Urethane Lined Painted	☺	☺	☺
	10ga. Urethane Lined Galv.	☺	☺	☺
	10ga. Ceramic Lined Painted	☺	☺	☺
	10ga. Ceramic Lined Galv.	☺	☺	☺
	10ga AR Lined Painted	☺	☺	☺
	10ga AR Lined Galv.	☺	☺	☺
8"	10ga. Painted	☺	☺	☺
	10ga. Galvanized	☺	☺	☺
	7ga. Painted	☺	☺	☺
	7ga. Galvanized	☺	☺	☺
	1/4" Painted	☺	☺	☺
	1/4" Galvanized	☺	☺	☺
	10ga. Urethane Lined Painted	☺	☺	☺
	10ga. Urethane Lined Galv.	☺	☺	☺
	10ga. Ceramic Lined Painted	☺	☺	☺
	10ga. Ceramic Lined Galv.	☺	☺	☺
10"	10ga. Painted	☺	☺	☺
	10ga. Galvanized	☺	☺	☺
	7ga. Painted	☺	☺	☺
	7ga. Galvanized	☺	☺	☺
	1/4" Painted	☺	☺	☺
	1/4" Galvanized	☺	☺	☺
	10ga. Urethane Lined Painted	☺	☺	☺
	10ga. Urethane Lined Galv.	☺	☺	☺
	10ga. Ceramic Lined Painted	☺	☺	☺
	10ga. Ceramic Lined Galv.	☺	☺	☺
12"	10ga. Painted	N/A	N/A	N/A
	10ga. Galvanized	N/A	N/A	N/A
	7ga. Painted	☺	☺	☺
	7ga. Galvanized	☺	☺	☺
	1/4" Painted	☺	☺	☺
	1/4" Galvanized	☺	☺	☺
	10ga. Urethane Lined Painted	☺	☺	☺
	10ga. Urethane Lined Galv.	☺	☺	☺
	7ga. Ceramic Lined Painted	☺	☺	☺
	7ga. Ceramic Lined Galv.	☺	☺	☺
14"	10ga. Painted	N/A	N/A	N/A
	10ga. Galvanized	N/A	N/A	N/A
	7ga. Painted	☺	☺	☺
	7ga. Galvanized	☺	☺	☺
	1/4" Painted	☺	☺	☺
	1/4" Galvanized	☺	☺	☺
	10ga. Urethane Lined Painted	☺	☺	☺
	10ga. Urethane Lined Galv.	☺	☺	☺
	7ga. Ceramic Lined Painted	☺	☺	☺
	7ga. Ceramic Lined Galv.	☺	☺	☺

SIZE	CONSTRUCTION	22½°	45°	67½°
16"	10ga. Painted	N/A	N/A	N/A
	10ga. Galvanized	N/A	N/A	N/A
	7ga. Painted	☺	☺	☺
	7ga. Galvanized	☺	☺	☺
	1/4" Painted	☺	☺	☺
	1/4" Galvanized	☺	☺	☺
	10ga. Urethane Lined Painted	☺	☺	☺
	10ga. Urethane Lined Galv.	☺	☺	☺
	7ga. Ceramic Lined Painted	☺	☺	☺
	7ga. Ceramic Lined Galv.	☺	☺	☺
18"	7ga. AR Lined Painted	☺	☺	☺
	7ga. AR Lined Galv.	☺	☺	☺
	7ga. Painted	☺	☺	☺
	7ga. Galvanized	☺	☺	☺
	1/4" Painted	☺	☺	☺
	1/4" Galvanized	☺	☺	☺
	7ga. Urethane Lined Painted	☺	☺	☺
	7ga. Urethane Lined Galv.	☺	☺	☺
	7ga. Ceramic Lined Painted	☺	☺	☺
	7ga. Ceramic Lined Galv.	☺	☺	☺
20"	7ga. AR Lined Painted	☺	☺	☺
	7ga. AR Lined Galv.	☺	☺	☺
	7ga. Painted	☺	☺	☺
	7ga. Galvanized	☺	☺	☺
	1/4" Painted	☺	☺	☺
	1/4" Galvanized	☺	☺	☺
	7ga. Urethane Lined Painted	☺	☺	☺
	7ga. Urethane Lined Galv.	☺	☺	☺
	7ga. Ceramic Lined Painted	☺	☺	☺
	7ga. Ceramic Lined Galv.	☺	☺	☺
22"	7ga. AR Lined Painted	☺	☺	☺
	7ga. AR Lined Galv.	☺	☺	☺
	7ga. Painted	☺	☺	☺
	7ga. Galvanized	☺	☺	☺
	1/4" Painted	☺	☺	☺
	1/4" Galvanized	☺	☺	☺
	7ga. Urethane Lined Painted	☺	☺	☺
	7ga. Urethane Lined Galv.	☺	☺	☺
	7ga. Ceramic Lined Painted	☺	☺	☺
	7ga. Ceramic Lined Galv.	☺	☺	☺
24"	7ga. AR Lined Painted	☺	☺	☺
	7ga. AR Lined Galv.	☺	☺	☺
	7ga. Painted	☺	☺	☺
	7ga. Galvanized	☺	☺	☺
	1/4" Painted	☺	☺	☺
	1/4" Galvanized	☺	☺	☺
	7ga. Urethane Lined Painted	☺	☺	☺
	7ga. Urethane Lined Galv.	☺	☺	☺
	7ga. Ceramic Lined Painted	☺	☺	☺
	7ga. Ceramic Lined Galv.	☺	☺	☺
SIZE	PIPE SIZE CONSTRUCTION	22½°	45°	67½°
6-5/8"	7ga. Painted	☺	☺	☺
	7ga. Galvanized	☺	☺	☺
8-5/8"	7ga. Painted	☺	☺	☺
	7ga. Galvanized	☺	☺	☺
10-3/4"	7ga. Painted	☺	☺	☺
	7ga. Galvanized	☺	☺	☺
12-3/4"	7ga. Painted	☺	☺	☺
	7ga. Galvanized	☺	☺	☺

All 45° elbows include a clamp band with hardware.

All 67 1/2° elbows include (2) clamp bands with hardware.

See Page 16 for stainless steel pricing. See page 33 for dimensional information.

BASICCLAMP

Our BasicClamp clamp bands are still very economical and uncomplicated. BasicClamp is an excellent choice when assembly area is easy to negotiate around and when flanges cooperate. BasicClamps often do leave a bit to be desired in the "bolt in my left pocket, right hand free department" that leaves you wishing you had that third hand far too often. Premier now offers some new innovations that are sure to come in handy.



GALVANIZED CLAMP BANDS WITH HARDWARE

Spout Size	BasicClamp	
Ø	Galvanized	Lbs
4"	★	1.5
6"	★	1.7
8"	★	2.1
10"	★	2.5
12"	★	3.3

Spout Size	BasicClamp	
Ø	Galvanized	Lbs
14"	★	27.4
16"	★	6.6
18"	★	7.9
20"	★	9.9
24"	★	11.0

Pipe Size	BasicClamp	
Ø	Galvanized	Lbs
6-5/8"	★	1.8
8-5/8"	★	2.2
10-3/4"	★	2.7
12-3/4"	★	3.6

SEE PAGE 16 FOR STAINLESS STEEL BASIC CLAMP BAND PRICING.

QUICKCLAMP

QuickClamp clamp bands feature a lever system handle that allows for quick locking and unlocking of flanges. The closing lever system is designed with a cotter pin lock to avoid accidental opening. Locking and unlocking is performed with one hand and is ideal for tough to reach areas or where frequent maintenance is required. Contact Premier Components today to see how much money you can save in assembly time by purchasing QuickClamp clamp bands for your next project.



GALVANIZED QUICKCLAMP CLAMP BANDS WITH HARDWARE

Spout Size	QuickClamp	
Ø	Galvanized	Lbs
6"	★	5.1
8"	★	6.0

Spout Size	QuickClamp	
Ø	Galvanized	Lbs
10"	★	7.0
12"	★	8.7



Also offering Morris Couplers.
Contact Premier Components for pricing



SPOUT SADDLES



PIPE SLEEVES



24" Long Weld Style Pipe Sleeves		
SIZE	Galvanized	Carbon Steel
6"	★	★
8"	★	★
10"	★	★
12"	★	★
14"	★	★
16"	★	★
18"	★	★

24" Long Bolted With Hardware		
SIZE	Galvanized	Carbon Steel
6"	★	★
8"	★	★
10"	★	★
12"	★	★
14"	★	★
16"	★	★
18"	★	★

SPOUT SADDLES - 8" LONG, 10ga. WITH HARDWARE

SIZE	Galvanized	Carbon Steel
6"	★	★
8"	★	★
10"	★	★
12"	★	★
14"	★	★
16"	★	★
18"	★	★



LIGHT ANGLE FLANGE RINGS

SIZE	PRICE
8"	1-1/4" x 1/8" ☆
10"	1-1/4" x 1/8" ☆

HEAVY ANGLE FLANGE RINGS

SIZE	PRICE
16"	1-3/4" x 3/16" ☆
18"	1-3/4" x 3/16" ☆
20"	1-3/4" x 3/16" ☆
22"	1-3/4" x 3/16" ☆
24"	1-3/4" x 3/16" ☆



PIPE SIZE FLANGE RINGS

SIZE	Flat Flange	Angle Iron
6-5/8"	1-1/4" x 3/16" ☆	☆
8-5/8"	1-1/4" x 3/16" ☆	☆
10-3/4"	1-1/2" x 3/16" ☆	☆
12-3/4"	1-1/2" x 3/16" ☆	☆



FLAT FLANGE RINGS

SIZE (CARBON STEEL)	PRICE
4"	1-1/4" x 3/16" ☆
6"	1-1/4" x 3/16" ☆
8"	1-1/4" x 3/16" ☆
10"	1-1/4" x 3/16" ☆
12"	1-1/2" x 3/16" ☆
14"	1-1/2" x 3/16" ☆
16"	1-1/2" x 3/16" ☆
18"	1-1/2" x 3/16" ☆
20"	1-1/2" x 3/16" ☆
22"	1-1/2" x 3/16" ☆

ANGLE FLANGE RINGS

NATIONAL STANDARD PUNCHED

DIA.	MATERIAL	PRICE	GALVANIZED
3"	10ga. PRESSED ANGLE	☆	
4"		☆	
5"		☆	
6"	1 1/4" x 1 1/4" x 1/8"	☆	☆
7"	1 1/4" x 1 1/4" x 3/16" ROLLED ANGLE	Call	
8"		☆	
9"		Call	
10"		☆	
11"		Call	
12"	1 1/2" x 1 1/2" x 3/16" ROLLED ANGLE	☆	☆
13"		Call	
14"		☆	☆
15"		Call	
16"		☆	☆
17"		Call	
18"		☆	☆
19"		Call	
20"		☆	
21"		Call	
22"		☆	
23"		Call	
24"		☆	
25"	2" x 2" x 3/16" ROLLED ANGLE	Call	
26"		☆	
27"		Call	
28"		☆	
29"		Call	
30"		☆	



SQUARE FLANGES

SIZE	FLAT CARBON STEEL	FLAT GALVANIZED	ANGLE IRON CARBON STEEL	ANGLE IRON GALVANIZED
4"	1-1/4" x 3/16" ☆			
6"	1-1/4" x 3/16" ☆	☆	☆	☆
8"	1-1/4" x 3/16" ☆	☆	☆	☆
10"	1-1/4" x 3/16" ☆	☆	☆	☆
12"	1-1/2" x 3/16" ☆	☆	☆	☆
14"	1-1/2" x 3/16" ☆	☆	☆	☆
16"	1-1/2" x 3/16" ☆	☆	☆	☆
18"	1-1/2" x 3/16" ☆	☆	☆	☆
20"	1-1/2" x 3/16" ☆	☆	☆	☆
22"	1-1/2" x 3/16" ☆	☆	☆	☆
24"	1-1/2" x 3/16" ☆	☆	☆	☆
26"	2" x 3/16" ☆	☆	☆	☆
28"	2" x 3/16" ☆	☆	☆	☆



HEAVY DUTY SQUARE ANGLE FLANGES

HD SIZE	ANGLE IRON CARBON STEEL
6"	1 1/4" x 1/4" ☆
8"	1 1/4" x 1/4" ☆
10"	1 1/4" x 1/4" ☆
12"	1 1/2" x 1/4" ☆
14"	1 1/2" x 1/4" ☆
16"	1 1/2" x 1/4" ☆
18"	1 1/2" x 1/4" ☆
20"	1 1/2" x 1/4" ☆
24"	1 1/2" x 1/4" ☆
28"	2" x 1/4" ☆
30"	2" x 1/4" ☆

Z.R.C. GALVANIZING PAINT



GENERAL PROPERTIES: ZRC® is a high-quality cold galvanizing compound based on a trade secret organic binder which affords true galvanic anti-corrosion protection to metals. The dried film of ZRC is 95% metallic zinc. Because of the uniqueness of the formulation, ZRC is the only coating of its type to be recognized under the Component Program of Underwriter's Laboratories, Inc.

RECOMMENDED USES: ZRC is widely used without topcoat in place of hot-dip galvanizing. Also used as a high-performance base coat with a variety of topcoats. Used for repair of damaged hot-dip galvanizing Galvalume® and zinc metallizing, reglazing worn hot-dip galvanizing, repair of weldments, and repair of damaged inorganic zinc coatings. Excellent for long-term protection of structural steel, water and waste facilities, power plants, transmission towers and antennae, steel decking and bridges, and numerous OEM uses.

SEE PAGE 16 FOR STAINLESS STEEL PRICING AND PAGE 32 FOR DIMENSIONAL INFORMATION.

CONTACT PREMIER COMPONENTS FOR GALVANIZED PRICING NOT SHOWN.

PREMIER COMPONENTS STOCKS THE
FOLLOWING LENGTHS OF CABLE:

150', 200', 250', 300, 400', 500', 1,000' & 5,000'



CABLE

DESCRIPTION	PRICE PER FOOT
3/16" DIAMETER	★
5/16" DIAMETER	★
3/8" DIAMETER	★
1/2" DIAMETER	★
5/8" DIAMETER	★



CABLE CLAMPS

DESCRIPTION	PRICE EACH
3/16" DIAMETER	★
5/16" DIAMETER	★
3/8" DIAMETER	★
1/2" DIAMETER	★
5/8" DIAMETER	★



TURNBUCKLES

DESCRIPTION	PRICE EACH
1/2" x 9" EYE & JAW	★
1/2" x 12" EYE & JAW	★
5/8" x 6" EYE & JAW	★
5/8" x 9" EYE & JAW	★
5/8" x 12" EYE & JAW	★
3/4" x 12" EYE & JAW	★
3/4" x 18" EYE & JAW	★



PRICES SAME FOR JAW & JAW STYLE

THIMBLES

DESCRIPTION	PRICE EACH
3/16" DIAMETER	★
5/16" DIAMETER	★
3/8" DIAMETER	★
1/2" DIAMETER	★
5/8" DIAMETER	★



CABLE HANDLES



CHAIN/CABLE GUIDE



10" CABLE
WHEEL 1" BORE



CHAIN & CABLE
LOCK



CABLE FOOTAGE COUNTER USED
ON CABLE 1/64" UP TO 7/8"



SIDE PULLEYS



HOT HOUSE PULLEYS



SINGLE EYE SWIVEL
PULLEYS



PREPAID FREIGHT APPLIES TO ALL SHIPMENTS
OVER 2,000 LBS. CALL PREMIER COMPONENTS
FOR MATERIAL PRODUCT WEIGHT INFORMATION.
ALL ITEMS ON THIS PAGE ARE GALVANIZED.

SQUARE SPOUTING

SEAM WELDED STYLE
SQUARE SPOUTING

SIZE	PRICE PER 10' SECTION - INCLUDES PRIMED FINISH							
	12ga. Unflanged	12ga. Flanged	10ga. Unflanged	10ga. Flanged	7ga. Unflanged	7ga. Flanged	1/4" Unflanged	1/4" Flanged
6"	☆	☆	☆	☆	☆	☆	☆	☆
8"	☆	☆	☆	☆	☆	☆	☆	☆
10"	☆	☆	☆	☆	☆	☆	☆	☆
12"	☆	☆	☆	☆	☆	☆	☆	☆
14"	☆	☆	☆	☆	☆	☆	☆	☆
16"	☆	☆	☆	☆	☆	☆	☆	☆
18"	☆	☆	☆	☆	☆	☆	☆	☆
20"	☆	☆	☆	☆	☆	☆	☆	☆
22"	10 ga.	10 ga.	☆	☆	☆	☆	☆	☆
24"	10 ga.	10 ga.	☆	☆	☆	☆	☆	☆
30"	10 ga.	10 ga.	☆	☆	☆	☆	☆	☆
36"	10 ga.	10 ga.	☆	☆	☆	☆	☆	☆

PLEASE CALL PREMIER FOR SHORTER SPOUT SECTIONS AND SIZES NOT LISTED.

ADD 20% FOR 10ga. & 7ga. GALVANIZED SEAM WELDED / 30% for 1/4" Wall

HD (Heavy Duty) 7ga. Body include 7ga. lids. All flanges will be punched per HD Square Spout flange punching pattern shown on page 32 with added holes for strength. All square spouts have extended bracing on the top and ends for added strength along with heavy duty square flanges.

REMOVABLE LID STYLE
SQUARE SPOUTING

SIZE	PRICE PER 10' SECTION - INCLUDES PRIMED FINISH (EXCEPT GALVANIZED)									
	Unlined	HD-7ga. AR lined	1/4" Urethane Blue	5/16" Urethane Blue	1/4" High Energy Orange	5/16" High Energy Orange	1/4" Kryptane Red	5/16" Kryptane Red	1/4" Ceramic Tile	Add for Galvanized
6" x 10ga.	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
8" x 10ga.	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
10" x 10ga.	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
12" x 10ga.	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
14" x 10ga.	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
16" x 10ga.	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
HD-16" (7ga.)	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
18" x 10ga.	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
HD-18" (7ga.)	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
20" x 10ga.	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
HD-20" (7ga.)	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
22" x 10ga.	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
HD-22" (7ga.)	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
24" x 10ga.	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
HD-24" (7ga.)	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
30" x 10ga.	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
HD-30" (7ga.)	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
36" x 10ga.	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
HD-36" (7ga.)	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆

6", 8" and 10" are manufactured with 1 1/4" x 1 1/4" x 1/4" flanges

12" - 24" are manufactured with 1 1/2" x 1 1/2" x 1/4" flanges

26" and larger are manufactured with 2" x 2" x 1/4" flanges

PLEASE CALL THE FACTORY FOR SHORTER SPOUT SECTIONS AND CUSTOM SIZES NOT LISTED ABOVE.

ALL LINED SPOUTS INCLUDE FULL WIDTH BOTTOM AND 2/3 OF EACH SIDE. SPECIAL 4-SIDED LINING IS AVAILABLE. AR LINERS ARE PLUG WELDED IN PLACE AND URETHANE LINERS ARE INSTALLED WITH ZINC PLATED ELEVATOR BOLTS.

SQUARE SPOUTING CAPACITY APPROXIMATIONS

SIZE	SQR IN	BPH	SIZE	SQR IN	BPH	SIZE	SQR IN	BPH	SIZE	SQR IN	BPH
6"	36	2,520	12"	144	10,080	18"	324	22,680	24"	576	40,320
8"	64	4,480	14"	196	13,720	20"	400	28,000	30"	900	63,000
10"	100	7,000	16"	256	17,920	22"	484	33,880	36"	1296	90,720

CONTACT PREMIER COMPONENTS FOR STAINLESS STEEL PRICING.

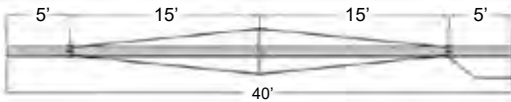
SEE PAGE 29 FOR SPOUT VELOCITY RECOMMENDATIONS.

GALVANIZED SQUARE SPOUT TRUSS KITS

SPOUT KIT SIZE	40ft. KIT		60ft. KIT		80ft. KIT		100ft. KIT	
	w/cable	w/o cable	w/cable	w/o cable	w/cable	w/o cable	w/cable	w/o cable
6"	★	*	★	*	★	*	★	*
8"	★	*	★	*	★	*	★	*
10"	★	*	★	*	★	*	★	*
12"	★	*	★	*	★	*	★	*
14"	★	*	★	*	★	*	★	*
16"	★	*	★	*	★	*	★	*
18"	★	*	★	*	★	*	★	*
20"	★	*	★	*	★	*	★	*
24"	★	*	★	*	★	*	★ ①	①

① Kits include 3/8" cable & 5/8" x 9 Turnbuckles ★ Kits include 1/2" cable and 3/4" x 12" Turnbuckles

① Call factory - exceeds engineering recommendations



ALL END ANCHORS TO BE FIELD WELDED TO SPOUT

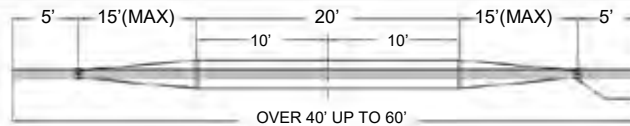
40' SPOUT TRUSS KITS SHOULD BE INSTALLED WITH APPROXIMATE DIMENSIONS SHOWN ABOVE. THE OVERALL DIAMETER OF A 24" STAR ASSEMBLY IS 5'.

40 Ft. Truss Kit / Contents:

- * (1) 24" Star Assembly
- (4) Extension Arms
- (4) Connection Angles
- (8) Attaching Hardware
- * (2) End Anchors (4pcs + Hardware)
- * (4) Turnbuckles
- * (16) Cable Clamps
- * 150' of Aircraft Cable

60 Ft. Truss Kit / Contents:

- * (2) 24" Star Assemblies
- (8) Extension Arms
- (8) Connection Angles
- (16) Attaching Hardware
- * (2) End Anchors (4pcs + Hardware)
- * (4) Turnbuckles
- * (16) Cable Clamps
- * 250' of Aircraft Cable

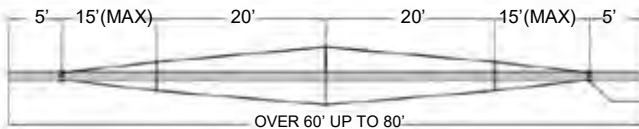


ALL END ANCHORS TO BE FIELD WELDED TO SPOUT

60' SPOUT TRUSS KITS SHOULD BE INSTALLED WITH APPROXIMATE DIMENSIONS SHOWN ABOVE. THE OVERALL DIAMETER OF A 24" STAR ASSEMBLY IS 5'.

80 Ft. Truss Kit / Contents:

- * (1) 48" Star Assembly
- (4) Extension Arms
- (4) Connection Angles
- (8) Attaching Hardware
- * (2) 24" Star Assemblies
- (8) Extension Arms
- (8) Connection Angles
- (16) Attaching Hardware
- * (2) End Anchors (4pcs + Hardware)
- * (4) Turnbuckles
- * (16) Cable Clamps
- * 300' of Aircraft Cable

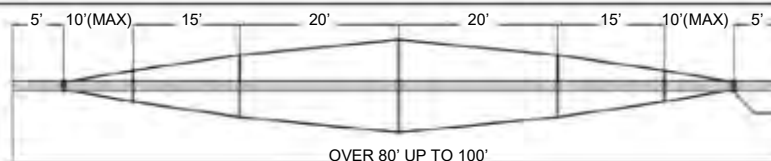


ALL END ANCHORS TO BE FIELD WELDED TO SPOUT

80' SPOUT TRUSS KITS SHOULD BE INSTALLED WITH APPROXIMATE DIMENSIONS SHOWN ABOVE. THE OVERALL DIAMETER OF A 48" STAR IS 8' AND THE OVERALL DIAMETER OF A 24" STAR IS 5'.

100 Ft. Truss Kit / Contents:

- * (1) 66" Star Assembly
- (4) Extension Arms
- (4) Connection Angles
- (8) Attaching Hardware
- * (2) 48" Star Assemblies
- (8) Extension Arms
- (8) Connection Angles
- (16) Attaching Hardware
- * (2) 24" Star Assemblies
- (8) Extension Arms
- (8) Connection Angles
- (16) Attaching Hardware
- * (2) End Anchors (4pcs + Hardware)
- * (4) Turnbuckles
- * (16) Cable Clamps
- * 400' of Aircraft Cable



ALL END ANCHORS TO BE FIELD WELDED TO SPOUT

100' SPOUT TRUSS KITS SHOULD BE INSTALLED WITH APPROXIMATE DIMENSIONS SHOWN ABOVE. THE OVERALL DIAMETER OF A 66" STAR IS 10½', 48" STAR IS 8', AND A 24" STAR IS 5'.



GALVANIZED STAR ASSEMBLIES

STAR SIZE	FOR 6" SPOUT	FOR 8" SPOUT	FOR 10" SPOUT	FOR 12" SPOUT	FOR 14" SPOUT	FOR 16" SPOUT	FOR 18" SPOUT	FOR 20" SPOUT	FOR 24" SPOUT
24"	★	★	★	★	★	★	★	★	★
48"	★	★	★	★	★	★	★	★	★
66"	★	★	★	★	★	★	★	★	★

GALVANIZED END ANCHORS

FOR 6" SPOUT	FOR 8" SPOUT	FOR 10" SPOUT	FOR 12" SPOUT	FOR 14" SPOUT	FOR 16" SPOUT	FOR 18" SPOUT	FOR 20" SPOUT	FOR 24" SPOUT
★	★	★	★	★	★	★	★	★

Truss Kits are not designed for spout runs longer than 100'. Call factory for recommendations for spout runs longer than 100'.



SQUARE SPOUTING ACCESSORIES



SQUARE 10° AND 45° FLANGED WEDGES

SIZE	10ga. PAINTED	10ga. GALVANIZED	7ga. PAINTED	7ga. GALVANIZED	ADD FOR 1/4" URETHANE	ADD FOR 10GA AR STEEL LINED	ADD FOR 1/4" TILE
6"	☼	☼	☼	☼	☼	☼	☼
8"	☼	☼	☼	☼	☼	☼	☼
10"	☼	☼	☼	☼	☼	☼	☼
12"	☼	☼	☼	☼	☼	☼	☼
14"	☼	☼	☼	☼	☼	☼	☼
16"	☼	☼	☼	☼	☼	☼	☼
18"	☼	☼	☼	☼	☼	☼	☼
20"	☼	☼	☼	☼	☼	☼	☼
22"	☼	☼	☼	☼	☼	☼	☼
24"	☼	☼	☼	☼	☼	☼	☼

Call Premier Components for custom angled wedges.



5 PIECE ADJUSTABLE SQUARE ELBOW LINED PRICING INCLUDES ELBOWS AND INSTALLED LINING MATERIAL--IT IS NOT AN ADDER.

**24" UNITS ARE 24" ALL THE WAY THRU AND DO NOT UTILIZE 26" ELBOWS AS 26" CLAMP BANDS ARE UNAVAILABLE

5 PIECE ADJUSTABLE SQUARE ELBOWS

SIZE	CONFIGURATION	10ga.	7ga.	ADD FOR 1/4" URETHANE	1/4" TILE LINED
6"	PAINTED	☼	N/A	☼	☼
	GALVANIZED	☼	☼	☼	☼
8"	PAINTED	☼	☼	☼	☼
	GALVANIZED	☼	☼	☼	☼
10"	PAINTED	☼	☼	☼	☼
	GALVANIZED	☼	☼	☼	☼
12"	PAINTED	☼	☼	☼	☼
	GALVANIZED	☼	☼	☼	☼
14"	PAINTED	☼	☼	☼	☼
	GALVANIZED	N/A	☼	☼	☼
16"	PAINTED	☼	☼	☼	☼
	GALVANIZED	N/A	☼	☼	☼
18"	PAINTED	N/A	☼	☼	☼
	GALVANIZED	N/A	☼	☼	☼
20"	PAINTED	N/A	☼	☼	☼
	GALVANIZED	N/A	☼	☼	☼
22"	PAINTED	N/A	☼	☼	☼
	GALVANIZED	N/A	☼	☼	☼
**24"	PAINTED	N/A	☼	☼	☼
	GALVANIZED	N/A	☼	☼	☼



SQUARE FLAT FLANGES

SIZE	MATERIAL DIMENSIONS	FLAT FLANGES
6"	1 1/4" x 3/16"	☼
8"	1 1/4" x 3/16"	☼
10"	1 1/4" x 3/16"	☼
12"	1 1/2" x 3/16"	☼
14"	1 1/2" x 3/16"	☼
16"	1 1/2" x 3/16"	☼
18"	1 1/2" x 3/16"	☼
20"	1 1/2" x 3/16"	☼
22"	1 1/2" x 3/16"	☼
24"	1 1/2" x 3/16"	☼
26"	2" x 3/16	☼
28"	2" x 3/16	☼
30"	2" x 3/16	☼



SQUARE ANGLE IRON FLANGES

SIZE	MATERIAL DIMENSION	ANGLE IRON FLANGES	☼ HEAVY DUTY	
			MATERIAL DIMENSION	ANGLE IRON FLANGES
6"	1 1/4" x 3/16"	☼	1 1/4" x 1/4"	☼
8"	1 1/4" x 3/16"	☼	1 1/4" x 1/4"	☼
10"	1 1/4" x 3/16"	☼	1 1/4" x 1/4"	☼
12"	1 1/2" x 3/16"	☼	1 1/2" x 1/4"	☼
14"	1 1/2" x 3/16"	☼	1 1/2" x 1/4"	☼
16"	1 1/2" x 3/16"	☼	1 1/2" x 1/4"	☼
18"	1 1/2" x 3/16"	☼	1 1/2" x 1/4"	☼
20"	1 1/2" x 3/16"	☼	1 1/2" x 1/4"	☼
22"	1 1/2" x 3/16"	☼	1 1/2" x 1/4"	☼
24"	1 1/2" x 3/16"	☼	1 1/2" x 1/4"	☼
26"	2" x 3/16	☼	2" x 1/4"	☼
28"	2" x 3/16	☼	2" x 1/4"	☼
30"	2" x 3/16	☼	2" x 1/4"	☼

☼ HD USED ON ALL SQUARE SPOUTS

SQUARE SPOUT CAPS - 10GA.

SIZE	PAINTED	GALVANIZED
6"	☼	☼
8"	☼	☼
10"	☼	☼
12"	☼	☼
14"	☼	☼
16"	☼	☼
18"	☼	☼
20"	☼	☼
22"	☼	☼
24"	☼	☼
26"	☼	☼
28"	☼	☼
30"	☼	☼



HEAVY DUTY HINGES UTILIZE 2" SHAFT PINS, 1/2" PLATE HOUSING SIDES AND ARE 12" HIGH. ANY SPOUTING ATTACHED BEYOND HINGES SHOULD BE LIMITED TO 10' OR LESS WITH TURNDOWN.

SQUARE LOAD-OUT SPOUT HINGES

SIZE	PAINTED	GALVANIZED
8"	☼	☼
10"	☼	☼
12"	☼	☼
14"	☼	☼
16"	☼	☼
18"	☼	☼
20"	☼	☼
22"	☼	☼
24"	☼	☼

HEAVY DUTY LOAD-OUT SPOUT HINGES

SIZE	PRICE	ADD FOR 1/4" URETHANE	ADD FOR 10GA AR STEEL LINED	Add for 1/4" Tile
20"	☼	☼	☼	☼
24"	☼	☼	☼	☼
30"	☼	☼	☼	☼



LOCKED POSITION

LOAD-OUT HINGE LOCKS

☼ EACH



UNLOCKED POSITION

SEE PAGES 32 & 35 FOR DIMENSIONAL INFORMATION.

www.premier-com.com

877-681-3064

SQUARE FIXED ELBOW, HIP STYLE 45°

SIZE	10ga. PAINTED	10ga. GALVANIZED	7ga. PAINTED	7ga. GALVANIZED	Add for 1/4" Urethane	Add fo 10ga. AR Steel Lined	Add for 1/4" Ceramic Tile Lined
6"	☒	☒	☒	☒	☒	☒	☒
8"	☒	☒	☒	☒	☒	☒	☒
10"	☒	☒	☒	☒	☒	☒	☒
12"	☒	☒	☒	☒	☒	☒	☒
14"	☒	☒	☒	☒	☒	☒	☒
16"	☒	☒	☒	☒	☒	☒	☒
18"	☒	☒	☒	☒	☒	☒	☒
20"	☒	☒	☒	☒	☒	☒	☒
22"	☒	☒	☒	☒	☒	☒	☒
24"	☒	☒	☒	☒	☒	☒	☒

CALL PREMIER COMPONENTS FOR CUSTOM ANGLE ELBOWS

SQUARE 45° BRANCHES ('Y' OR 'K' STYLE)

SIZE	10ga. PAINTED	10ga. GALVANIZED	7ga. PAINTED	7ga. GALVANIZED	Add for 1/4" Urethane	Add for 1/4" Ceramic Tile Lined
6"	☒	☒	☒	☒	☒	☒
8"	☒	☒	☒	☒	☒	☒
10"	☒	☒	☒	☒	☒	☒
12"	☒	☒	☒	☒	☒	☒
14"	☒	☒	☒	☒	☒	☒
16"	☒	☒	☒	☒	☒	☒
18"	☒	☒	☒	☒	☒	☒
20"	☒	☒	☒	☒	☒	☒
22"	☒	☒	☒	☒	☒	☒
24"	☒	☒	☒	☒	☒	☒

Designate 'Y' or 'K' style when ordering.

SQUARE 45° THREE WAY BRANCHES

SIZE	10ga. PAINTED	10ga. GALVANIZED	7ga. PAINTED	7ga. GALVANIZED	Add for 1/4" Urethane	Add for 1/4" Ceramic Tile Lined
6"	☒	☒	☒	☒	☒	☒
8"	☒	☒	☒	☒	☒	☒
10"	☒	☒	☒	☒	☒	☒
12"	☒	☒	☒	☒	☒	☒
14"	☒	☒	☒	☒	☒	☒
16"	☒	☒	☒	☒	☒	☒
18"	☒	☒	☒	☒	☒	☒
20"	☒	☒	☒	☒	☒	☒
22"	☒	☒	☒	☒	☒	☒
24"	☒	☒	☒	☒	☒	☒

*AR Lining available upon request.

*AR Lining available upon request.

SQUARE 45° DEAD STOPS W/ REMOVABLE END

SIZE	10ga. PAINTED	10ga. GALVANIZED	7ga. PAINTED	7ga. GALVANIZED	Add for 1/4" Urethane	Add fo 10ga. AR Steel Lined	Add for 1/4" Ceramic Tile Lined
6"	☒	☒	☒	☒	☒	☒	☒
8"	☒	☒	☒	☒	☒	☒	☒
10"	☒	☒	☒	☒	☒	☒	☒
12"	☒	☒	☒	☒	☒	☒	☒
14"	☒	☒	☒	☒	☒	☒	☒
16"	☒	☒	☒	☒	☒	☒	☒
18"	☒	☒	☒	☒	☒	☒	☒
20"	☒	☒	☒	☒	☒	☒	☒
22"	☒	☒	☒	☒	☒	☒	☒
24"	☒	☒	☒	☒	☒	☒	☒

SQUARE TURNDOWN FOR LOAD-OUT SPOUT

SIZE	10ga. PAINTED	10ga. GALVANIZED	7ga. PAINTED	7ga. GALVANIZED	Add for 1/4" Urethane	Add fo 10ga. AR Steel Lined	Add for 1/4" Ceramic Tile Lined
6"	☒	☒	☒	☒	☒	☒	☒
8"	☒	☒	☒	☒	☒	☒	☒
10"	☒	☒	☒	☒	☒	☒	☒
12"	☒	☒	☒	☒	☒	☒	☒
14"	☒	☒	☒	☒	☒	☒	☒
16"	☒	☒	☒	☒	☒	☒	☒
18"	☒	☒	☒	☒	☒	☒	☒
20"	☒	☒	☒	☒	☒	☒	☒
22"	☒	☒	☒	☒	☒	☒	☒
24"	☒	☒	☒	☒	☒	☒	☒

SQUARE CONFIGURATION EXPANSION JOINTS



SIZE	10ga. PAINTED	10ga. GALVANIZED	7ga. PAINTED	7ga. GALVANIZED
6"	☒	☒	☒	☒
8"	☒	☒	☒	☒
10"	☒	☒	☒	☒
12"	☒	☒	☒	☒
14"	☒	☒	☒	☒
16"	☒	☒	☒	☒
18"	☒	☒	☒	☒
20"	☒	☒	☒	☒
22"	☒	☒	☒	☒
24"	☒	☒	☒	☒

CALL PREMIER FOR STAINLESS STEEL PRICING

SEE PAGE 35 FOR SQUARE 45° HIP-STYLE ELBOW DIMENSIONS

www.premier-com.com

877-681-3064


**SQUARE
EXPANSION
JOINTS ALLOW
UP TO 3" OF
ADJUSTMENT**


ROUND TO ROUND AND
PIPE TO TUBING TRANSITIONS

SIZE	CONFIGURATION	10ga.	7ga.	ADD FOR 1/4" URETHANE LINED	ADD FOR 10ga. AR STEEL	ADD FOR 1/4" TILE LINED
6" to 6 5/8"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
6" to 8"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
8" to 8 5/8"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
8" to 10"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
10" to 10 3/4"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
10" to 12"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
12" to 12 3/4"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
12" to 14"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
14" to 16"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
16" to 18"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐



SQUARE TO ROUND TRANSITIONS

SIZE	CONFIGURATION	10ga.	7ga.	ADD FOR 1/4" URETHANE LINED	ADD FOR 10ga. AR STEEL	ADD FOR 1/4" TILE LINED
6" to Ø6"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
8" to Ø8"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
8" to Ø10"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
10" to Ø10"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
10" to Ø12"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
12" to Ø12"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
12" to Ø14"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
14" to Ø14"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
14" to Ø16"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
16" to Ø16"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
16" to Ø18"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
18" to Ø18"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
18" to Ø20"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
20" to Ø20"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
20" to Ø22"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
22" to Ø24"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
24" to Ø24"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
30" to Ø30"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
36" to Ø36"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐

SQUARE TO SQUARE TRANSITIONS

SIZE	CONFIGURATION	10ga.	7ga.	ADD FOR 1/4" URETHANE LINED	ADD FOR 10ga. AR STEEL	ADD FOR 1/4" TILE LINED
6" to 8"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
8" to 10"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
10" to 12"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
12" to 14"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
14" to 16"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐
16" to 18"	PAINTED	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐



CUSTOM TRANSITIONS - ANY STYLE AND CONFIGURATION IS AVAILABLE

For our custom transition sheet contact your Premier Components salesperson or in the resources tab of our website.

Contact Premier Components for Stainless Steel Transition Pricing. See page 31 for Dimensional Information.

OVERFLOW VALVES

STANDARD OVERFLOW VALVES

SIZE	10ga. Painted	10ga. Galvanized	7ga. Painted	7ga. Galvanized	Add for 1/4" Urethane Lined	Add for 10ga. AR Steel Lined	Add for 1/4" Tile Lined
6"	☐	☐	☐	☐	☐	☐	☐
8"	☐	☐	☐	☐	☐	☐	☐
10"	☐	☐	☐	☐	☐	☐	☐
12"	☐	☐	☐	☐	☐	☐	☐
14"	☐	☐	☐	☐	☐	☐	☐
16"	n/a	n/a	☐	☐	☐	☐	☐
18"	n/a	n/a	☐	☐	☐	☐	☐
20"	n/a	n/a	CALL FOR CURRENT PRICING				
24"	n/a	n/a	CALL FOR CURRENT PRICING				
PRICING INCLUDES ROUND INLET AND SQUARE TO ROUND TRANSITION DISCHARGE.							
LINING PRICING DOES NOT INCLUDE LINING OF SQUARE TO ROUND TRANSITION - SEE PAGE 11.							



GATED OVERFLOW VALVES WITH 45° SLIDE GATE - SELF CLEANING

SIZE	10ga. Painted	10ga. Galvanized	7ga. Painted	7ga. Galvanized	Add for 1/4" Urethane Lined	Add for 10ga. AR Steel Lined	Add for 1/4" Tile Lined
6"	☐	☐	☐	☐	☐	☐	☐
8"	☐	☐	☐	☐	☐	☐	☐
10"	☐	☐	☐	☐	☐	☐	☐
12"	☐	☐	☐	☐	☐	☐	☐
14"	☐	☐	☐	☐	☐	☐	☐
16"	n/a	n/a	☐	☐	☐	☐	☐
18"	n/a	n/a	☐	☐	☐	☐	☐
20"	n/a	n/a	CALL FOR CURRENT PRICING				
24"	n/a	n/a	CALL FOR CURRENT PRICING				
PRICING INCLUDES ROUND INLET AND SQUARE TO ROUND TRANSITION DISCHARGE.							
LINING PRICING INCLUDES LINING BELOW THE 45° DISCHARGE AND 1/4" AR BLADE.							
SEE PAGE 31 FOR DIMENSIONAL INFORMATION.							



ROUND STYLE ADJUSTABLE CUSHION BOXES WITH INSPECTION PORTS (SPOUT END)

SIZE	10ga. Painted	10ga. Galvanized	7ga. Painted	7ga. Galvanized	Add for 1/4" Urethane Lined Hex Tile on Rd. Inlet	Add for 1/4" Urethane Lined Baffles Only	Add for 10ga. AR Steel Inlet & Baffles	Add for 1/4" Tile Lined Inlet & Baffles	Add for 10ga. AR Steel Collar Only	Inspection Port Size
6"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
8"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
10"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
12"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
14"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
16"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
18"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
20"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
24"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10



STANDARD

SQUARE STYLE CUSHION BOXES WITH INSPECTION PORTS (SELF-CLEANING)

SIZE	10ga. Painted	10ga. Galvanized	7ga. Painted	7ga. Galvanized	Add for 1/4" Urethane Lined Hex Tile on Round Inlet	Add for 10ga. AR Steel Inlet & Baffle	Add for 1/4" Tile Lined Inlet & Baffle	Inspection Port Size
6"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
8"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
10"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
12"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
14"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
16"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø10
18"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø10
20"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø10
24"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø10



STANDARD SQUARE

PRICING INCLUDES ROUND INLET AND SQUARE TO ROUND TRANSITION DISCHARGE.
LINING PRICING DOES NOT INCLUDE LINING OF SQUARE TO ROUND TRANSITION - SEE PAGE 11.
AR STEEL INLET COLLARS ARE 6" LONG FOR SIZES 6"-10" AND 7" LONG FOR SIZES 12"-24".

"PREMIUM" ROUND STYLE ADJUSTABLE CUSHION BOXES WITH INSPECTION PORTS (SPOUT END)

SIZE	10ga. Painted "PREMIUM"	10ga. Galvanized "PREMIUM"	7ga. Painted "PREMIUM"	7ga. Galvanized "PREMIUM"	Add for 1/4" Urethane Lined Hex Tile on Rd. Inlet	Add for 1/4" Urethane Lined Baffles Only	Add for 10ga. AR Steel Inlet & Baffles	Add for 1/4" Tile Lined Inlet & Baffles	Add for 10ga. AR Steel Collar Only	Inspection Port Size
6"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
8"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
10"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
12"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
14"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
16"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
18"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
20"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
24"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10



PREMIUM ROUND

"PREMIUM" SQUARE STYLE CUSHION BOXES WITH INSPECTION PORTS (SELF-CLEANING)

SIZE	10ga. Painted "PREMIUM"	10ga. Galvanized "PREMIUM"	7ga. Painted "PREMIUM"	7ga. Galvanized "PREMIUM"	Add for 1/4" Urethane Lined Baffles Only	Add for 10ga. AR Steel Inlet & Baffle	Add for 1/4" Tile Lined Inlet & Baffle	Inspection Port Size
6"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
8"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
10"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
12"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
14"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
16"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø10
18"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø10
20"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø10
24"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø10



PREMIUM SQUARE

PRICING INCLUDES ROUND INLET AND SQUARE TO ROUND TRANSITION DISCHARGE.
LINING PRICING DOES NOT INCLUDE LINING OF SQUARE TO ROUND TRANSITION - SEE PAGE 11.
AR STEEL INLET COLLARS ARE 6" LONG FOR SIZES 6"-10" AND 7" LONG FOR SIZES 12"-24".

"PREMIUM" ROUND STYLE ADJUSTABLE INLET CUSHION BOXES WITH INSPECTION PORTS (SPOUT END)

SIZE	10ga. Painted "PREMIUM"	10ga. Galvanized "PREMIUM"	7ga. Painted "PREMIUM"	7ga. Galvanized "PREMIUM"	Add for Tile Lined Baffles Only	Add for 1/4" Urethane Lined Baffles Only	Add for 10GA AR 235 Lined Inlet Collar Baffles Only	Add for 1/4" Tile Lined Inlet Collar and Baffles	Inspection Port Size
6"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
8"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
10"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø6
12"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
14"	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
16"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
18"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
20"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø	Ø10
24"	n/a	n/a	Ø	Ø	Ø	Ø	Ø	Ø	Ø10



PREMIUM ROUND WITH ADJUSTABLE INLET

PRICING INCLUDES ROUND INLET AND SQUARE TO ROUND TRANSITION DISCHARGE.

ADJUSTABLE INLET STYLE ARE ONLY AVAILABLE IN "PREMIUM"

LINING PRICING DOES NOT INCLUDE LINING OF SQUARE TO ROUND TRANSITION - SEE PAGE 11. ADJUSTABLE INLETS EXTEND UP TO 6".

45° Y STYLE ROUND BRANCHES

SIZE	CONFIGURATION	10ga.	7ga.	ADD FOR LINED	
				1/4" URETHANE LINED	1/4" TILE LINED
6"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
8"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
10"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
12"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
14"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
16"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
18"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐

*AR Lined Available Upon Request

45° OFFSET STYLE ROUND BRANCHES

SIZE	CONFIGURATION	10ga.	7ga.	ADD FOR LINED	
				1/4" URETHANE LINED	1/4" TILE LINED
6"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
8"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
10"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
12"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
14"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
16"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
18"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐

*AR Lined Available Upon Request

45° 3 WAY ROUND BRANCHES

SIZE	CONFIGURATION	10ga.	7ga.	ADD FOR LINED	
				1/4" URETHANE LINED	1/4" TILE LINED
6"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
8"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
10"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
12"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
14"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
16"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
18"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐

*AR Lined Available Upon Request

ROUND 45° DEADSTOP WITH REMOVABLE END

SIZE	CONSTRUCTION	10ga.	7ga.	ADD FOR LINED	
				1/4" URETHANE LINED	1/4" TILE LINED
6"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
8"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
10"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
12"	PAINTED	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐
14"	PAINTED	N/A	☐	☐	☐
	GALVANIZED	N/A	☐	☐	☐
16"	PAINTED	N/A	☐	☐	☐
	GALVANIZED	N/A	☐	☐	☐
18"	PAINTED	N/A	☐	☐	☐
	GALVANIZED	N/A	☐	☐	☐
20"	PAINTED	N/A	☐	☐	☐
	GALVANIZED	N/A	☐	☐	☐
24"	PAINTED	N/A	☐	☐	☐
	GALVANIZED	N/A	☐	☐	☐

*AR Lined Available Upon Request

45° ROUND TO SQUARE ELBOWS

SIZE	CONSTRUCTION	10ga.	7ga.	1/4"	ADD FOR LINED			
					1/4" Expanded Metal Backed Blue Urethane Lined	5/16" Expanded Metal Backed Blue Urethane Lined	5/16" Expanded Metal Backed Orange Urethane Lined	1/4" Ceramic Tile Lined
10"	PAINTED	☐	☐	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐	☐	☐
12"	PAINTED	☐	☐	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐	☐	☐
14"	PAINTED	☐	☐	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐	☐	☐
16"	PAINTED	☐	☐	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐	☐	☐
18"	PAINTED	☐	☐	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐	☐	☐
20"	PAINTED	☐	☐	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐	☐	☐
22"	PAINTED	☐	☐	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐	☐	☐
24"	PAINTED	☐	☐	☐	☐	☐	☐	☐
	GALVANIZED	☐	☐	☐	☐	☐	☐	☐

*AR Lined Available Upon Request



FLAT TOP ADAPTERS

SIZE	CONSTRUCTION	EACH
6"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
8"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
10"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
12"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
14"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
16"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
18"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
20"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
24"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
30"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
36"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐



ROUND SPOUT CAPS

SIZE	CONSTRUCTION	EACH
6"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
8"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
10"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
12"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
14"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
16"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
18"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
20"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐
24"	10ga. PAINTED	☐
	10ga. GALVANIZED	☐

Contact Premier Components for Stainless Steel Pricing. See pages 31-36 for dimensional & lining information.

VERTICAL DROP FLOW RETARDERS

SIZE	CONFIGURATION	7ga. Plate with 7ga. AR Liner	1/4" Plate with 1/4" AR Liner
6"	PAINTED	✱	✱
	GALVANIZED	✱	✱
8"	PAINTED	✱	✱
	GALVANIZED	✱	✱
10"	PAINTED	✱	✱
	GALVANIZED	✱	✱
12"	PAINTED	✱	✱
	GALVANIZED	✱	✱
14"	PAINTED	✱	✱
	GALVANIZED	✱	✱
16"	PAINTED	✱	✱
	GALVANIZED	✱	✱
18"	PAINTED	✱	✱
	GALVANIZED	✱	✱
20"	PAINTED	✱	✱
	GALVANIZED	✱	✱
24"	PAINTED	✱	✱
	GALVANIZED	✱	✱

VERTICAL DROP FLOW RETARDERS ARE DESIGNED WITH A 1/2" BAFFLE THAT CREATES A MOVING PILE AT MOST FLOW RATES AND CONSEQUENTLY SLOWS THE SPEED OF DROPPED PRODUCT. DESIGNED TO BE INSTALLED EVERY 10' OF DROP, THESE UNITS WILL MINIMIZE PRODUCT DAMAGE AND ARE ACCESSABLE WITH A BOLT ON COVER. STANDARD WITH SQUARE IN AND OUT FLANGES, A FLAT-TOP REDUCER AND A SQUARE TO ROUND IS REQUIRED FOR INSTALLATION IN ROUND SPOUTS.



VERTICAL DROP CUSHION TURNOUT 45° ELBOWS

SIZE	CONFIGURATION	7ga. Plate with 7ga. AR Liner	1/4" Plate with 1/4" AR Liner
6"	PAINTED	✱	✱
	GALVANIZED	✱	✱
8"	PAINTED	✱	✱
	GALVANIZED	✱	✱
10"	PAINTED	✱	✱
	GALVANIZED	✱	✱
12"	PAINTED	✱	✱
	GALVANIZED	✱	✱
14"	PAINTED	✱	✱
	GALVANIZED	✱	✱
16"	PAINTED	✱	✱
	GALVANIZED	✱	✱
18"	PAINTED	✱	✱
	GALVANIZED	✱	✱
20"	PAINTED	✱	✱
	GALVANIZED	✱	✱
24"	PAINTED	✱	✱
	GALVANIZED	✱	✱

VERTICAL DROP CUSHION TURNOUT 45° ELBOWS ARE DESIGNED WITH A 1/2" BAFFLE THAT CREATES A MOVING PILE AT POINT OF IMPACT AND REDUCES GRAIN VELOCITY. EACH ELBOWS CONTAINS A BOLT ON ACCESS COVER AND SQUARE IN AND OUT FLANGES. A ROUND FLAT-TOP REDUCER AND A SQUARE TO ROUND IS NECESSARY FOR INSTALLATION IN ROUND SPOUTS.



Z 45° SQUARE DEAD STOPS WITH RUBBER CUSHION

SIZE	CONFIGURATION	10ga.	7ga.	Add For 1/4" Urethane Lined	Add For 1/4" Ceramic Tile
6"	PAINTED	✱	✱	✱	✱
	GALVANIZED	✱	✱	✱	✱
8"	PAINTED	✱	✱	✱	✱
	GALVANIZED	✱	✱	✱	✱
10"	PAINTED	✱	✱	✱	✱
	GALVANIZED	✱	✱	✱	✱
12"	PAINTED	✱	✱	✱	✱
	GALVANIZED	✱	✱	✱	✱
14"	PAINTED	✱	✱	✱	✱
	GALVANIZED	✱	✱	✱	✱
16"	PAINTED	✱	✱	✱	✱
	GALVANIZED	✱	✱	✱	✱
18"	PAINTED	✱	✱	✱	✱
	GALVANIZED	✱	✱	✱	✱
20"	PAINTED	✱	✱	✱	✱
	GALVANIZED	✱	✱	✱	✱
24"	PAINTED	✱	✱	✱	✱
	GALVANIZED	✱	✱	✱	✱

Z 45° SQUARE DEAD STOPS WITH RUBBER CUSHIONS ARE BEST SUITED IN APPLICATIONS WITH VARIED FLOW RATES. A 1/4" RUBBER CUSHION ON THE BACK END PLATE IS SET TO 40° AND ALONG WITH BAFFLES CREATES A MOVING PILE ON THE RUBBER CUSHION. EACH INCLUDE A BOLT ON COVER FOR ACCESS AND SQUARE INLET AND DISCHARGE FLANGES. A FLAT-TOP REDUCER AND A SQUARE TO ROUND TRANSITION IS REQUIRED FOR ROUND SPOUT INSTALLATION.



IN-LINE BACKDRAFT DAMPERS

SIZE	CONFIGURATION	10ga.	7ga.	Add For 1/4" Urethane Lined	Add For 1/4" Ceramic Tile Lined
6"	PAINTED	✱	N/A	✱	✱
	GALVANIZED	✱	N/A	✱	✱
8"	PAINTED	✱	✱	✱	✱
	GALVANIZED	✱	✱	✱	✱
10"	PAINTED	✱	✱	✱	✱
	GALVANIZED	✱	✱	✱	✱
12"	PAINTED	✱	✱	✱	✱
	GALVANIZED	✱	✱	✱	✱
14"	PAINTED	✱	✱	✱	✱
	GALVANIZED	✱	✱	✱	✱

SEE PAGES 31-35 FOR DIMENSIONAL INFORMATION

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RECOMMENDED
FOR USE IN
VERTICAL SPOUT
RUNS EVERY
~30'-40' OF DROP

LINER PRICING INCLUDES TAPERED
BOTTOM OF FLOW RETARDER AND
DISCHARGE TRANSITION—LINER
PRICING **DOES NOT** INCLUDE LINING OF
SQUARE TO ROUND TRANSITION—SEE
PAGE 11

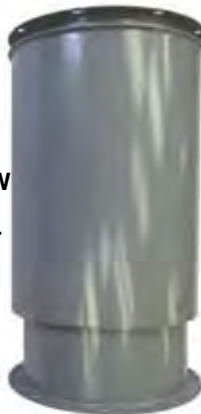


DESIGNED FOR
USE IN ANGLED
SPOUT RUNS

LINER PRICING INCLUDES TAPERED
BOTTOM OF FLOW RETARDER AND
DISCHARGE



EXPANSION
JOINTS ALLOW
UP TO 3" OF
ADJUSTMENT



FLOW RETARDERS WITH INSPECTION PORT

SIZE	CONFIGURATION	10ga.	7ga.	« Add For 1/4" Urethane Lined	« Add For 1/4" Ceramic Tile Lined	« Add For 10ga AR 235	Inspection Port
6"	PAINTED	μ	N/A	⊙	⊙	⊙	Ø6"
	GALVANIZED	⊙	N/A	⊙	⊙	⊙	Ø6"
8"	PAINTED	⊙	⊙	⊙	⊙	⊙	Ø6"
	GALVANIZED	⊙	⊙	⊙	⊙	⊙	Ø6"
10"	PAINTED	⊙	⊙	⊙	⊙	⊙	Ø6"
	GALVANIZED	⊙	⊙	⊙	⊙	⊙	Ø6"
12"	PAINTED	⊙	⊙	⊙	⊙	⊙	Ø10
	GALVANIZED	⊙	⊙	⊙	⊙	⊙	Ø10
14"	PAINTED	N/A	⊙	⊙	⊙	⊙	Ø10
	GALVANIZED	N/A	⊙	⊙	⊙	⊙	Ø10
16"	PAINTED	N/A	⊙	⊙	⊙	⊙	Ø10
	GALVANIZED	N/A	⊙	⊙	⊙	⊙	Ø10
18"	PAINTED	N/A	⊙	⊙	⊙	⊙	Ø10
	GALVANIZED	N/A	⊙	⊙	⊙	⊙	Ø10
20"	PAINTED	N/A	⊙	⊙	⊙	⊙	Ø10
	GALVANIZED	N/A	⊙	⊙	⊙	⊙	Ø10
24"	PAINTED	N/A	⊙	⊙	⊙	⊙	Ø10
	GALVANIZED	N/A	⊙	⊙	⊙	⊙	Ø10

Pricing includes round inlet and discharge.

10ga. Flow Retarders have 3/16" AR Baffles and 7ga. Flow Retarders have 1/2" AR Baffles.

Urethane and Ceramic tile liners are only available in painted units. Galvanized units must be lined with AR Steel. Pricing includes round inlet and square to round discharge. Lining Pricing **DOES NOT** include lining of square to round transition - see page 11.

FLOW RETARDERS W/ WELDING SLEEVE AND INSPECTION PORT

SIZE	CONFIGURATION	10ga.	7ga.	« Add For 7ga. AR Lined	Inspection Port
6"	PAINTED	⊙	⊙	⊙	Ø6"
	GALVANIZED	⊙	⊙	⊙	Ø6"
8"	PAINTED	⊙	⊙	⊙	Ø6"
	GALVANIZED	⊙	⊙	⊙	Ø6"
10"	PAINTED	⊙	⊙	⊙	Ø6"
	GALVANIZED	⊙	⊙	⊙	Ø6"
12"	PAINTED	⊙	⊙	⊙	Ø10
	GALVANIZED	⊙	⊙	⊙	Ø10
14"	PAINTED	N/A	⊙	⊙	Ø10
	GALVANIZED	N/A	⊙	⊙	Ø10
16"	PAINTED	N/A	⊙	⊙	Ø10
	GALVANIZED	N/A	⊙	⊙	Ø10
18"	PAINTED	N/A	⊙	⊙	Ø10
	GALVANIZED	N/A	⊙	⊙	Ø10
20"	PAINTED	N/A	⊙	⊙	Ø10
	GALVANIZED	N/A	⊙	⊙	Ø10
24"	PAINTED	N/A	⊙	⊙	Ø10
	GALVANIZED	N/A	⊙	⊙	Ø10

EXPANSION JOINTS

SIZE	CONFIGURATION	10ga.	7ga.
6"	PAINTED	⊙	⊙
	GALVANIZED	⊙	⊙
8"	PAINTED	⊙	⊙
	GALVANIZED	⊙	⊙
10"	PAINTED	⊙	⊙
	GALVANIZED	⊙	⊙
12"	PAINTED	⊙	⊙
	GALVANIZED	⊙	⊙
14"	PAINTED	N/A	⊙
	GALVANIZED	N/A	⊙
16"	PAINTED	N/A	⊙
	GALVANIZED	N/A	⊙
18"	PAINTED	N/A	⊙
	GALVANIZED	N/A	⊙
20"	PAINTED	N/A	⊙
	GALVANIZED	N/A	⊙
24"	PAINTED	N/A	⊙
	GALVANIZED	N/A	⊙

COLLECTOR BOXES

SIZE	COLLECTOR BOX SPECIFICATIONS	10ga. PAINTED	10ga. GALVANIZED	7ga. PAINTED	7ga. GALVANIZED	Add For 1/4" Urethane Lined	Add For 1/4" Ceramic Tile Lined
8"	10"x28" rect. inlet, 8" sqr. discharge, 10" tall, includes (2) loose 8" std. angle flange rings	⊙	⊙	⊙	⊙	⊙	⊙
10"	12"x34" rect. inlet, 10" sqr. discharge, 12" tall, includes (2) loose 10" std. angle flange rings	⊙	⊙	⊙	⊙	⊙	⊙
12"	14"x38" rect. inlet, 12" sqr. discharge, 14" tall, includes (2) loose 12" std. angle flange rings	⊙	⊙	⊙	⊙	⊙	⊙
14"	16"x42" rect. inlet, 14" sqr. discharge, 16" tall, includes (2) loose 14" std. angle flange rings	⊙	⊙	⊙	⊙	⊙	⊙
16"	18"x46" rect. inlet, 16" sqr. discharge, 18" tall, includes (2) loose 16" std. angle flange rings	⊙	⊙	⊙	⊙	⊙	⊙
18"	20"x50" rect. inlet, 18" sqr. discharge, 20" tall, includes (2) loose 18" std. angle flange rings	⊙	⊙	⊙	⊙	⊙	⊙
20"	22"x54" rect. inlet, 20" sqr. discharge, 22" tall, includes (2) loose 20" std. angle flange rings	⊙	⊙	⊙	⊙	⊙	⊙

SEE PAGES 31-35 FOR DIMENSIONAL INFORMATION

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304 STAINLESS STEEL SPOUTING

SIZE	14ga.	12ga.	11ga.	10ga.
4"	Call	Call		☆
6"	Call	Call	☆	☆
8"	Call	Call	☆	☆
10"	Call	Call	☆	☆
12"	Call	Call	☆	☆
14"		Call		☆
16"		Call		☆



STAINLESS STEEL WELDING SLEEVES

24" LONG 12ga.



SIZE	PRICE
6"	☆
8"	☆
10"	☆
12"	☆
14"	☆
16"	☆

Call a Premier representative for sizes and gauges not listed.

STAINLESS STEEL ELBOWS

45° includes 1 clamp band &

67½° includes 2 clamp bands



SIZE	22½°	45°	67½°
6"x10ga.		☆	☆
8"x10ga.	☆	☆	☆
10"x10ga.	☆	☆	☆
12"x10ga.	☆	☆	☆
14"x10ga.	☆	☆	☆
16"x10ga.	☆	☆	☆

STAINLESS STEEL CLAMP BANDS



SIZE	PRICE	SIZE	PRICE
4"	☆	14"	☆
6"	☆	16"	☆
8"	☆	18"	☆
10"	☆	20"	☆
12"	☆	24"	☆

STAINLESS STEEL FLAT TOP ADAPTERS



SIZE	PRICE
4"	☆
6"	☆
8"	☆
10"	☆
12"	☆
14"	☆
16"	☆

STAINLESS STEEL TRANSITIONS

CONSTRUCTED OF 10GA. W/ PUNCHED FLANGES

SQUARE TO ROUND

SIZE	PRICE	SIZE	PRICE
4" : 4"	☆	12" : 12"	☆
6" : 6"	☆	12" : 10"	☆
6" : 8"	☆	12" : 8"	☆
8" : 8"	☆	14" : 14"	☆
8" : 6"	☆	14" : 12"	☆
10" : 10"	☆	14" : 10"	☆
10" : 8"	☆	16" : 16"	☆
10" : 6"	☆	16" : 14"	☆
		16" : 12"	☆

SQUARE TO SQUARE

SIZE	PRICE
4" : 4"	☆
6" : 6"	☆
8" : 8"	☆
8" : 6"	☆
10" : 8"	☆
10" : 6"	☆
12" : 10"	☆
12" : 8"	☆
14" : 12"	☆
14" : 10"	☆
16" : 14"	☆
16" : 12"	☆

STAINLESS STEEL ROUND ANGLE FLANGES

SIZE	PRICE
4"	☆
6"	☆
8"	☆
10"	☆
12"	☆
14"	☆
16"	☆
18"	☆
20"	☆
24"	☆



STAINLESS STEEL SQUARE ANGLE FLANGES



SIZE	PRICE
6"	☆
8"	☆
10"	☆
12"	☆
14"	☆
16"	☆
18"	☆

STAINLESS STEEL 45° DEAD STOPS w/ REMOVABLE END



SIZE	PRICE
6" x 10ga.	☆
8" x 10ga.	☆
10" x 10ga.	☆
12" x 10ga.	☆
14" x 10ga.	☆
16" x 10ga.	☆

STAINLESS STEEL RACK & PINION SLIDE GATES



INCLUDES WEATHER COVERS

SEE PAGES 23 & 24 FOR SLIDE GATE DRIVE OPTIONS.

SIZE	PRICE
6"	☆
8"	☆
10"	☆
12"	☆
14"	☆
16"	☆
18"	☆

STAINLESS STEEL ADJUSTABLE CUSHION BOXES



SIZE	PRICE
6"	☆
8"	☆
10"	☆
12"	☆
14"	☆
16"	☆

10GA. CONSTRUCTION w/ ROUND INLET & OUTLET INCLUDES INSPECTION COVER

PLEASE CONTACT PREMIER COMPONENTS FOR ANY ACCESSORIES NOT SHOWN AS WE ARE MORE THAN CAPABLE OF MANUFACTURING ANY OF OUR STANDARD MATERIAL HANDLING ACCESSORIES IN STAINLESS STEEL.

SEE PAGES 31-35 FOR DIMENSIONAL INFORMATION.

PREMIUM 45° DIVERTER & DROP OUT VALVES

PREMIUM VALVES FEATURE BEARING SUPPORTED 1¼" CONTROL SHAFTS AND 7ga. CONSTRUCTION IS STANDARD ON ALL LARGER SIZES AS WELL AS ANGLE IRON REINFORCED HOUSING. PREMIER COMPONENTS PREMIUM VALVES WILL OUT-LAST AND OUT-PERFORM OTHER LIGHTER DUTY VALVES IN THE INDUSTRY. COMPARE OUR VALVES' FEATURES TO THE COMPETITION!

45° Y-TYPE PREMIUM DIVERTER VALVES

SIZE	CONFIGURATION	10ga. SQUARE IN & OUT	10ga. ROUND IN & OUT	7ga. SQUARE IN & OUT	7ga. ROUND IN & OUT	ADD FOR 1/4" URETHANE LINED	ADD FOR 10ga. AR STEEL LINED	ADD FOR 1/4" CERAMIC TILE LINED
6"	Painted	☐	☐	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐	☐	☐
8"	Painted	☐	☐	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐	☐	☐
10"	Painted	☐	☐	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐	☐	☐
12"	Painted	☐	☐	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐	☐	☐
14"	Painted	☐	☐	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐	☐	☐
16"	Painted	n/a	n/a	☐	☐	☐	☐	☐
	Galvanized	n/a	n/a	☐	☐	☐	☐	☐
18"	Painted	n/a	n/a	☐	☐	☐	☐	☐
	Galvanized	n/a	n/a	☐	☐	☐	☐	☐
20"	Painted	n/a	n/a	☐	☐	☐	☐	☐
	Galvanized	n/a	n/a	☐	☐	☐	☐	☐
24"	Painted	n/a	n/a	☐	☐	☐	☐	☐
	Galvanized	n/a	n/a	☐	☐	☐	☐	☐



45° Y-TYPE DIVERTER VALVES ARE MANUFACTURED WITH REMOVABLE ACCESS COVERS FOR INSPECTION

LINING PACKAGE IS FOR VALVE ONLY AND DOES NOT INCLUDE SQUARE TO ROUND TRANSITION LINING. ADD PRICE OF LINED TRANSITIONS FROM PAGE 11 TO SELECTED LINED SQUARE IN AND SQUARE OUT VALVES.

45° K-TYPE PREMIUM DIVERTER VALVES

SIZE	CONFIGURATION	10ga. SQUARE IN & OUT	10ga. ROUND IN & OUT	7ga. SQUARE IN & OUT	7ga. ROUND IN & OUT	ADD FOR 1/4" URETHANE LINED	ADD FOR 10ga. AR STEEL	ADD FOR 1/4" CERAMIC TILE LINED
6"	Painted	☐	☐	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐	☐	☐
8"	Painted	☐	☐	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐	☐	☐
10"	Painted	☐	☐	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐	☐	☐
12"	Painted	☐	☐	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐	☐	☐
14"	Painted	☐	☐	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐	☐	☐
16"	Painted	n/a	n/a	☐	☐	☐	☐	☐
	Galvanized	n/a	n/a	☐	☐	☐	☐	☐
18"	Painted	n/a	n/a	☐	☐	☐	☐	☐
	Galvanized	n/a	n/a	☐	☐	☐	☐	☐
20"	Painted	n/a	n/a	☐	☐	☐	☐	☐
	Galvanized	n/a	n/a	☐	☐	☐	☐	☐
24"	Painted	n/a	n/a	☐	☐	☐	☐	☐
	Galvanized	n/a	n/a	☐	☐	☐	☐	☐



45° K-TYPE DIVERTER VALVES ARE MANUFACTURED WITH REMOVABLE ACCESS COVERS FOR INSPECTION

LINING PACKAGE IS FOR VALVE ONLY AND DOES NOT INCLUDE SQUARE TO ROUND TRANSITION LINING. ADD PRICE OF LINED TRANSITIONS FROM PAGE 11 TO SELECTED LINED SQUARE IN AND SQUARE OUT VALVES.

DROP OUT VALVES

SIZE	CONFIGURATION	7ga. SQUARE IN & OUT	7ga. ROUND IN & OUT	ADD FOR 1/4" URETHANE LINED	ADD FOR 10ga. AR STEEL	ADD FOR 1/4" CERAMIC TILE LINED
6"	Painted	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐
8"	Painted	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐
10"	Painted	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐
12"	Painted	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐
14"	Painted	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐
16"	Painted	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐
18"	Painted	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐
20"	Painted	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐
24"	Painted	☐	☐	☐	☐	☐
	Galvanized	☐	☐	☐	☐	☐



NEW INLINE K GATE VALVES
CALL FOR PRICING

ADD PRICE OF LINED TRANSITIONS FROM PAGE 11 TO SELECTED LINED SQUARE IN AND SQUARE OUT VALVES.

ADD 20% FOR 60° DIVERTER VALVES

PLEASE FIND ELECTRIC & AIR ACTUATED DRIVE ADDERS FOR ABOVE VALVES ON PAGES 19 & 20.
CONTACT PREMIER FOR STAINLESS STEEL PRICING AND SEE PAGE 33 FOR DIMENSIONAL INFORMATION.

www.premier-com.com

877-681-3064

PREMIUM 45° PAN VALVES

18

PREMIUM VALVES FEATURE BEARING SUPPORTED 1/4" CONTROL SHAFTS AND 7ga. CONSTRUCTION IS STANDARD ON ALL LARGER SIZES AS WELL AS ANGLE IRON REINFORCED HOUSING. PREMIER COMPONENTS PREMIUM VALVES WILL OUT-LAST AND OUT-PERFORM OTHER LIGHTER DUTY VALVES IN THE INDUSTRY. COMPARE OUR VALVES FEATURES TO THE COMPETITION!

45° Y-TYPE PREMIUM PAN VALVES

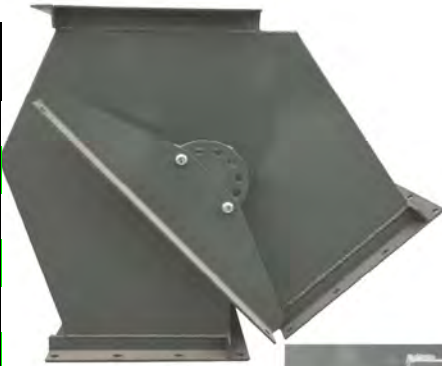
SIZE	CONFIGURATION	10ga. SQUARE IN & OUT	10ga. ROUND IN & OUT	7ga. SQUARE IN & OUT	7ga. ROUND IN & OUT	Add for 1/4" Urethane Lined	Add for 10ga. AR Steel Lined	Add for 1/4" Ceramic Tile Lined
6"	Painted	☒	☒	☒	☒	☒	☒	☒
	Galvanized	☒	☒	☒	☒	☒	☒	☒
8"	Painted	☒	☒	☒	☒	☒	☒	☒
	Galvanized	☒	☒	☒	☒	☒	☒	☒
10"	Painted	☒	☒	☒	☒	☒	☒	☒
	Galvanized	☒	☒	☒	☒	☒	☒	☒
12"	Painted	☒	☒	☒	☒	☒	☒	☒
	Galvanized	☒	☒	☒	☒	☒	☒	☒
14"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒
16"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒
18"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒
20"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒
24"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒



LINING PACKAGE IS FOR VALVE ONLY AND DOES NOT INCLUDE SQUARE TO ROUND TRANSITION LINING. ADD PRICE OF LINED TRANSITIONS FROM PAGE 11 TO SELECTED LINED SQUARE IN AND SQUARE OUT VALVES.

45° K-TYPE PREMIUM PAN VALVES

SIZE	CONFIGURATION	10ga. SQUARE IN & OUT	10ga. ROUND IN & OUT	7ga. SQUARE IN & OUT	7ga. ROUND IN & OUT	Add for 1/4" Urethane Lined	Add for 10ga. AR Steel Lined	Add for 1/4" Ceramic Tile Lined
6"	Painted	☒	☒	☒	☒	☒	☒	☒
	Galvanized	☒	☒	☒	☒	☒	☒	☒
8"	Painted	☒	☒	☒	☒	☒	☒	☒
	Galvanized	☒	☒	☒	☒	☒	☒	☒
10"	Painted	☒	☒	☒	☒	☒	☒	☒
	Galvanized	☒	☒	☒	☒	☒	☒	☒
12"	Painted	☒	☒	☒	☒	☒	☒	☒
	Galvanized	☒	☒	☒	☒	☒	☒	☒
14"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒
16"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒
18"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒
20"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒
24"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒



LINING PACKAGE IS FOR VALVE ONLY AND DOES NOT INCLUDE SQUARE TO ROUND TRANSITION LINING. ADD PRICE OF LINED TRANSITIONS FROM PAGE 11 TO SELECTED LINED SQUARE IN AND SQUARE OUT VALVES.

45° 3-WAY PREMIUM PAN VALVES

SIZE	CONFIGURATION	10ga. SQUARE IN & OUT	10ga. ROUND IN & OUT	7ga. SQUARE IN & OUT	7ga. ROUND IN & OUT	Add for 1/4" Urethane Lined	Add for 10ga. AR Steel Lined	Add for 1/4" Ceramic Tile Lined
6"	Painted	☒	☒	☒	☒	☒	☒	☒
	Galvanized	☒	☒	☒	☒	☒	☒	☒
8"	Painted	☒	☒	☒	☒	☒	☒	☒
	Galvanized	☒	☒	☒	☒	☒	☒	☒
10"	Painted	☒	☒	☒	☒	☒	☒	☒
	Galvanized	☒	☒	☒	☒	☒	☒	☒
12"	Painted	☒	☒	☒	☒	☒	☒	☒
	Galvanized	☒	☒	☒	☒	☒	☒	☒
14"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒
16"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒
18"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒
20"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒
24"	Painted	n/a	n/a	☒	☒	☒	☒	☒
	Galvanized	n/a	n/a	☒	☒	☒	☒	☒

* NOTE THAT 3-WAY VALVES REQUIRE TWO DRIVES.
CONTACT PREMIER FOR STAINLESS STEEL PRICING.
SEE PAGE 34 FOR DIMENSIONAL INFORMATION.



LINING PACKAGE IS FOR VALVE ONLY AND DOES NOT INCLUDE SQUARE TO ROUND TRANSITION LINING. ADD PRICE OF LINED TRANSITIONS FROM PAGE 11 TO SELECTED LINED SQUARE IN AND SQUARE OUT VALVES.

ADD 20% TO ABOVE PRICES FOR 60° PAN VALVES

AIR ACTUATED



AIR ACTUATED DRIVES		LOOSE	MOUNTED
AIR CYLINDER - 2-1/2" Bore (Required for air) 6" FOR "Y" Style 6AC		✱	✱ TO INSTALL AIR COMPONENTS
AIR CYLINDER - 2-1/2" Bore (Required for air) 12" for "K" Style 12AC		✱	
SINGLE SOLENOID VALVE (CLOSES AT POWER LOSS)	WEATHER TIGHT NEMA 4 (120 VAC or 24 VDC) WSSV	✱	
	EXPLOSION PROOF NEMA 9 ESSV	✱	
DOUBLE SOLENOID VALVE (HOLDS POSITION AT POWER LOSS)	WEATHER TIGHT NEMA 4 (120 VAC or 24 VDC) WDSV	✱	
	EXPLOSION PROOF NEMA 9 EDSV	✱	
LIMIT SWITCH POSITION INDICATION	INTRINSICALLY SAFE ELS	✱	
(includes a set of 2 limit switches)		✱	

***3 WAY VALVES REQUIRE TWO DRIVES (LIMIT SWITCHES ARE OPTIONAL)**

ADD PRICE OF VALVE TO AIR CYLINDER(S) AND SELECTED SOLENOID VALVE(S) FOR TOTAL COST.

MOTOR / GEARBOX



LIMIT SWITCHES
(OPPOSITE SIDE OF
GEARBOX)

MOTOR / GEARBOX
MOUNTED ON A
K-TYPE VALVE



6"-14" VALVE MOTOR / GEARBOX DRIVES	MOUNTED	LOOSE
1/4 HP, 1ph TEFC (TOTALLY ENCLOSED FAN COOLED) MGDR1TEFC	✱	✱
1/4 HP, 1ph NEMA 9 EXPLOSION PROOF MGDR1EP	✱	✱
1/4 HP, 3ph TEFC (TOTALLY ENCLOSED FAN COOLED) MGDR3TEFC	✱	✱
1/4 HP, 3ph NEMA 9 EXPLOSION PROOF MGDR3EP	✱	✱

Available in 1ph or 3ph (motor is C-faced to gearbox) – Available in TEFC weathertight and NEMA 9 explosion proof – separate wiring for motor (power) and limit switches – not available with potentiometer – 1/4 hp motor drive = 817 lbs force – gearbox output at 7 rpm

16"-30" VALVE MOTOR / GEARBOX DRIVES	MOUNTED	LOOSE
1 HP, 1ph TEFC (TOTALLY ENCLOSED FAN COOLED) HDMGDR1TEFC	✱	✱
1 HP, 1ph NEMA 9 EXPLOSION PROOF HDMGDR1EP	✱	✱
1 HP, 3ph TEFC (TOTALLY ENCLOSED FAN COOLED) HDMGDR3TEFC	✱	✱
1 HP, 3ph NEMA 9 EXPLOSION PROOF HDMGDR3EP	✱	✱

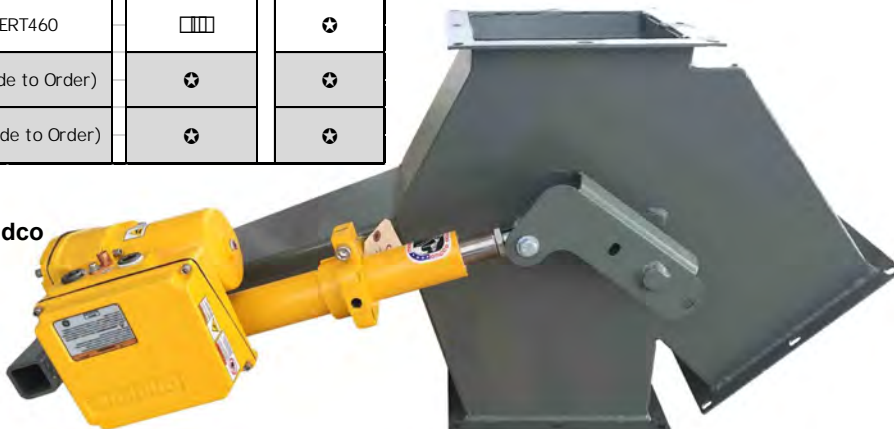
Available in 1ph or 3ph (motor is C-faced to gearbox) – Available in TEFC weathertight and NEMA 9 explosion proof – separate wiring for motor (power) and limit switches – not available with potentiometer – 1 hp motor drive = 5615 lbs force – gearbox output at 6 rpm

PREMIUM VALVE DRIVES ANDCO ACTUATORS

20

ANDCO ACTUATORS	Mounted	Loose
1/2" for "Y" Pan Valves	☆	☆
2" for "K" Pan Valves	☆	☆
Part # KTEGLCONVERT460	☆☆	☆
1/2" for "Y" Pan Valves (Made to Order)	☆	☆
2" for "K" Pan Valves (Made to Order)	☆	☆

ANDCO ACTUATOR MOUNTED ON A K-STYLE PAN VALVE



Y Style Pan and All Diverter Valves use 6" Andco Actuators. K Style Pan Valves use 12".

ANDCO ACTUATORS

PRODUCE 750 ft/lbs OF WORKING LOAD

OPERATE AT .8 INCHES PER SECOND

Andco Actuators are available in 1ph or 3ph and come hazardous duty standard. They are pre-wired from the factory with the limit switches and motor (power) wired together. They are available with a built-in potentiometer. No tools necessary to adjust the limit switches. Andco Actuators produce 750 ft/lbs of working load and operates at .8 inches per second. They are American made in Houston, TX.

JOYCE-DAYTON DRIVES

JOYCE-DAYTON DRIVES (Standard 1/2hp motor)	Mounted	Loose
1/2" for "Y" Pan Valves	☆	☆
1/2" for "K" Pan Valves	☆	☆
1/2" for "Y" Pan Valves	☆	☆
1/2" for "K" Pan Valves	☆	☆

JOYCE-DAYTON DRIVE MOUNTED ON A Y-STYLE DIVERTER VALVE



JOYCE-DAYTON DRIVES

1/3 hp—375 ft/lbs OF WORKING LOAD

1/2 hp—550 ft/lbs OF WORKING LOAD

3/4 hp—850 ft/lbs OF WORKING LOAD

OPERATE AT 1.43 INCHES PER SECOND

Joyce-Dayton drives are available in 1ph or 3ph (motor is C-faced to actuator) and come as either TEFC weathertight or Nema 9 explosion proof. They operate at 1.43 inches per second. They require separate wiring for motor (power) and the limit switches, though the TEFC models have built in limit switches. Potentiometers are unavailable for Joyce-Dayton drives. The 1/3 hp Motor drive produces 375 lbs of force, the 1/2 hp Motor drive produces 550 lbs of force, and the 3/4 hp Motor drive produces 850 lbs force. Joyce-Dayton drives are American made in Dayton, OH.

PREMIUM VALVE DRIVES

45° Y-TYPE GATE VALVES

						LINING PACKAGE IS FOR THE VALVE ONLY AND DOES NOT INCLUDE SQUARE TO ROUND TRANSITION LINING. ADD PRICE OF LINED TRANSITIONS FROM PAGE 11.	
SIZE	CONFIGURATION	10ga. SQUARE IN & OUT	10ga. ROUND IN & OUT	7ga. SQUARE IN & OUT	7ga. ROUND IN & OUT	★ Add for 10ga. AR LINED	★ Add for 1/4" Ceramic Tile Lined & 1/4" Thick AR Steel Blade
12"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
14"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
16"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
18"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
20"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
24"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
30"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
36"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼

Premier Components Y & K Style Gate valves have replaceable gate blades, wiper blades, machined steel rack & pinion motion and bearing-supported pinion shafts. They include top and bottom weather covers, flanged inlets and outlets and interlocking chain drives between blades for single operator control.

18" and larger gate valves have 1/4" shafts and 1/4" plate slides

45° K-TYPE GATE VALVES

						LINING PACKAGE IS FOR THE VALVE ONLY AND DOES NOT INCLUDE SQUARE TO ROUND TRANSITION LINING. ADD PRICE OF LINED TRANSITIONS FROM PAGE 11.	
SIZE	CONFIGURATION	10ga. SQUARE IN & OUT	10ga. ROUND IN & OUT	7ga. SQUARE IN & OUT	7ga. ROUND IN & OUT	★ Add for 10ga. AR LINED	★ Add for 1/4" Ceramic Tile Lined & 1/4" Thick AR Steel Blade
12"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
14"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
16"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
18"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
20"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
24"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
30"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
36"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼

Premier Components 3-Way Gate valves have replaceable gate blades, wiper blades, machined steel rack & pinion motion and bearing-supported pinion shafts. They include top and bottom weather covers and flanged inlets and outlets.

18" and larger gate valves have 1/4" shafts and 1/4" plate slides.

3-way gate valves require (3) drives to operate.

45° 3-WAY GATE VALVES

						LINING PACKAGE IS FOR THE VALVE ONLY AND DOES NOT INCLUDE SQUARE TO ROUND TRANSITION LINING. ADD PRICE OF LINED TRANSITIONS FROM PAGE 11.	
SIZE	CONFIGURATION	10ga. SQUARE IN & OUT	10ga. ROUND IN & OUT	7ga. SQUARE IN & OUT	7ga. ROUND IN & OUT	★ Add for 10ga. AR LINED	★ Add for 1/4" Ceramic Tile Lined & 1/4" Thick AR Steel Blade
12"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
14"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
16"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
18"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
20"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
24"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
30"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼
36"	Painted	☼	☼	☼	☼	☼	☼
	Galvanized	☼	☼	☼	☼	☼	☼

GATE VALVE ELECTRIC DRIVE OPTIONS ★★

ANDCO ELECTRIC ACTUATOR - ADD PRICE TO COST OF SELECTED SLIDE GATE

UP TO 12" STROKE	☼	UP TO 24" STROKE	☼
UP TO 18" STROKE	☼	UP TO 30" STROKE	☼
		UP TO 36" STROKE	☼

ELECTRIC ACTUATORS ARE 1 PH/120V AND COME WITH; (2) BUILT-IN LIMIT SWITCHES, FACE FLANGE MOUNTING BRACKET AND EXPLOSION PROOF ENCLOSURE.

MOTOR/GEARBOX DRIVE INCLUDING LIMIT SWITCHES - ADD TO COST OF SELECTED SLIDE GATE

1/2 HP / 1ph / 110V TEFC (TOTALLY ENCLOSED FAN COOLED) MOTOR WITH RA GEARBOX	☼
1/2 HP / 1ph / 110V NEMA 9 EXPLOSION PROOF MOTOR WITH RA GEARBOX	☼
1/2 HP / 3ph / 230-460V TEFC (TOTALLY ENCLOSED FAN COOLED) MOTOR WITH RA GEARBOX	☼
1/2 HP / 3ph / 230-460V NEMA 9 EXPLOSION PROOF MOTOR WITH RA GEARBOX	☼

ADD 20% FOR 60° DIVERTER VALVES

★★ 3-WAY VALVES REQUIRE (3) SEPARATE DRIVES TO OPERATE. INDIVIDUAL DRIVE SETUP IS AVAILABLE.

CONTACT PREMIER FOR STAINLESS STEEL PRICING.

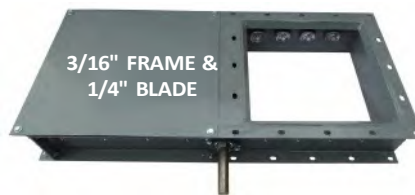
SEE PAGE 34 FOR DIMENSIONAL INFORMATION.

PREMIUM SLIDE GATES

PREMIUM GATE FRAMES ARE 3/16" STEEL WITH 1/4" THICK BLADES AND COME STANDARD WITH Ø1.9" SKATE WHEELS, BEARING SUPPORTED CONTROL SHAFTS, MACHINED RACK & PINIONS, BLADE WIPERS AND TOP WEATHER COVERS.

PREMIUM RACK & PINION ROLLER SLIDE GATES

SIZE	PAINTED	GALVANIZED
6"	✱	✱
8"	✱	✱
10"	✱	✱
12"	✱	✱
14"	✱	✱
16"	✱	✱
18"	✱	✱
20"	✱	✱



BOTTOM WEATHER COVERS
AVAILABLE SEPARATELY

SIZE	PAINTED	GALVANIZED
22"	✱	✱
24"	✱	✱
26"	✱	✱
28"	✱	✱
30"	✱	✱
32"	✱	✱
34"	✱	✱
36"	✱	✱

PREMIUM DUTY SLIDE GATES - ROD-PULL STYLE & ANDCO ACTUATOR OR PNEUMATIC ACTUATOR READY

SIZE	PAINTED	GALVANIZED
6"	✱	✱
8"	✱	✱
10"	✱	✱
12"	✱	✱
14"	✱	✱
16"	✱	✱
18"	✱	✱
20"	✱	✱



BOTTOM WEATHER COVERS
AVAILABLE SEPARATELY

SIZE	PAINTED	GALVANIZED
22"	✱	✱
24"	✱	✱
26"	✱	✱
28"	✱	✱
30"	✱	✱
32"	✱	✱
34"	✱	✱
36"	✱	✱

STANDARD DUTY SLIDE GATES

STANDARD DUTY GATE FRAMES ARE 10ga. STEEL WITH 10ga. BLADES

BEARING SUPPORTED CONTROL SHAFTS, MACHINED RACK & PINIONS, BLADE WIPERS AND TOP WEATHER COVERS.

STANDARD DUTY RACK & PINION ROLLER SLIDE GATES

SIZE	PAINTED	GALVANIZED
6"	✱	✱
8"	✱	✱
10"	✱	✱
12"	✱	✱
14"	✱	✱



BOTTOM WEATHER COVERS
AVAILABLE SEPARATELY

SIZE	PAINTED	GALVANIZED
16"	✱	✱
18"	✱	✱
20"	✱	✱
22"	✱	✱
24"	✱	✱

STANDARD DUTY SLIDE GATES - ROD-PULL STYLE & ANDCO ACTUATOR OR PNEUMATIC ACTUATOR READY

SIZE	PAINTED	GALVANIZED
6"	✱	✱
8"	✱	✱
10"	✱	✱
12"	✱	✱
14"	✱	✱



BOTTOM WEATHER COVERS
AVAILABLE SEPARATELY

SIZE	PAINTED	GALVANIZED
16"	✱	✱
18"	✱	✱
20"	✱	✱
22"	✱	✱
24"	✱	✱

ROUND HAND SLIDE GATES

SIZE	PAINTED	GALVANIZED
4"	✱	✱
6"	✱	✱
8"	✱	✱
10"	✱	✱
12"	✱	✱
14"	✱	✱
16"	✱	✱
18"	✱	✱



SQUARE HAND SLIDE GATES

SIZE	PAINTED	GALVANIZED
4"	✱	✱
6"	✱	✱
8"	✱	✱
10"	✱	✱
12"	✱	✱
14"	✱	✱
16"	✱	✱
18"	✱	✱



LOW PROFILE ROUND HAND SLIDE GATES

SIZE	PAINTED	GALVANIZED
4"	✱	✱
6"	✱	✱
8"	✱	✱
10"	✱	✱
12"	✱	✱
14"	✱	✱
16"	✱	✱
18"	✱	✱



SEE PAGE 60 FOR SCREW CONVEYOR SIZE SLIDE GATES.

CONTACT PREMIER COMPONENTS FOR STAINLESS STEEL PRICING.



SEE PAGES 23 & 24 FOR DRIVE OPTIONS AND SEE PAGE 33 FOR DIMENSIONAL INFORMATION.

MOTOR/GEARBOX SLIDE GATE DRIVE OPTIONS

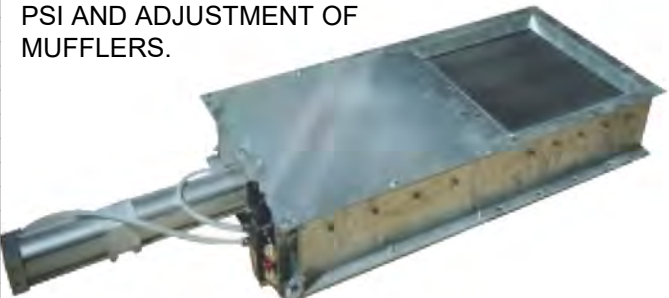
MOTOR/GEARBOX DRIVES (PROXIMITY STYLE LIMIT SWITCHES INCLUDED)				FACTORY MOUNTED	SUPPLIED LOOSE
1/2 hp, TEFC	RA GEARBOX	1 PH / 110V	SGDR1TEFC	★	★
1/2 hp, X-PRF	RA GEARBOX	1 PH / 110V	SGDR1EP	★	★
1/2 hp, TEFC	RA GEARBOX	3 PH / 230-460V	SGDR3TEFC	★	★
1/2 hp, X-PRF	RA GEARBOX	3 PH / 230-460V	SGDR3EP	★	★
1/2 hp, TEFC	RA GEARBOX	3 PH / 575V	SGDR5TEFC	★	★
1/2 hp, X-PRF	RA GEARBOX	3 PH / 575V	SGDR5EP	★	★
6", 8" and 10" - MICRO SWITCH REQUIRED					
1/2 hp, TEFC-MICRO	RA GEARBOX	1 PH / 110V	SGDR1TEFCMICRO	★	★
1/2 hp, X-PRF-MICRO	RA GEARBOX	1 PH / 110V	SGDR1EPMICRO	★	★
1/2 hp, TEFC-MICRO	RA GEARBOX	3 PH / 230-460V	SGDR3TEFCMICRO	★	★
1/2 hp, X-PRF-MICRO	RA GEARBOX	3 PH / 230-460V	SGDR3EPMICRO	★	★

MOTOR/GEARBOX
DRIVES OPERATE
AT 3.38" PER SEC



ADD AN EXTERNAL MOUNT POTENTIOMETER (PERCENTAGE OPEN / CLOSE)			PRICE
	FITS ANY SIZE GATE	(EMP) EXTERNALLY MOUNTED POTENTIOMETER	★
		(EF1024) POTENTIOMETER SHIPPED LOOSE (ENCODER FLEX 1024 12/24 VDC)	★
		(PTD) PROCESS TECH DISPLAY 100-240 VAC WITH 24VDC SENSOR POWER	★
A POTENTIOMETER WILL ALLOW ELECTRIC OPERATED GATES TO BE POSITIONED ANYWHERE FROM FULLY OPENED TO FULLY CLOSED.			
ADD PRICE OF MANUAL SLIDE GATE TO COST OF POTENTIOMETER			
	POTENTIOMETER MOUNTING ADAPTER SLEEVE	(PMA) Potentiometer mounting adapter sleeves are used for mounting a potentiometer to an existing (non-tapped) gate with a 1" control shaft.	PRICE ★

AIR ACTUATED (PNEUMATIC OPERATED) COMPONENTS - 90 psi minimum

		SUPPLIED LOOSE	INSTALLATION	
SINGLE SOLENOID (GATE CLOSSES AT POWER LOSS)	(WSSS) WEATHERTIGHT CONSTRUCTION (120 VAC or 24 VDC)	★	★ TO INSTALL PNEUMATIC COMPONENTS ON SLIDE GATES	
	(ESSS) EXPLOSION PROOF CONSTRUCTION	★		
DOUBLE SOLENOID (GATE HOLDS POSITION AT POWER LOSS)	(WDSS) WEATHERTIGHT CONSTRUCTION (120 VAC or 24 VDC)	★		
	(EDSS) EXPLOSION PROOF CONSTRUCTION	★		
★ MICRO LIMIT SWITCHES (OPTIONAL) 6"-14" (SET OF 2) SGMS		★		
★ GO LIMIT SWITCHES (OPTIONAL) 16" AND LARGER (SET OF 2) SGLS		★		
CYLINDER (TRAVEL)	PRICE	<p>AIR ACTUATED SLIDE GATES SPEED CAN BE VARIED BASE ON PSI AND ADJUSTMENT OF MUFFLERS.</p> 		
6" AIR CYLINDER	★			
8" AIR CYLINDER	★			
10" AIR CYLINDER	★			
12" AIR CYLINDER	★			
14" AIR CYLINDER	★			
16" AIR CYLINDER	★			
18" AIR CYLINDER	★			
20" AIR CYLINDER	★			
22" AIR CYLINDER	★			
24" AIR CYLINDER	★			
26" AIR CYLINDER	★			
28" AIR CYLINDER	★			
30" AIR CYLINDER	★			
32" AIR CYLINDER	★			
34" AIR CYLINDER	★			
36" AIR CYLINDER	★			

ADD PRICE OF SLIDE GATE TO COST OF APPROPRIATE AIR CYLINDER, SELECTED SOLENOID(S), AND LIMIT SWITCHES.

ANDCO EAGLE ACTUATOR SLIDE GATE DRIVE OPTIONS



PREMIER COMPONENTS
STOCKS
ANDCO ACTUATORS



ANDCO ACTUATORS OPERATE
UP TO 2" PER SEC. STANDARD
SPEED IS .8" PER SEC.

ANDCO INSTALLATION FOR GATES: ★

INCLUDES FACE / FLANGE MOUNT FOR SLIDE GATE MOUNTING.

ACTUATOR STROKE LENGTH	STANDARD ACTUATOR	ACTUATOR W/ POTENTIOMETER
UP TO 6"	★	★
UP TO 12"	★	★
UP TO 18"	★	★
UP TO 24"	★	★
UP TO 30"	★	★
UP TO 36"	★	★

POTENTIOMETER OPTIONS ARE BUILT INTO UNITS. ADD PRICE OF SELECTED ANDCO-READY GATE TO THE ABOVE.
ANDCO ACTUATORS ARE 1 PH/120V AND COME WITH; (2) BUILT-IN LIMIT SWITCHES, FACE FLANGE MOUNTING BRACKET AND
EXPLOSION PROOF ENCLOSURE.

FEATURES

- ★ Non-rotating drive rod
- ★ Non-backdriving
- ★ All metal gearing
- ★ Compact with electric mechanical repeatability
- ★ Simple to mount; easy to wire
- ★ Comparable cost to pneumatic or hydraulic systems
- ★ Equivalent in size to hydraulic or pneumatic cylinders
- ★ Operating temperature range -40°F to +150°F



ADDITIONAL FACTORY DIRECT OPTIONS

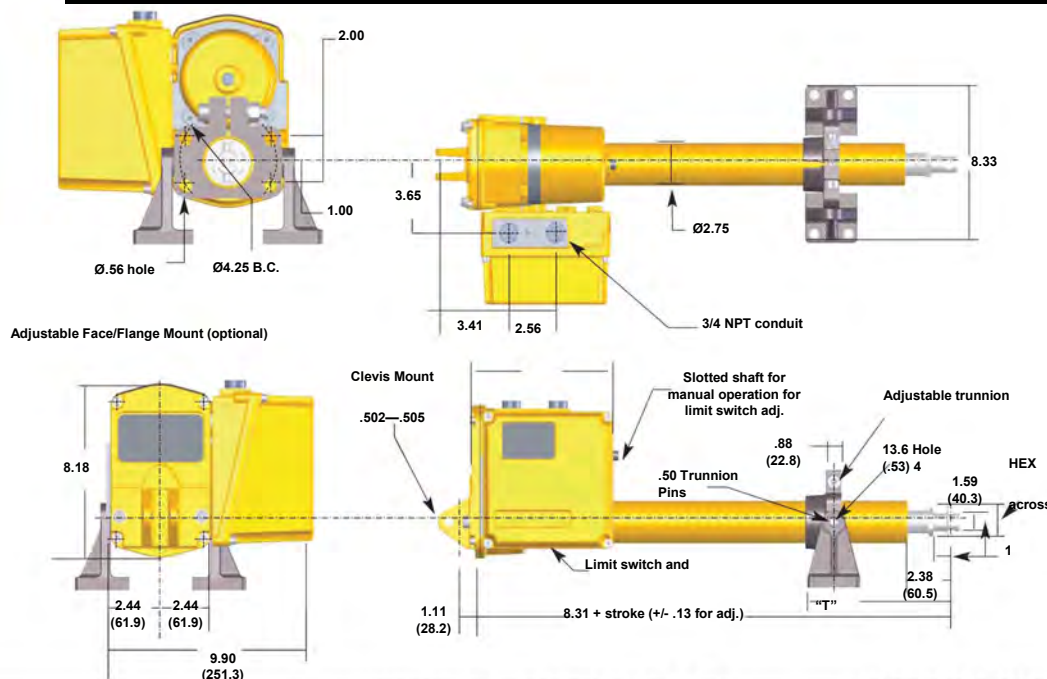
ANDCO EAGLE MODEL 3100 ACME SCREW LINEAR ACTUATORS

STROKE LENGTH	115VAC, 1PH	230VAC, 3PH	460VAC, 3PH	575VAC, 3PH
UP TO 6"	★	★	★	★
UP TO 12"	★	★	★	★
UP TO 18"	★	★	★	★
UP TO 24"	★	★	★	★
UP TO 30"	★	★	★	★
UP TO 36"	★	★	★	★

STANDARD EQUIPMENT INCLUDES THE FOLLOWING FEATURES: CLASS B INSULATION, DUST IGNITION PROOF ENCLOSURE (NEMA 9, CLASS II, DIVISION 1, GROUPS E, F & G), (NOTE: A DUST-IGNITION PROOF ACTUATOR IS ALSO WEATHERPROOF), DOUBLE PULL / DOUBLE THROW LIMIT SWITCHES (DPDT), CLEVIS AND PIN (DRIVE ROD END) & CLEVIS MOUNT (MOTOR END)

OPTIONAL EQUIPMENT - FACTORY INSTALLED		PART #	PRICE ADDER
MOUNTING	ADJUSTABLE TRUNNION MOUNT	EATM	★
	ADJUSTABLE FACE/FLANGE MOUNT	EAFFM	★
MOUNTING	TRUNNION MOUNTING BRACKETS (PAIR)	ETMB	★
BRACKETS	CLEVIS SWIVEL BRACKET (MOTOR END)	ESCB	★
OVERSIZED ROD END CLEVIS		EOREC	★
FEEDBACK: POTENTIOMETER (0-1000 OHM)		EP	★
LIMIT SWITCH COMPT HEATER (120VAC, 20w)		ACH	★
ROD COVER	6" - 12"	ERC6-12	★
	18" - 24"	ERC18-24	★
	30" - 36"	ERC30-36	★
MANUAL OVER-RIDE HANDWHEEL 5"		EH	★

OPTIONS/EQUIPMENT FIELD-INSTALLED PRICING - FOR EXISTING ANDCO UNITS	PART #	PRICE
EAGLE FACE / FLANGE MOUNT KIT	EAFFM	★
FEEDBACK: POTENTIOMETER (0-1000 OHM)	EP	★
460VAC CONVERSION KIT (SINGLE PHASE TO THREE PHASE)		★
MOTOR, 115VAC, 1PH	EMSP115V	★
MOTOR, 230VAC, 3PH	EM230V	★
MOTOR, 460VAC, 3PH	EM460V	★
MOTOR, 575VAC, 3PH	EM575V	★
MOTOR, 230VAC, 1PH	EMSP230V	★



NOTES

1. Unbracketed dimensions are in inches
2. Bracketed dimensions () are in millimeters
3. Dimensions shown with actuator fully retracted

ADJUSTABLE TRUNNION OR FACE/FLANGE

"T" Adjustable Dimensions		
Stroke	Inches	Millimeters
6	2.38 - 2.88	(60.45 - 73.15)
12	2.38 - 8.00	(60.45 - 203.20)
18	2.38 - 14.00	(60.45 - 355.60)
24	2.38 - 20.00	(60.45 - 508.00)
30	8.38 - 26.00	(212.85 - 660.40)
36	14.38 - 32.00	(365.25 - 812.80)

EAGLE ELECTRICAL CYLINDER PERFORMANCE

3100 SERIES				
Velocity (in./sec.)	Breakaway Force (lbs.)	Running Force (lbs. @ 5% duty)	Weight Range (lbs.)	Stroke (in.)
0.2	2000	1000	35-75	6, 12
0.4	1500	750		18, 24
0.8	750	340		30 & 36
2.0	500	200		

(ADD PRICE TO PRICE OF PREMIUM SLIDE GATE)

ADDER PRICE FOR ABRASION RESISTANT 1/4" AR235 BLADES ON SLIDE GATES

SIZE	PRICE
6"	★
8"	★
10"	★
12"	★

SIZE	PRICE
14"	★
16"	★
18"	★
20"	★

SIZE	PRICE
22"	★
24"	★
26"	★
28"	★

SIZE	PRICE
30"	★
32"	★
34"	★
36"	★



PREMIER COMPONENTS RECOMMENDS CAM ROLLERS BE UTILIZED ON SLIDE GATES THAT ARE UNDER HEAVY LOAD CONDITIONS. PRICES NEED ADDED TO THE PREMIUM RACK AND PINION ROLLER GATE PRICING FOR FINAL COST.



HEAVY DUTY CAM ROLLERS

SIZE	PRICE
6"	★
8"	★
10"	★
12"	★
14"	★
16"	★
18"	★
20"	★

SIZE	PRICE
22"	★
24"	★
26"	★
28"	★
30"	★
32"	★
34"	★
36"	★

BOTTOM WEATHER COVERS

SIZE	PAINTED	GALV.	SIZE	PAINTED	GALV.
6"	★	★	22"	★	★
8"	★	★	24"	★	★
10"	★	★	26"	★	★
12"	★	★	28"	★	★
14"	★	★	30"	★	★
16"	★	★	32"	★	★
18"	★	★	34"	★	★
20"	★	★	36"	★	★

WALL MOUNT

SIZE	PRICE	SIZE	PRICE
6"	★	16"	★
8"	★	18"	★
10"	★	20"	★
12"	★	22"	★
14"	★	24"	★

DUST HOPPER

SIZE	PRICE	SIZE	PRICE
6"	★	16"	★
8"	★	18"	★
10"	★	20"	★
12"	★	22"	★
14"	★	24"	★

Prices shown above are for 10ga. Painted. Call for prices of 26" thru 36".

10" HAND
WHEEL 1"
BORE ★10 1/2" CHAIN
WHEEL 1"
BORE ★10" CABLE
WHEEL 1"
BORE ★CHAIN/CABLE
GUIDE ★

CHAIN ★

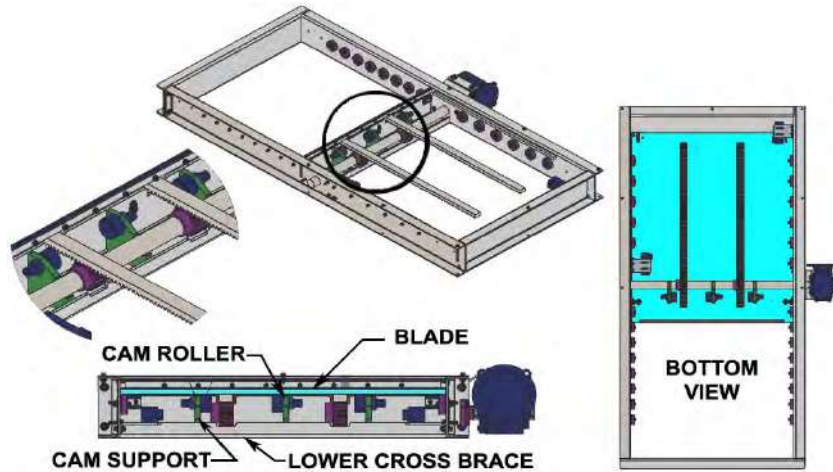
QUICK CHAIN
CONNECTING
LINK ★PAINTED REMOTE RACK &
PINION ACTIVATOR FOR ROD
PULL GATE ★MACHINED STEEL RACK 1" BORE
PINION GEAR 1" BORE ★CHAIN & CABLE LOCK
★HEAVY DUTY CAM
ROLLERS
★GALVANIZED SKATE
WHEELS
★2 BOLT FLANGE BEARINGS
1" BORE
★

CONTACT PREMIER COMPONENTS FOR STAINLESS STEEL PRICING.

MAXIMUM LOAD PREMIUM SLIDE GATES



SIZE	PAINTED	GALVANIZED
24"	★	★
26"	★	★
28"	★	★
30"	★	★
32"	★	★
34"	★	★
36"	★	★



Larger sizes are available. Contact Premier for pricing.

Maximum Load Premium Slide Gates from Premier Components are designed to withstand heavy loads. Rigid frames are constructed of 1/4" thick steel and the blades are 1/2" thick steel as standard. Maximum Load Premium Slide Gates come standard with top weather covers and bottom weather covers are an added option. Tight tolerance cam rollers on each side of the blade lead to smooth operation even when loaded. Three extra bracket mounted cam rollers on the exterior side of the rack along with one in the center ensures strength and minimizes deflection. Each gate utilizes 1½" control shafts and double rack and pinion gears for precise movement. 20" Heavy Duty control wheels or Heavy Duty 1hp motor/gearbox drives are perfect options for controlling these gates. Please add the price of your selected Maximum Load Premium Slide Gate to these control options that are shown below.

20" HEAVY DUTY
CONTROL WHEEL

Ø 1"
BORE
(can be drilled to
your specifications)



★ each

WEATHER COVERS

SIZE	PAINTED	GALVANIZED
24"	★	★
26"	★	★
28"	★	★
30"	★	★
32"	★	★
34"	★	★
36"	★	★



HEAVY DUTY MOTOR/GEARBOX SLIDE GATE DRIVE OPTIONS

MOTOR/GEARBOX DRIVES (PROXIMITY STYLE LIMIT SWITCHES INCLUDED)				FACTORY MOUNTED	SUPPLIED LOOSE
1 hp, TEFC	RA GEARBOX	1 PH / 110V	HDSGDR1TEFC	★	★
1 hp, X-PRF	RA GEARBOX	1 PH / 110V	HDSGDR1EP	★	★
1 hp, TEFC	RA GEARBOX	3 PH / 230-460V	HDSGDR3TEFC	★	★
1 hp, X-PRF	RA GEARBOX	3 PH / 230-460V	HDSGDR3EP	★	★
1 hp, TEFC	RA GEARBOX	3 PH / 575V	HDSGDR3575TEFC	★	★
1 hp, X-PRF	RA GEARBOX	3 PH / 575V	HDSGDR3575EP	★	★

ADD PRICE OF MANUAL SLIDE GATE TO COST OF SELECTED MOTOR/GEARBOX COMBO



MOTOR/GEARBOX DRIVEN SLIDE
GATES OPERATE AT 3.38" PER
SECOND

ADD AN EXTERNAL MOUNT POTENTIOMETER (PERCENTAGE OPEN / CLOSE)

PRICE



FITS ANY SIZE GATE

EXTERNALLY MOUNTED POTENTIOMETER

POTENTIOMETER SHIPPED LOOSE

POTENTIOMETER REMOTE DISPLAY W/ DUAL RELAYS

A POTENTIOMETER WILL ALLOW ELECTRIC OPERATED GATES TO BE POSITIONED
ANYWHERE FROM FULLY OPENED TO FULLY CLOSED.

Adapter Sleeve
PMA

★

ADD PRICE OF MANUAL SLIDE GATE TO COST OF POTENTIOMETER

INDICATE FULL ROUND (FR) OR FLAT BACK (FB)

SIZE	# Ducts	FULL ROUND OR FLAT BACK	45° PAINTED	45° GALVANIZED	LINING OPTIONS			
					10GA AR or URETHANE LINER		10GA CERAMIC TILE	
					INNER SPOUT ONLY	INNER SPOUT & DISCHARGE	INNER SPOUT ONLY	INNER SPOUT & DISCHARGE STUBS
6	4	FR or FB	☺	☺	☺	☺	☺	☺
	6	FR or FB	☺	☺	☺	☺	☺	☺
	8	FR or FB	☺	☺	☺	☺	☺	☺
	10	FR or FB	☺	☺	☺	☺	☺	☺
	12	FR or FB	☺	☺	☺	☺	☺	☺
	14	FR	PLEASE CALL FOR PRICING					
	16	FR						
	18	FR						

SIZE	# Ducts	FULL ROUND OR FLAT BACK	45° PAINTED	45° GALVANIZED	LINING OPTIONS			
					10GA AR or URETHANE LINER		10GA CERAMIC TILE	
					INNER SPOUT ONLY	INNER SPOUT & DISCHARGE	INNER SPOUT ONLY	INNER SPOUT & DISCHARGE STUBS
8	4	FR or FB	☺	☺	☺	☺	☺	☺
	6	FR or FB	☺	☺	☺	☺	☺	☺
	8	FR or FB	☺	☺	☺	☺	☺	☺
	10	FR or FB	☺	☺	☺	☺	☺	☺
	12	FR or FB	☺	☺	☺	☺	☺	☺
	14	FR	PLEASE CALL FOR PRICING					
	16	FR						
	18	FR						

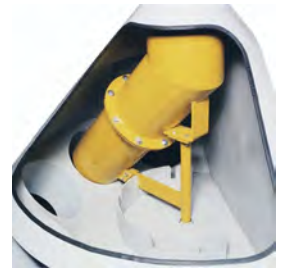
SIZE	# Ducts	FULL ROUND OR FLAT BACK	45° PAINTED	45° GALVANIZED	LINING OPTIONS			
					10GA AR or URETHANE LINER		10GA CERAMIC TILE	
					INNER SPOUT ONLY	INNER SPOUT & DISCHARGE	INNER SPOUT ONLY	INNER SPOUT & DISCHARGE STUBS
10	4	FR or FB	☺	☺	☺	☺	☺	☺
	6	FR or FB	☺	☺	☺	☺	☺	☺
	8	FR or FB	☺	☺	☺	☺	☺	☺
	10	FR or FB	☺	☺	☺	☺	☺	☺
	12	FR or FB	☺	☺	☺	☺	☺	☺
	14	FR	PLEASE CALL FOR PRICING					
	16	FR						
	18	FR						

SIZE	# Ducts	FULL ROUND OR FLAT BACK	45° PAINTED	45° GALVANIZED	LINING OPTIONS			
					10GA AR or URETHANE LINER		10GA CERAMIC TILE	
					INNER SPOUT ONLY	INNER SPOUT & DISCHARGE	INNER SPOUT ONLY	INNER SPOUT & DISCHARGE STUBS
12	4	FR or FB	☺	☺	☺	☺	☺	☺
	6	FR or FB	☺	☺	☺	☺	☺	☺
	8	FR or FB	☺	☺	☺	☺	☺	☺
	10	FR or FB	☺	☺	☺	☺	☺	☺
	12	FR or FB	☺	☺	☺	☺	☺	☺
	14	FR	PLEASE CALL FOR PRICING					
	16	FR						
	18	FR						

SIZE	# Ducts	FULL ROUND OR FLAT BACK	45° PAINTED	45° GALVANIZED	LINING OPTIONS			
					10GA AR or URETHANE LINER		10GA CERAMIC TILE	
					INNER SPOUT ONLY	INNER SPOUT & DISCHARGE	INNER SPOUT ONLY	INNER SPOUT & DISCHARGE STUBS
14	4	FR or FB	☺	☺	☺	☺	☺	☺
	6	FR or FB	☺	☺	☺	☺	☺	☺
	8	FR or FB	☺	☺	☺	☺	☺	☺
	10	FR or FB	☺	☺	☺	☺	☺	☺
	12	FR or FB	☺	☺	☺	☺	☺	☺
	14	FR	PLEASE CALL FOR PRICING					
	16	FR						
	18	FR						

SIZE	# Ducts	FULL ROUND OR FLAT BACK	45° PAINTED	45° GALVANIZED	LINING OPTIONS			
					10GA AR or URETHANE LINER		10GA CERAMIC TILE	
					INNER SPOUT ONLY	INNER SPOUT & DISCHARGE	INNER SPOUT ONLY	INNER SPOUT & DISCHARGE STUBS
16	4	FR or FB	☺	☺	☺	☺	☺	☺
	6	FR or FB	☺	☺	☺	☺	☺	☺
	8	FR or FB	☺	☺	☺	☺	☺	☺
	10	FR or FB	☺	☺	☺	☺	☺	☺
	12	FR or FB	☺	☺	☺	☺	☺	☺
	14	FR	PLEASE CALL FOR PRICING					
	16	FR						
	18	FR						

SIZE	# Ducts	FULL ROUND OR FLAT BACK	45° PAINTED	45° GALVANIZED	LINING OPTIONS			
					10GA AR or URETHANE LINER		10GA CERAMIC TILE	
					INNER SPOUT ONLY	INNER SPOUT & DISCHARGE	INNER SPOUT ONLY	INNER SPOUT & DISCHARGE STUBS
18	4	FR or FB	☺	☺	☺	☺	☺	☺
	6	FR or FB	☺	☺	☺	☺	☺	☺
	8	FR or FB	☺	☺	☺	☺	☺	☺
	10	FR or FB	☺	☺	☺	☺	☺	☺
	12	FR or FB	☺	☺	☺	☺	☺	☺
	14	FR	PLEASE CALL FOR PRICING					
	16	FR						
	18	FR						



FB: FLAT BACK (SHOWN)

STANDARD FEATURES

- 3/16" PL inner spout
- Flanged and bolted Inner spout for removal through inspection door
- Inner spout enters discharge stub
- Locking ring for Positive spout positioning
- Replaceable inlet stub
- Inspection door
- 10ga. Discharge Stubs flanged

AVAILABLE CONFIGURATIONS

- 6" up to 24" round Spout in 45° and 60° options

Pricing reflects pipe or cable control operation.

See page 28 for available power options.

Contact Premier for stainless construction.

SUPERIOR ALIGNMENT FOR LEAK FREE OPERATION

Our distributor inner spouts are positively aligned with discharge stubs using a locator ring with alignment slots for each outlet. The inner spout enters the discharge stub as it is lowered into the locator ring.

The inner spout entry into the discharge stub, combined with the inner spout seal, provides leak free operation, even in a choked spout situation.

The locator ring prevents the inner spout from dropping down, until it is aligned with the discharge stub. This prevents "partial alignment" of the inner spout and discharge stub. Both manual and electric distributors utilize the same alignment process.

CONTACT PREMIER COMPONENTS FOR SWING-FLO DISTRIBUTOR PRICING AND SPECIFICATIONS.
SEE PAGE 29 FOR DIMENSIONS AND SPECIFICATIONS FOR FULL ROUND AND FLAT BACK DISTRIBUTORS.



Power Select™ is an electric positioning system that can be supplied with a new distributor or as a retro-fit package for an existing distributor. Power Select™ utilizes a self contained hydraulic system to provide control for distributors with up to 24 outlets.

Each Power Select™ contains a hydraulic power unit that comes standard with 120V single phase electrical requirement. 480V 3 phase and Class II group G explosion proof units are also available options.

Solenoid Valves are mounted directly to the hydraulic power unit to reduce the chances of oil leakage.



**CONTROL
PANEL**

The operator control station is supplied with every unit. This station is connected to the distributor power unit with standard electrical wire. Eight wires are required for distributors up to 12 holes and 9 wires are required for units with 13 to 24 holes.

Direct coupling of the Power Select™ drive unit provides simple trouble free operation and eliminates the chance of broken chains and sprockets and frozen slip clutches.

Proximity sensors provide all position information to the micro PLC that controls the system and makes decisions based on the input received from the operator station and the sensors.

Heavy duty hydraulic cylinders and motors provide the lift and rotation motions and are rated at over 1500 psi continuous duty usage.

POWER SELECT™	PRICE
For 6" to 18" units 4-12 Outlet Distributors 110/1/60 Electric Requirement Complete with Operator Station Panel	+

POWER SELECT™	PRICE
For 18" units or larger 10-24 Outlet Distributors 110/1/60 Electric Requirement Complete with Operator Station Panel	+

POWER SELECT™	PRICE
For 6" to 18" units 4-12 Outlet Distributors 460/3/60 Electric Requirement Complete with Operator Station Panel	+

POWER SELECT™	PRICE
For 18" units or larger 10-24 Outlet Distributors 460/3/60 Electric Requirement Complete with Operator Station Panel	+

OPTIONS:

Add to selected Power Select™ model to convert to Class 2, Group G Explosion. This rating applies only to the drive portion of the Power Select unit. The operator control station must be mounted in a non hazardous location. (Contact Premier Components for hazardous location control stations)

ADD

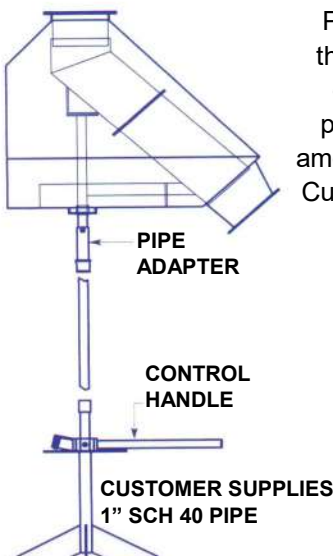
+

Deduct from selected Power Select™ model if the Operator Control Station is not required. If the control signals will be provided from a central control computer the operator control station may not be necessary and can be eliminated from the system.

DEDUCT

+

PIPE CONTROL KIT

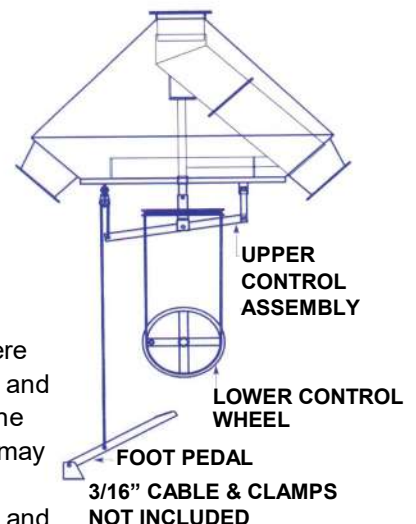


MANUAL CONTROLS

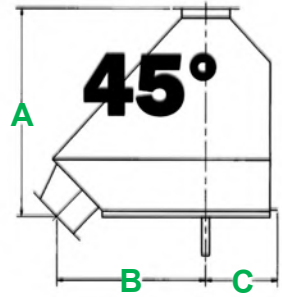
Pipe control kits are normally used where there is a direct line from the control to the distributor without obstruction. Each kit provides a rigid connection with a minimal amount of moving parts for less maintenance. Customers to supply their own Ø1" schedule 40 pipe.

Cable control kits are primarily used where there are obstructions between the control and the distributor. Cables grant installers the option of go around augers or piping that may be in the direct path to the distributor. Customers to supply their own 3/16" cable and cable clamps.

CABLE CONTROL KIT



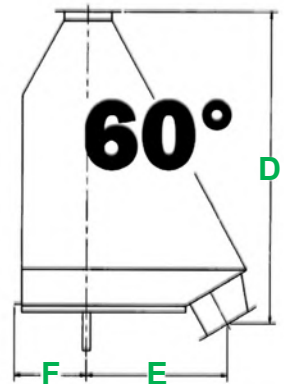
45° SLOPE DISTRIBUTORS									60° SLOPE DISTRIBUTORS								
SIZE	# Ducts	FR/FB	A	B	C	D	E	F	SIZE	# Ducts	FR/FB	A	B	C	D	E	F
6"	4	FR	28 1/4	16 1/2	-	38	15	-	12"	4	FR	33 1/2	20 1/4	-	43 3/4	19	-
	4	FB	28 3/4	17	5 1/2	39	15 1/2	5 1/2		4	FB	36	22 3/4	8 3/4	50	21 1/2	8 1/2
	6	FR	28 3/4	17	-	39	15 1/2	-		6	FR	36	22 3/4	-	50	21 1/2	-
	6	FB	32 1/2	20 3/4	5 1/2	45 1/2	19 1/2	5 1/2		6	FB	43 3/4	30 1/2	8 1/2	63 1/2	29 1/4	8 1/2
	8	FR	29 1/4	17 1/2	-	39 3/4	16	-		8	FR	38 1/2	25 1/4	-	52 1/4	24	-
	8	FB	34	22 1/4	10 1/4	48 1/4	21	10 1/4		8	FB	47	34	16 1/4	69 1/4	32 1/2	16 1/4
	10	FR	32 1/2	20 3/4	-	45 1/2	19 1/2	-		10	FR	43 3/4	30 1/2	-	63 1/2	29 1/4	-
	10	FB	40 1/4	28 1/2	10 1/4	58 3/4	27	10 1/4		10	FB	57	44	16 1/4	86 3/4	42 3/4	16 1/2
	12	FR	34	22 1/4	-	48 1/4	21	-		12	FR	47	34	-	69 1/2	32 1/2	-
	12	FB	43 1/4	31 1/2	14 3/4	64	30 1/4	15		12	FB	62	49	23 3/4	95 1/2	47 3/4	23 3/4
	14	FR	37	25 1/4	-	53 1/2	24	-		14	FR	52	39	-	78	37 1/2	-
	16	FR	40 1/4	28 1/2	-	58 3/4	27	-		16	FR	57	44	-	86 3/4	42 3/4	-
	18	FR	43 1/4	31 1/2	-	64	30	-		18	FR	62	49	-	95 1/2	47 3/4	-



8"	4	FR	30	17 3/4	-	40 1/2	16 1/2	-	14"	4	FR	36	21 3/4	-	49 1/2	20 1/4	-
	4	FB	31	18	6 1/2	42 1/2	17 1/2	6 1/2		4	FB	39 1/4	25	10	55	23 1/2	10
	6	FR	31	18 3/4	-	42 1/2	17 1/2	-		6	FR	39 1/4	25	-	55	23 1/2	-
	6	FB	36 1/4	24	6 1/2	51 1/2	22 3/4	6 1/2		6	FB	48 3/4	34 1/4	10	71 1/4	33	10
	8	FR	32 1/4	20	-	44 1/2	18 3/4	-		8	FR	42 1/2	28 1/4	-	60 1/2	27	-
	8	FB	38 1/4	26	12 1/4	55	24 3/4	12 1/4		8	FB	53	38 1/2	18 3/4	78 1/2	37 1/4	18 3/4
	10	FR	36 1/4	24	-	51 1/2	22 3/4	-		10	FR	48 3/4	34 1/4	-	71 1/4	33	-
	10	FB	45 3/4	33 1/2	12 1/4	68	32 1/4	12 1/4		10	FB	64 1/2	50 1/4	18 3/4	98 3/4	48 3/4	19
	12	FR	38 1/4	26	-	55	24 3/4	-		12	FR	53	38 1/2	-	78 1/2	37 1/4	-
	12	FB	49 1/2	37 1/4	17 3/4	74 1/4	36	17 3/4		12	FB	70 1/4	56	27 1/4	108 3/4	54 1/2	27 1/2
	14	FR	42	30	-	61 1/2	28 1/2	-		14	FR	58 3/4	44 1/4	-	86 1/2	43	-
	16	FR	45 3/4	33 1/2	-	68	32 1/4	-		16	FR	64 1/2	50 1/4	-	98 3/4	48 3/4	-
	18	FR	49 1/2	37 1/4	-	74 1/4	36	-		18	FR	70 1/4	56	-	108 3/4	54 1/2	-

FR = FULL ROUND

FB=FLAT BACK (SHOWN)



10"	4	FR	32	19	-	43 1/4	17 3/4	-	16"	4	FR	37 3/4	23	-	52	21 1/2	-
	4	FB	33 1/2	21	7 1/2	46 1/2	19 1/2	7 1/2		4	FB	41 1/2	27	11	58 1/2	25 1/2	11
	6	FR	33 1/2	20 3/4	-	46 1/2	19 1/2	-		6	FR	41 1/2	27	-	58 1/2	25 1/2	-
	6	FB	40	27 1/4	7 5/8	57 3/4	26	7 1/2		6	FB	52 1/4	37 1/2	11	77	36	11
	8	FR	35 1/2	22 3/4	-	49 1/2	21 1/4	-		8	FR	45 1/2	30 3/4	-	65 1/4	29 1/2	-
	8	FB	43	30	14 1/4	62 1/2	28 3/4	14 1/4		8	FB	57	42 1/4	20 3/4	85 1/2	41	20 3/4
	10	FR	40	27 1/4	-	57 3/4	26	-		10	FR	42 1/4	37 1/2	-	77	36 1/4	-
	10	FB	52	39	14 1/4	77 3/4	37 1/2	14 1/4		10	FB	70	55 1/4	20 3/4	107 3/4	54	21
	12	FR	43	30	-	62 1/2	28 3/4	-		12	FR	57	42 1/4	-	85 1/2	41	-
	12	FB	56	43 1/4	20 3/4	85 1/4	42	21		12	FB	76 1/2	61 3/4	30 1/4	119	60 1/4	30 1/4
	14	FR	47 1/4	34 1/2	-	70	33 1/4	-		14	FR	63 1/2	49	-	96 1/2	47 1/2	-
	16	FR	51 1/2	39	-	77 3/4	37 1/2	-		16	FR	70	55 1/4	-	107 3/4	54	-
	18	FR	56	43 1/4	-	85 1/4	42	-		18	FR	76 1/2	61 3/4	-	119	60 1/4	-

CUSHION BOX, FLOW RETARDER & DEADSTOP RECOMMENDATIONS

Research has shown that product damage can be prevented by keeping the traveling velocity in spouting systems below 1,750 feet per minute for low moisture free flowing grains. The following chart can be used to determine at which points in a spouting system cushion boxes, deadstops or flow retarders should be utilized.

VELOCITY OF GRAIN SHOWN IN FEET PER MINUTE (FPM)												
SPOUT LENGTH	ANGLE OF SPOUT											
	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°
5'	400	524	618	700	770	830	885	935	975	1010	1050	1075
10'	570	742	875	990	1090	1180	1255	1320	1380	1435	1485	1520
15'	696	908	1070	1210	1335	1440	1530	1615	1690	1755	1820	1860
20'	805	1047	1235	1400	1540	1665	1770	1870	1950	2025	2100	2150
25'	899	1170	1380	1560	1725	1860	1975	2085	2180	2265	2340	2400
30'	985	1280	1520	1710	1890	2040	2165	2285	2390	2480	2570	2635
40'	1135	1480	1750	1975	2180	2355	2500	2640	2760	2865	2970	3040
50'	1270	1655	1950	2210	2440	2635	2800	2955	3090	3210	3320	3400
60'	1390	1810	2140	2420	2670	2880	3065	3240	3390	3520	3640	3720
70'	1500	1960	2310	2615	2880	3110	3315	3500	3660	3800	3930	4025
80'	1605	2090	2470	2795	3080	3330	3540	3740	3905	4055	4200	4295
90'	1705	2220	2620	2960	3275	3535	3760	3965	4150	4310	4460	4550
100'	1798	2340	2765	3120	3450	3720	3960	4180	4370	4540	4700	4800
125'	2005	2620	3090	3500	3860	4165	4440	4680	4890	5080	5250	5370
150'	2200	2865	3390	3835	4225	4560	4850	5120	5450	5560	5750	5880

PENDULUM STYLE DISTRIBUTORS



10 DUCT PENDULUM STYLE DISTRIBUTOR SHOWN.



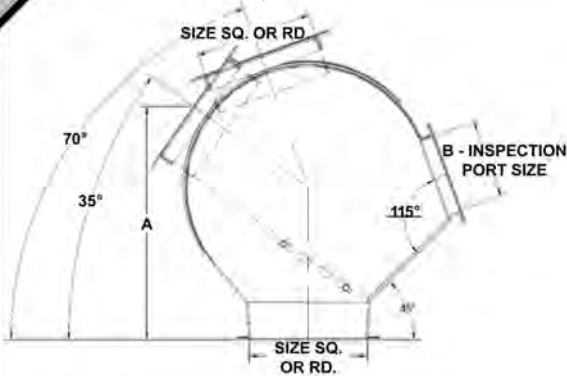
SIDE VIEW WITH
ACCESS COVERS
REMOVED

STANDARD FEATURES ON PREMIER COMPONENTS PENDULUM DISTRIBUTORS

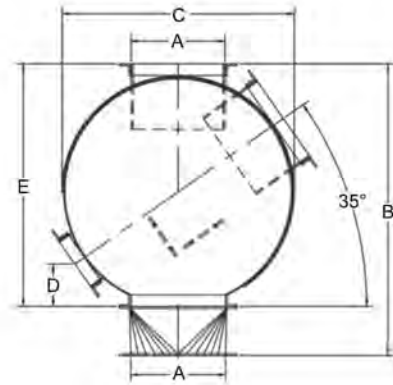
- * 12ga. OUTER HOUSING
- * 3/16" PLATE INLET BELL AND INNER SPOUT
- * 10GA. FLANGED DISCHARGE STUBS
- * INNER SPOUT ENTERS DISCHARGE STUB FOR POSITIVE ALIGNMENT AND SMOOTH PRODUCT FLOW
- * SELF CONTAINED HYDRAULIC DRIVE SYSTEM WITH 110V/1PH MOTOR AND CONTROLS
- * LARGE ACCESS COVERS FOR LONG TERM MAINTENANCE AND SERVICE TO INTERIOR COMPONENTS
- * CONTROL PLC ALLOWS OPERATION BY PROVIDED TOUCH SCREEN INTERFACE OR SYSTEM INTEGRATION THROUGH CENTRAL CONTROL COMPUTER, STANDARD. CONTROL AND INTEGRATION DETAILS ARE AVAILABLE IF REQUIRED.

SQUARE STYLE CUSHION BOXES

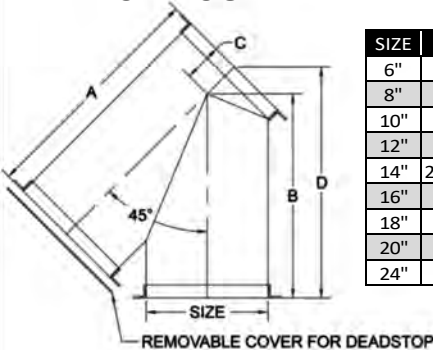
ROUND STYLE CUSHION BOXES



SIZE	A	B
6"	19 1/4"	6"
8"	21 5/16"	6"
10"	22 3/4"	6"
12"	23 7/8"	6"
14"	25 13/16"	10"
16"	27 13/16"	10"
18"	29 3/4"	10"
20"	34"	10"
24"	36 5/16"	10"



ROUND 45° DEADSTOPS WITH SPOUT CAP OR ROUND K BRANCH (45° OFFSET)

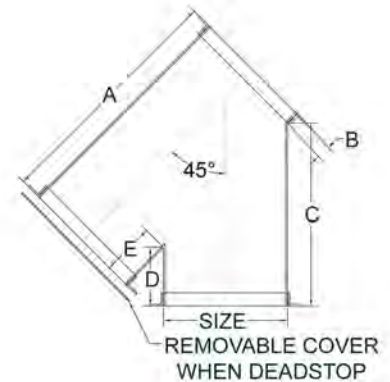


SIZE	A	B	C	D
6"	17 1/8"	13 7/16"	3 5/8"	16"
8"	20"	16 11/16"	3 1/4"	19"
10"	24"	19 1/8"	4 3/4"	22 1/2"
12"	26"	20 7/8"	5 1/8"	24 1/2"
14"	26 13/16"	22 7/16"	4 1/2"	25 5/8"
16"	31 1/2"	27 1/16"	5 3/8"	30 7/8"
18"	35"	29 5/8"	5 5/8"	33 5/8"
20"	37 3/8"	32 3/8"	6 1/16"	36 11/16"
24"	44"	37"	6 15/16"	41 15/16"

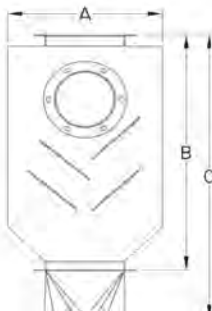
SIZE	A	B	C	D	E	INSP PORT
6"	6-1/8"	21-5/8"	15"	3-11/16"	16-3/8"	6"
8"	8-1/8"	26-3/8"	20"	3-5/8"	21-1/8"	6"
10"	10-1/8"	31-1/4"	25 1/8"	4-1/4"	26"	6"
12"	12-1/8"	37-1/4"	30"	6-5/16"	31"	10"
14"	14-1/8"	42-3/8"	35"	7-9/16"	36-1/8"	10"
16"	16-1/8"	50-7/8"	40"	8-13/16"	40-7/8"	10"
18"	18-1/8"	55-7/8"	45 1/8"	8-1/4"	45-7/8"	10"
20"	20-1/8"	61"	50 1/4"	11-1/2"	51"	10"
24"	24-1/8"	70-5/8"	59 7/8"	12-15/16"	60-5/8"	10"

CUSTOM SIZES ARE ALSO AVAILABLE. CONTACT PREMIER FOR INFORMATION.

SQUARE K BRANCH (OFFSET) OR 45° DEADSTOP WITH REMOVABLE END



FLOW RETARDERS



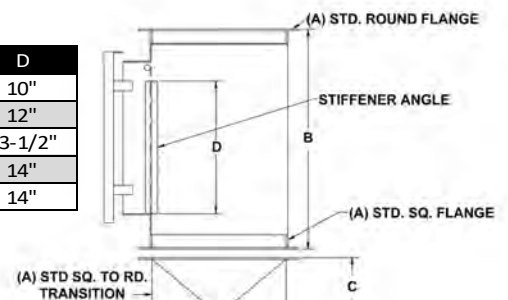
SIZE	A	B	C	D	E
6"	15"	1 1/4"	12"	6"	5 1/4"
8"	17 7/8"	1 1/4"	14 1/16"	6 1/16"	5 5/16"
10"	20 3/4"	1 1/4"	16 1/16"	6 1/16"	5 3/8"
12"	24 3/8"	1 1/2"	18 11/16"	6 11/16"	5 7/8"
14"	27 1/4"	1 1/2"	20 5/8"	6 5/8"	5 15/16"
16"	30 1/8"	1 1/2"	22 11/16"	6 11/16"	6"
18"	32 7/8"	1 1/2"	24 11/16"	6 11/16"	5 15/16"
20"	35 3/4"	1 1/2"	26 11/16"	6 11/16"	5 15/16"
22"	38 1/2"	1 1/2"	28"	6"	5 7/8"
24"	41 3/8"	1 1/2"	30 1/2"	6 5/8"	5 7/8"
30"	50 1/2"	2"	36 1/2"	6 5/8"	6 1/4"

IN-LINE BACKDRAFT DAMPERS

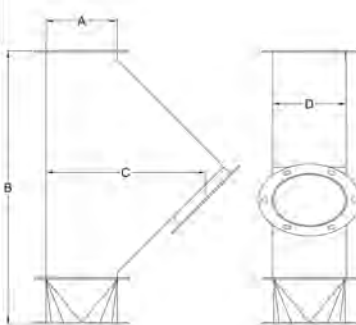
SIZE	A	B	C	D	DEPTH
6"	12"	20-1/2"	25-3/4"	58-1/4"	6-1/4"
8"	16"	26-1/2"	31-3/4"	64-1/4"	8-1/4"
10"	20"	32-1/2"	37-3/4"	70-1/4"	10-1/4"
12"	24"	37"	43-1/4"	75-1/4"	12-1/4"
14"	28"	39"	45-1/4"	77-1/4"	14-1/4"
16"	32"	41"	51"	83"	16-1/4"
18"	36"	45"	55"	87"	18-1/4"
20"	40"	49"	59"	94"	20-1/4"
22"	44"	53"	63"	95"	22-1/4"
24"	48"	57"	67"	99"	24-1/4"

D: FOR WELDING SLEEVE ADD 18" TO THE INLET AND 18" TO THE DISCHARGE HEIGHT FOR A TOTAL OF 36" GREATER THAN DIMENSION 'C'.

(A)	B	C	D
6"	18-1/4"	5 1/4"	10"
8"	20-1/2"	5 1/4"	12"
10"	22-3/4"	5 1/4"	13-1/2"
12"	23-1/4"	6 1/4"	14"
14"	23-1/4"	6 1/4"	14"

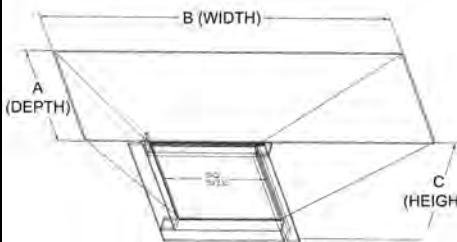


45° OVERFLOW—FULL FLOW MODEL



A	B	C	D
6"	29-1/8"	15-1/8"	6-1/8"
8"	32-1/8"	18"	8-1/8"
10"	34-7/8"	20-3/4"	10-1/8"
12"	39-1/8"	23-9/16"	12-1/8"
14"	42-1/8"	26-3/16"	14-1/8"
16"	48-7/8"	28-15/16"	16-1/8"
18"	54-11/16"	32-13/16"	18-1/8"
20"	56-1/8"	35-3/16"	20-1/8"
22"	58-7/8"	37-11/16"	22-1/8"
24"	62-11/16"	41-3/4"	24-1/8"

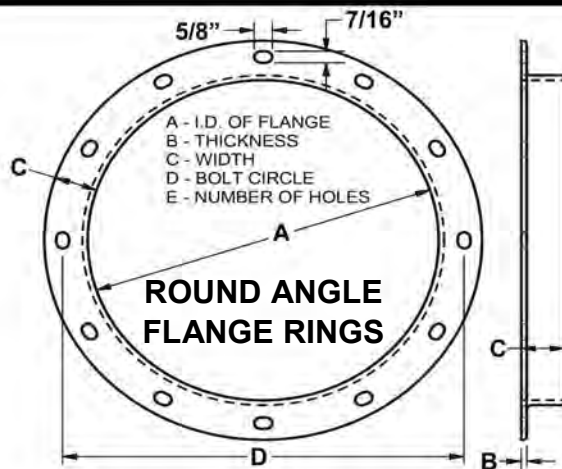
COLLECTOR BOXES



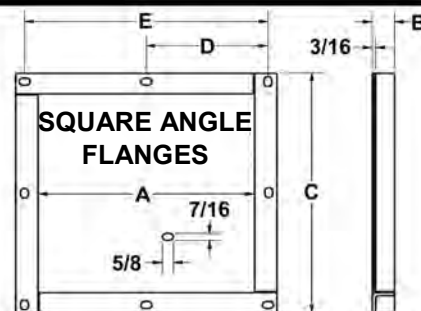
SIZE	A	B	C
8"	10"	28"	10"
10"	12"	34"	12"
12"	14"	38"	14"
14"	16"	42"	16"
16"	18"	46"	18"
18"	20"	50"	20"
20"	22"	54"	22"
22"	24"	58"	24"
24"	26"	62"	26"
26"	28"	66"	28"

ALL DIMENSIONS ARE SUBJECT TO CHANGE.

PLEASE CONTACT PREMIER COMPONENTS WITH ANY DIMENSIONAL INQUIRIES.

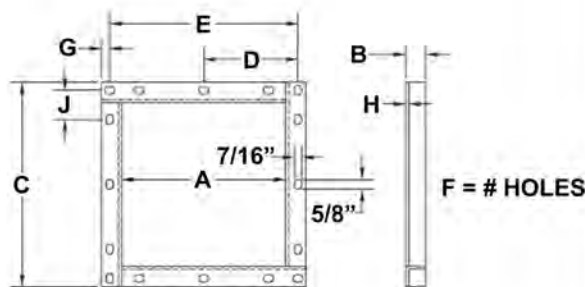


STANDARD ANGLE FLANGE RINGS						
SIZE	A	B	C	D	E	WEIGHT
3"	3-1/16"	0.1345"	1"	4-1/4"	6	0.7#
4"	4-1/16"	0.1345"	1"	5-1/4"	6	0.9#
5"	5-1/16"	0.1345"	1"	6-1/4"	6	1.2#
6"	6-1/16"	1/8"	1-1/4"	7-1/2"	6	1.75#
7"	7-1/8"	1/8"	1-1/4"	8-1/2"	6	2#
8"	8-1/16"	3/16"	1-1/4"	9-1/2"	8	2.5#
9"	9-1/8"	3/16"	1-1/4"	10-1/2"	8	2.75#
10"	10-1/16"	3/16"	1-1/4"	11-1/2"	8	3#
11"	11-1/8"	3/16"	1-1/4"	12-1/2"	8	3.5#
12"	12-1/8"	3/16"	1-1/2"	13-13/16"	12	6#
13"	13-3/16"	3/16"	1-1/2"	14-13/16"	12	6.5#
14"	14-1/8"	3/16"	1-1/2"	15-13/16"	12	7#
15"	15-3/16"	3/16"	1-1/2"	16-13/16"	16	7.5#
16"	16-1/8"	3/16"	1-1/2"	18-1/8"	16	9.5#
17"	17-3/16"	3/16"	1-1/2"	19-1/8"	16	10#
18"	18-1/8"	3/16"	1-1/2"	20-1/8"	16	10.5#
19"	19-3/16"	3/16"	1-1/2"	21-1/8"	16	11#
20"	20-1/8"	3/16"	1-1/2"	22-1/8"	20	11.5#
21"	21-3/16"	3/16"	1-1/2"	23-1/8"	20	12#
22"	22-3/16"	3/16"	1-1/2"	24-1/8"	20	12.7#
23"	23-3/16"	3/16"	1-1/2"	25-1/8"	20	13.2#
24"	24-3/16"	3/16"	1-1/2"	26-1/8"	20	14#
25"	25-3/16"	3/16"	2"	27-1/2"	20	15.8#
26"	26-3/16"	3/16"	2"	28-1/2"	24	16.5#
27"	27-3/16"	3/16"	2"	29-1/2"	24	17#
28"	28-3/16"	3/16"	2"	30-1/2"	24	18#
29"	29-3/16"	3/16"	2"	31-1/2"	28	18.5#
30"	30-3/16"	3/16"	2"	32-1/2"	28	19.5#
LIGHT ANGLE FLANGE RINGS						
8"	8-1/16"	1/8"	1-1/4"	9-1/2"	8	2.25#
10"	10-1/16"	1/8"	1-1/4"	11-1/2"	8	2.75#
HEAVY ANGLE FLANGE RINGS						
16"	16-1/8"	3/16"	1-3/4"	18-1/8"	16	11#
18"	18-1/8"	3/16"	1-3/4"	20-1/8"	16	12#
20"	20-1/8"	3/16"	1-3/4"	22-1/8"	20	13#
22"	22-1/8"	3/16"	1-3/4"	24-1/8"	20	14#
24"	24-1/8"	3/16"	1-3/4"	26-1/8"	20	15#
PIPE SIZE ANGLE FLANGE RINGS						
6-5/8"	6-3/4"	1/8"	1-1/4"	8-1/8"	6	2#
8-5/8"	8-3/4"	3/16"	1-1/4"	10"	8	2.5#
10-3/4"	10-7/8"	3/16"	1-1/2"	12-5/8"	8	5.25#
12-3/4"	12-7/8"	3/16"	1-1/2"	14-5/8"	12	6.15#



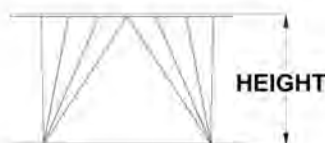
SIZE	A	B	C	D	E	F
6"	6-1/8"	1-1/4"	8-5/8"	3-13/16"	7-5/8"	8
8"	8-1/8"	1-1/4"	10-5/8"	4-13/16"	9-5/8"	8
10"	10-1/8"	1-1/4"	12-5/8"	5-13/16"	11-5/8"	8
12"	12-1/8"	1-1/2"	15-1/8"	4-21/32"	14"	12
14"	14-1/8"	1-1/2"	17-1/8"	4"	16"	16
16"	16-1/8"	1-1/2"	19-1/8"	4-1/2"	18"	16
18"	18-1/8"	1-1/2"	21-1/8"	5"	20"	16
20"	20-1/8"	1-1/2"	23-1/8"	5-1/2"	22"	16
22"	22-1/8"	1-1/2"	25-1/8"	4"	24"	24
24"	24-1/8"	1-1/2"	27-1/8"	4-21/64"	26"	24
26"	26-1/8"	1-3/4"	29-1/8"	7-1/32"	28-1/8"	16
28"	28-1/8"	2"	32-1/8"	7-19/32"	30-3/8"	16
30"	30-1/8"	2"	34-1/8"	4-5/8"	32-3/8"	28
32"	32-1/8"	2"	36-1/8"	6-7/8"	34-3/8"	20
34"	34-1/8"	2"	38-1/8"	7-9/32"	36-3/8"	20
36"	36-1/8"	2"	40-1/8"	4-51/64"	38-5/8"	32
38"	38-1/8"	2"	42-1/8"	6-23/32"	40-3/8"	24
40"	40-1/8"	2"	44-1/8"	7-1/16"	42-3/8"	24

F: # OF HOLES ODD SIZE I.D. AVAILABLE UPON REQUEST
SPECIAL HOLE SIZES AND SPACING AVAILABLE UPON REQUEST



SIZE	A	B	C	D	E	F	G	H	J
6"	6-1/8"	1-1/4"	8-5/8"	3-13/16"	7-5/8"	8	1/2"	1/4"	-
8"	8-1/8"	1-1/4"	10-5/8"	4-13/16"	9-5/8"	12	1/2"	1/4"	2-7/16"
10"	10-1/8"	1-1/4"	12-5/8"	5-13/16"	11-5/8"	12	1/2"	1/4"	2-15/16"
12"	12-1/8"	1-1/2"	15-1/8"	4-21/32"	14"	20	9/16"	1/4"	2-5/16"
14"	14-1/8"	1-1/2"	17-1/8"	4"	16"	24	9/16"	1/4"	2"
16"	16-1/8"	1-1/2"	19-1/8"	4-1/2"	18"	24	9/16"	1/4"	2-1/4"
18"	18-1/8"	1-1/2"	21-1/8"	5"	20"	24	9/16"	1/4"	2-1/2"
20"	20-1/8"	1-1/2"	23-1/8"	5-1/2"	22"	24	9/16"	1/4"	2-3/4"
24"	24-1/8"	1-1/2"	27-1/8"	4-11/32"	26"	32	9/16"	1/4"	2-3/16"

SQUARE TO ROUND & SQUARE TO SQUARE TRANSITIONS



SQUARE	ROUND	HEIGHT
6"	6"	5-1/4"
6"	4"	6"
8"	8"	5-1/4"
8"	6"	6-3/4"
10"	10"	5-1/4"
10"	8"	6-3/4"
10"	6"	8"

SQUARE	ROUND	HEIGHT
12"	12"	6-1/4"
12"	10"	8"
12"	8"	8"
14"	14"	6-1/4"
14"	12"	10"
14"	10"	10"

SQUARE	ROUND	HEIGHT
16"	16"	10"
16"	14"	10"
16"	12"	10"
16"	10"	10"
18"	18"	10"
18"	16"	10"
18"	14"	10"

SQUARE	ROUND	HEIGHT
20"	16"	10"
20"	18"	10"
20"	20"	10"
24"	24"	10"
24"	22"	10"
24"	20"	10"

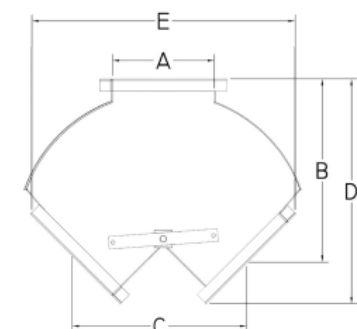
SQUARE TO ROUND AND SQUARE TO SQUARE TRANSITIONS HAVE THE SAME HEIGHT
ROUND TO ROUND REDUCERS

2" REDUCTION REDUCERS ARE 6" TALL, 4" REDUCTION REDUCERS ARE 12" TALL AND
6" REDUCTION REDUCERS ARE 18" TALL.

ALL DIMENSIONS ARE SUBJECT TO CHANGE.

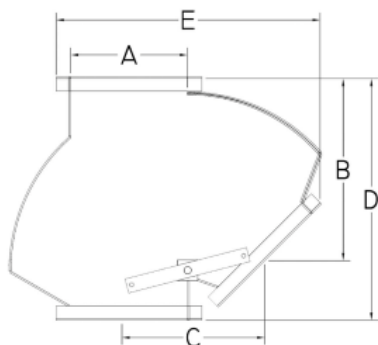
PLEASE CONTACT PREMIER COMPONENTS WITH ANY DIMENSIONAL INQUIRIES.

PREMIUM Y-TYPE DIVERTER VALVES



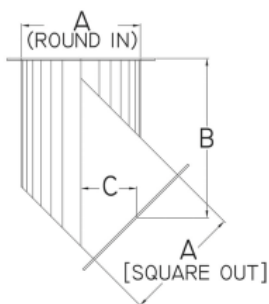
SIZE	A	B	C	D	E
6"	6-1/8"	13-1/8"	10-3/8"	16-3/16"	16-7/16"
8"	8-1/8"	16-7/16"	13-5/16"	20-1/4"	20-13/16"
10"	10-1/8"	18-5/8"	16"	23-1/16"	24-15/16"
12"	12-1/8"	21-7/16"	20-7/8"	26-13/16"	31-9/16"
14"	14-1/8"	24-3/16"	22"	30-1/4"	34-1/8"
16"	16-1/8"	27-1/16"	24-7/8"	33-13/16"	38-3/8"
18"	18-1/8"	29-15/16"	27"	37-7/16"	41-15/16"
20"	20-1/8"	32-7/8"	29-7/8"	41-1/16"	46-1/4"
24"	24-1/8"	36-1/4"	32-3/4"	45-11/16"	51-15/16"

PREMIUM K-TYPE DIVERTER VALVES

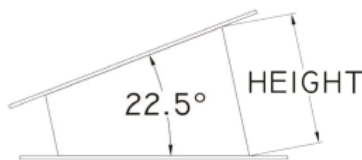


SIZE	A	B	C	D	E
6"	6-1/8"	14-3/4"	9-3/8"	17-7/8"	16-3/4"
8"	8-1/8"	16-1/2"	11-1/16"	20-3/8"	20-1/8"
10"	10-1/8"	18-3/8"	12-3/4"	23"	23-1/2"
12"	12-1/8"	18-1/2"	14-5/8"	25-1/4"	27-1/2"
14"	14-1/8"	23-1/4"	16-5/8"	29-1/2"	31-1/4"
16"	16-1/8"	25-13/16"	18-3/8"	32-11/16"	34-11/16"
18"	18-1/8"	28"	20-1/8"	35-1/2"	38-3/16"
20"	20-1/8"	34-13/16"	21-15/16"	43-1/8"	41-5/8"
24"	24-1/8"	37-5/16"	28-3/4"	50-1/8"	51-7/8"

45° ROUND TO SQUARE ELBOWS



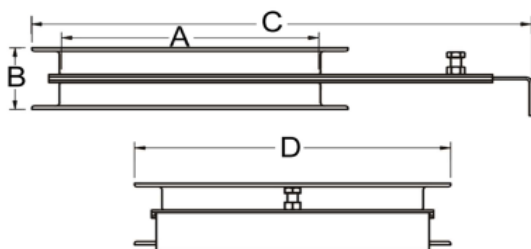
A	B	C
12"	16-1/8"	5-5/8"
14"	18-1/4"	6-3/8"
16"	20-3/8"	7-1/8"
18"	22-1/2"	7-3/4"
20"	24-5/8"	8-1/8"
24"	28-7/8"	9-7/8"



ADJUSTABLE ELBOWS

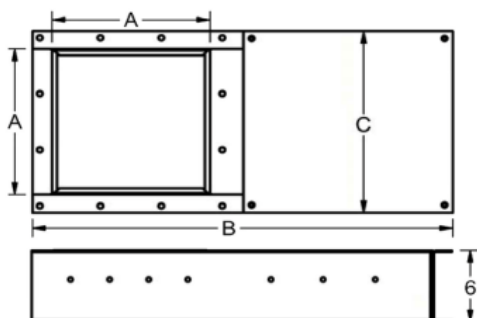
SIZE	HEIGHT	SIZE	HEIGHT
4"	4 7/8"	16"	9-5/8"
6"	5-5/8"	18"	10-7/16"
8"	6-7/16"	20"	11-1/4"
10"	7-1/4"	22"	12"
12"	8-1/16"	24"	12-13/16"
14"	8-13/16"		

HAND SLIDE GATES



SIZE	A	B	C	D
6"	6-1/8"	3"	14-5/16"	8-5/8"
8"	8-1/8"	3"	16-3/4"	10-5/8"
10"	10-1/8"	3"	20-1/4"	12-5/8"
12"	12-1/8"	3-1/2"	24"	14-3/4"
14"	14-1/8"	3-1/2"	27-1/2"	16-3/4"
16"	16-1/8"	3-1/2"	31-1/4"	18-3/4"

ROLLER SLIDE GATES



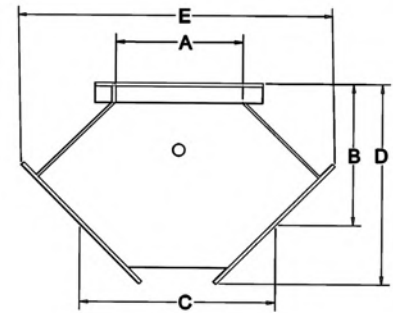
SIZE	A	B	C
6"	6-1/8"	20	8-5/8"
8"	8-1/8"	24	10-5/8"
10"	10-1/8"	28	12-5/8"
12"	12-1/8"	32-1/4"	15-1/8"
14"	14-1/8"	36-1/4"	17-1/8"
16"	16-1/8"	40-1/4"	19-1/8"
18"	18-1/8"	44-1/4"	21-1/8"
20"	20-1/8"	48-1/4"	23-1/8"
22"	22-1/8"	52-1/4"	25-1/8"
24"	24-1/8"	56-1/4"	27-1/8"

ALL DIMENSIONS ARE SUBJECT TO CHANGE.

PLEASE CONTACT PREMIER COMPONENTS WITH ANY DIMENSIONAL INQUIRIES.

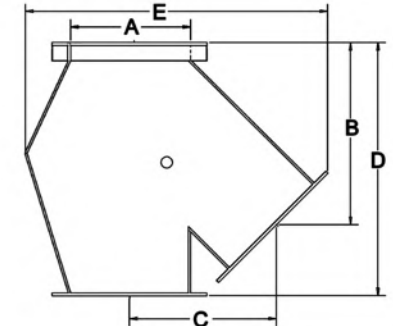
PREMIUM Y-TYPE PAN VALVES

SIZE	A	B	C	D	E
6"	6-1/8"	5-1/8"	7-1/8"	8-3/16"	13-1/4"
8"	8-1/8"	7-7/8"	11-7/8"	11-5/8"	19-3/8"
10"	10-1/8"	9-7/8"	15-1/2"	14-5/16"	24-7/16"
12"	12-1/8"	10-1/16"	13-3/4"	15-7/16"	24-7/16"
14"	14-1/8"	11-1/16"	15-9/16"	17-1/16"	27-11/16"
16"	16-1/8"	13-1/4"	18-5/8"	20"	32-1/8"
18"	18-1/8"	13-5/8"	23-1/8"	21-1/8"	38-1/16"
20"	20-1/8"	16-1/16"	26-3/8"	24-1/4"	42-11/16"
24"	24-1/8"	18"	28-3/8"	27-9/16"	47-9/16"



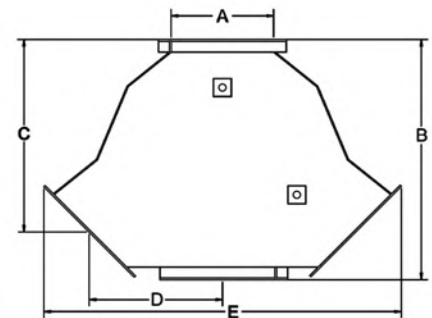
PREMIUM K-TYPE PAN VALVES

SIZE	A	B	C	D	E
6"	6-1/8"	10"	7-1/2"	13-15/16"	16-1/16"
8"	8-1/8"	14-3/16"	9-15/16"	18-7/8"	20-9/16"
10"	10-1/8"	15-5/8"	12-7/16"	21-5/16"	25-1/16"
12"	12-1/8"	19-9/16"	15-11/16"	25-3/4"	31"
14"	14-1/8"	22-1/8"	17-1/2"	29-3/8"	35"
16"	16-1/8"	25-1/8"	20-1/8"	33-1/2"	39-13/16"
18"	18-1/8"	28-1/8"	22-3/4"	37-3/4"	44-11/16"
20"	20-1/8"	31-1/4"	25-1/2"	41-7/8"	49-3/4"
24"	24-1/8"	37-3/8"	30-3/4"	50-1/8"	59-13/16"



PREMIUM 3-WAY PAN VALVES

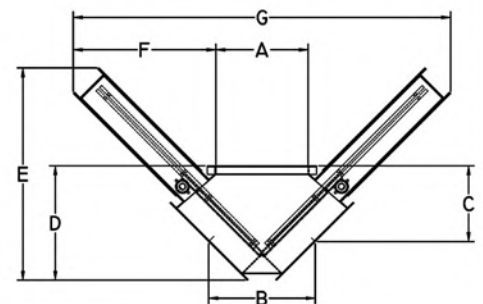
SIZE	A	B	C	D	E
6"	6-1/8"	17-7/16"	14-1/8"	8-1/8"	22-3/8"
8"	8-1/8"	23-1/2"	19-1/2"	13-1/2"	34-7/16"
10"	10-1/8"	26-7/16"	21-11/16"	16-1/2"	41-15/16"
12"	12-1/8"	28-7/16"	22-13/16"	15-7/8"	42-7/16"
14"	14-1/8"	31-13/16"	25-7/16"	18-7/16"	49"
16"	16-1/8"	37-11/16"	30-9/16"	20-7/8"	55-1/4"
18"	18-1/8"	43-13/16"	36-1/16"	25-7/16"	65-13/16"
20"	20-1/8"	44-1/4"	35-3/4"	26-13/16"	69-15/16"
24"	24-1/8"	56-13/16"	46-15/16"	31-3/4"	82-11/16"



Y-TYPE GATE VALVES

SIZE	A	B	C	D	E	F	G
12"	12-1/8"	15-7/8"	10-15/16"	16-5/16"	29-9/16"	20-1/16"	52-3/16"
14"	14-1/8"	16-1/2"	12-13/16"	18-7/8"	35-1/16"	20-3/4"	55-5/8"
16"	16-1/8"	18-5/8"	13-1/4"	20"	36-1/2"	22-3/4"	61-5/8"
18"	18-1/8"	22-1/2"	19"	26-7/16"	42"	27"	72-1/8"
20"	20-1/8"	24-15/16"	18-1/8"	26-5/16"	43-1/2"	27-7/8"	75-7/8"
24"	24-1/8"	31-3/16"	26"	35-5/8"	52-1/16"	34-3/16"	99-1/2"
30"	30-1/8"	36-1/8"	26-3/4"	38-13/16"	59-5/8"	37-7/8"	105-13/16"
36"	36-1/8"	42-1/8"	29-3/8"	43-9/16"	66-1/4"	44-3/8"	124-7/8"

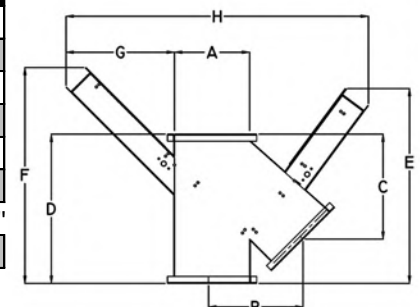
E, F & G DIMENSIONS MAY VARY DEPENDING UPON THE DRIVE SETUP.



K-TYPE GATE VALVES

SIZE	A	B	C	D	E	F	G	H
12"	12-1/8"	15-9/16"	19-9/16"	26-1/4"	33-1/16"	39-5/16"	23-5/16"	62-9/16"
14"	14-1/8"	17"	22-11/16"	29-1/8"	35-1/4"	41-3/4"	24-15/16"	69"
16"	16-1/8"	19-1/2"	22-1/2"	32"	41-13/16"	47-5/8"	26-3/4"	77"
18"	18-1/8"	22-13/16"	27-3/4"	38-11/16"	46"	54-1/4"	27-7/16"	83"
20"	20-1/8"	24-1/2"	34"	44-1/2"	48-7/16"	57-5/8"	32-3/16"	91-9/16"
24"	24-1/8"	28-7/16"	38-13/16"	49-1/2"	53-11/16"	66-1/16"	38-1/8"	107-1/2"
30"	30-1/8"	33-3/8"	44"	56-5/8"	61-7/8"	77-9/16"	43-1/16"	126-11/16"
36"	36-1/8"	36-1/2"	47-7/8"	62-7/8"	71"	87-1/2"	46-5/8"	134"

E, F, G & H DIMENSIONS MAY VARY DEPENDING UPON THE DRIVE SETUP.



ALL DIMENSIONS ARE SUBJECT TO CHANGE.

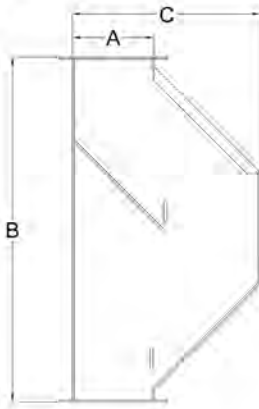
PLEASE CONTACT PREMIER COMPONENTS WITH ANY DIMENSIONAL INQUIRIES.

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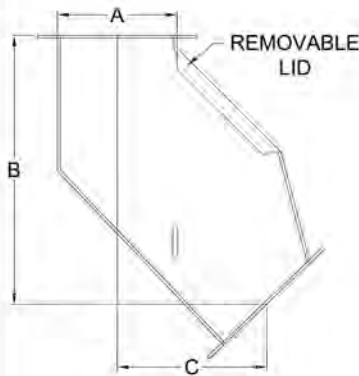
PREMIER
COMPONENTS, INC.

VERTICAL DROP FLOW RETARDERS



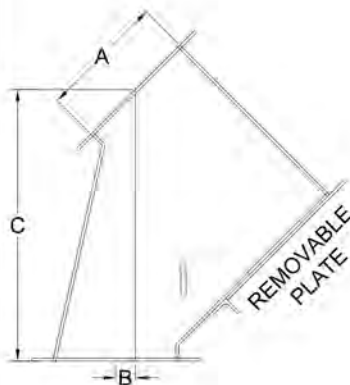
A	B	C
6"	27"	14 1/2"
8"	34"	18 1/2"
10"	38 1/2"	22 1/2"
12"	44"	26 1/2"
14"	50 1/2"	30 1/2"
16"	57"	34 1/2"
18"	63 1/2"	38 1/2"
20"	71"	42 1/2"
22"	78"	46 1/2"
24"	85"	50 1/2"

VERTICAL DROP CUSHION TURNOUTS



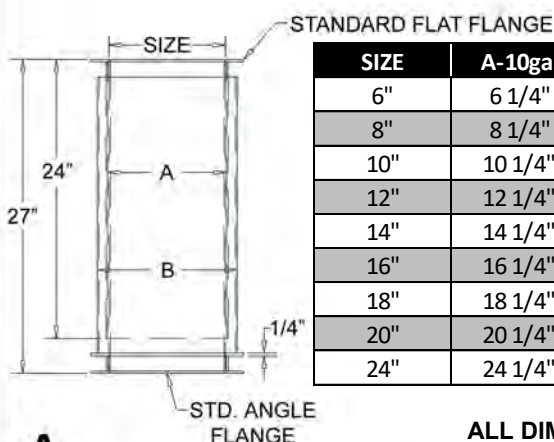
A	B	C
6"	14 3/4"	8"
8"	18"	10"
10"	22 3/4"	12 3/4"
12"	26 1/2"	15"
14"	30 1/2"	17 1/2"
16"	34 1/4"	19 3/4"
18"	38 1/4"	22"
20"	42 1/4"	24 1/4"
22"	46 1/2"	26 7/8"
24"	50 1/4"	29 1/4"

Z - 45° DEADSTOPS



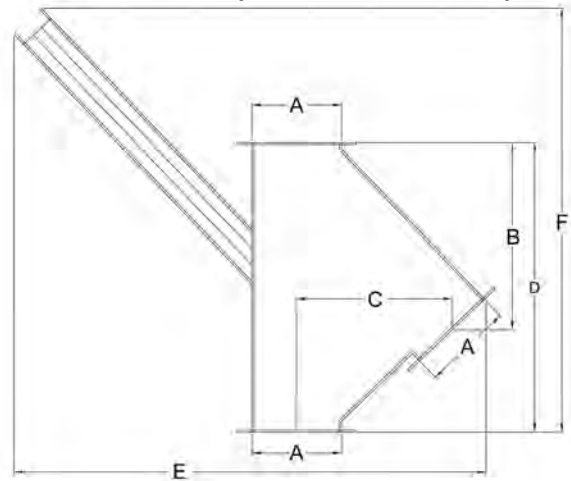
A	B	C
6"	1 1/4"	13 1/2"
8"	1 7/8"	17 1/4"
10"	2 1/2"	21"
12"	3"	25 1/2"
14"	3 3/4"	29 1/8"
16"	4 1/2"	32 7/8"
18"	5 1/8"	36 1/2"
20"	5 7/8"	40 1/2"
22"	6 1/4"	44"
24"	7 1/4"	47 3/4"

EXPANSION JOINTS - ROUND & SQUARE



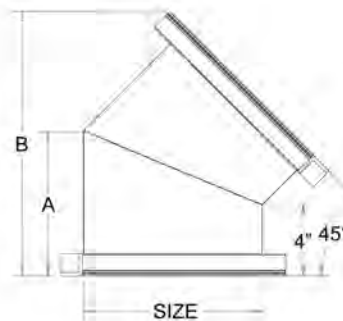
SIZE	A-10ga.	A-7ga.	B
6"	6 1/4"	6 3/8"	8"
8"	8 1/4"	8 3/8"	10"
10"	10 1/4"	10 3/8"	12"
12"	12 1/4"	12 3/8"	14"
14"	14 1/4"	14 3/8"	16"
16"	16 1/4"	16 3/8"	18"
18"	18 1/4"	18 3/8"	20"
20"	20 1/4"	20 3/8"	22"
24"	24 1/4"	24 3/8"	26"

OVERFLOW WITH INTERNAL 45° GATE (SELF-CLEANING)



A	B	C	D	E	F
8"	16-3/4"	12"	21-1/8"	41-3/8"	36"
10"	15-7/8"	13-3/8"	22-3/4"	46-1/8"	39"
12"	21-1/8"	18"	31-3/8"	57-1/8"	51-3/8"

45° SQUARE HIP-STYLE ELBOWS



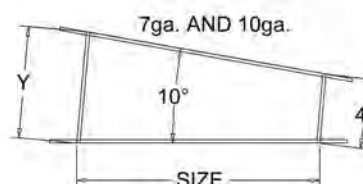
SIZE	A	B
6"	6-3/8"	12-1/16"
8"	7-1/4"	13-7/16"
10"	8"	14-7/8"
12"	8-7/8"	16-7/16"
14"	9-3/4"	17-7/8"
16"	10-1/2"	19-5/16"
18"	11-3/8"	20-11/16"
20"	12-1/4"	22-1/8"
22"	13-1/16"	23-9/16"
24"	13-7/8"	24-15/16"
26"	14-11/16"	26-9/16"
28"	15-9/16"	28-1/8"
30"	16-3/8"	29-9/16"

45° SQUARE WEDGES



SIZE	Y
6"	8-9/16"
8"	10-1/8"
10"	11-5/8"
12"	13-3/16"
14"	14-11/16"
16"	16-1/4"
18"	17-3/4"
20"	19-5/16"
22"	20-13/16"
24"	22-3/8"

10° SQUARE WEDGES



SIZE	Y
6"	5-1/16"
8"	5-3/8"
10"	5-3/4"
12"	6-1/16"
14"	6-7/16"
16"	6-3/4"
18"	7-1/8"
20"	7-1/2"
22"	7-13/16"
24"	8-3/16"

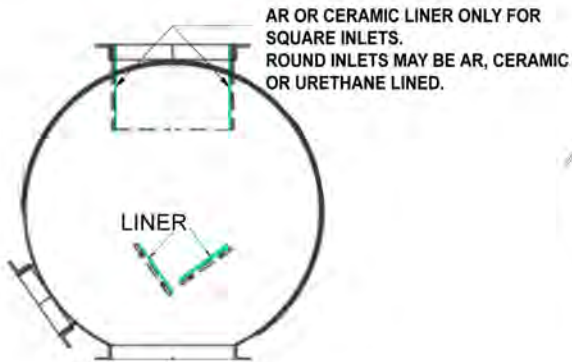
ALL DIMENSIONS ARE SUBJECT TO CHANGE.

PLEASE CONTACT PREMIER COMPONENTS WITH ANY DIMENSIONAL INQUIRIES.

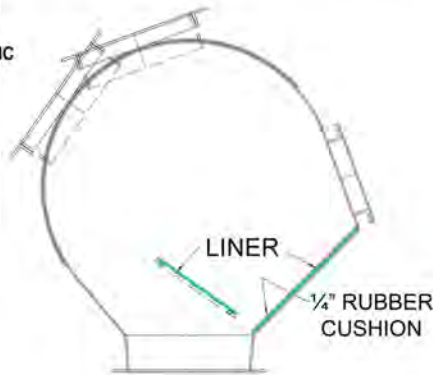
www.premier-com.com

877-681-3064

ROUND ADJUSTABLE CUSHION BOX



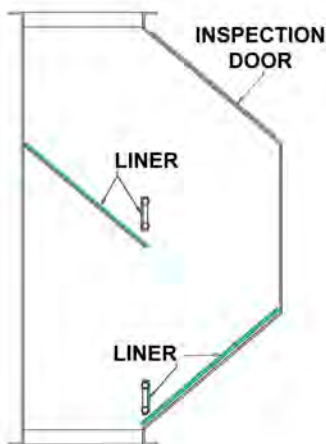
SQUARE ADJUSTABLE CUSHION BOX



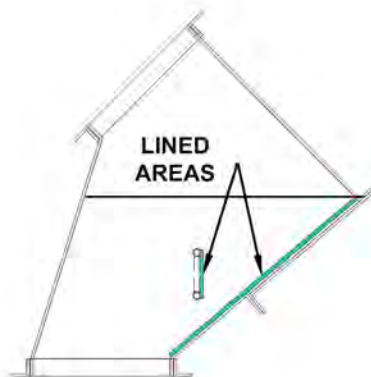
VERTICAL DROP CUSHION TURNOUT 45° ELBOW



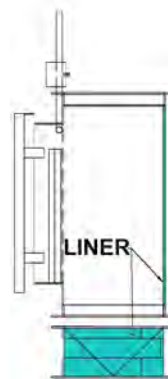
VERTICAL DROP FLOW RETARDER



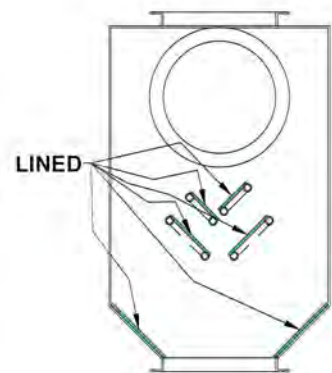
Z 45° SQUARE DEADSTOPS



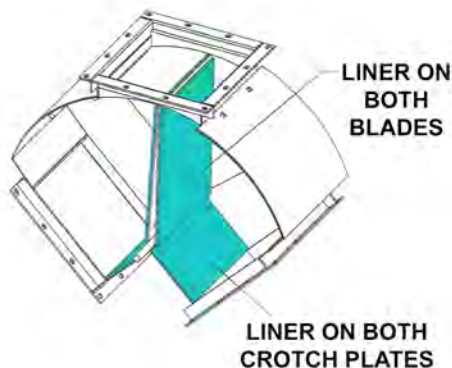
IN-LINE BACKDRAFT DAMPER



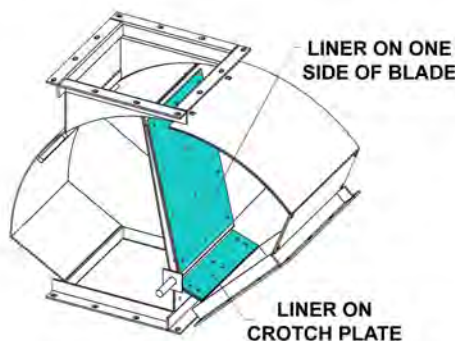
FLOW RETARDER



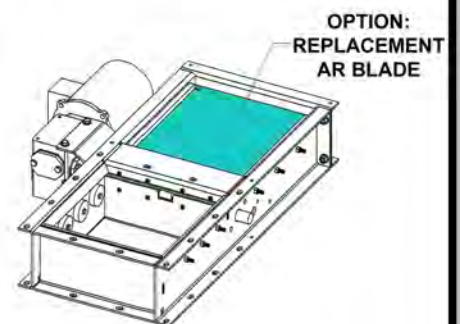
Y-TYPE DIVERTER VALVE



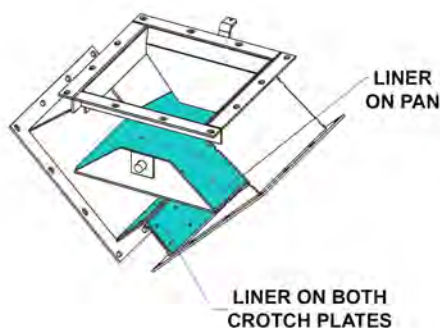
K-TYPE DIVERTER VALVE



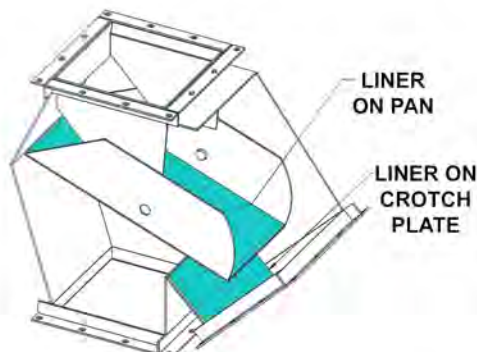
SLIDE GATE



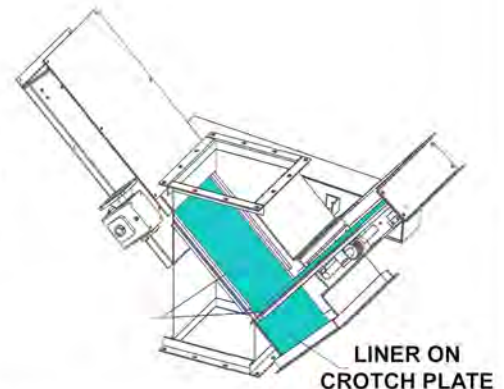
Y-TYPE PAN VALVE



K-TYPE PAN VALVE



K-TYPE GATE VALVE



Conveyor Flight Edging



Ultra-D Flight Edging is used to snap-on over the screw conveyor flight and extend the life of the flight to allow for improved clean out of the trough. It is normally installed by winding it along the screw so that it snaps on in the well between the flights and secured with metal rivets. Starting at one end, the UHMW plastic is tapped into place by moving along the length of the screw. This Ultra-D plastic is stabilized against ultra-violet light radiation. The center bearing on short conveyors can sometimes be eliminated when the center of the screw sits lightly in the trough.

- UV Stabilized for Outdoor Use
- Improve Clean-Out of Troughs
- Eliminate Hangers on Shorter Runs
- Use with Helicoid or Sectional Flights
- Reduce Noise and Wear on Rubbing Screws
- 50 foot is standard roll

To determine the approximate amount of edging required in feet:

- Full Pitch = length of the conveyor section in feet x 3.4
- Half Pitch = length of conveyor section in feet x 6.7
- Irregular Pitch = number of pitches x Dia (in inches) x .262

UHMW AUGER FLIGHT FACING

- Abrasion resistant, low friction one pitch segment.
- Extends past helicoid for better cleanout
- Reduces caking and material hang-up
- Heat formed to fit
- Attaches with bolts, rivets or self tapping screws



TACK WELD ON BRUSH EDGING

- Formed steel channel with nylon brush supplied to customer specified lengths
- Provided in coil form or supplied in straight lengths
- Extremely easy clip-on installation for saving edges on new flighting or repairing worn edges to better than new
- Provides superior clean out to solid edged flighting
- Low friction operation, is gentle on peas and pulses resulting in less damage
- 3/4" and 1" brush trim options



For total lineal feet required take the length of the conveyor and divide by .3032 for full pitch

UHMW TELESCOPING SPOUTS



Custom-made UHMW Spouts

Available In Round, Square

Lightweight (1/3 Weight Of Steel)

Square To Round And Rectangular Shapes

Lasts 3 - 4 Times Longer Than Steel

Reduces Dust

Ideal For Grain Elevators, Feed Mills And Fertilizer Plants



UHMW U-TROUGH LINERS



Preformed To Size

Pre-drilled And Beveled For

Immediate Installation

Quieter Operation

Reduces Wear Costs

Lightweight For Easy Handling



UHMW-PE DRAG CONVEYOR FLIGHTS, RETURN ROLLERS & RETURN SPROCKETS



Strong - Will Not break

Abrasion Resistant

Out-lasts Other Materials

Chemical Resistant

Won't Rust or Corrode

USDA / FDA Approved

Economical

Resistant To Heat and Cold

Moisture Resistant

Prevents Clogging

Self-lubricating





REPLACEABLE PULLEY LAGGING

STYLE	STANDARD ELASTOMER	LENGTH OF PAD	WEIGHT EA (LB)	DESCRIPTION	PART #	PRICE EACH
STYLE 5	NATURAL	72"	14	SLIDE-LAG TRACTION PAD FOR GENERAL DUTY SERVICE	785-03001	★
STYLE 5-SOF	NEOPRENE	72"	14	STATIC CONDUCTIVE/OIL RESISTANT/FLAME RESISTANT COMPOUND	785-53001	★
STYLE 5-FS	NEOPRENE	72"	14	FLAME STOP COMPOUND	785-19001	★
STYLE 5-EP	EPDM	72"	14	APPLICATIONS PRIMARILY INVOLVING HEAT	785-39001	★
STYLE 5-BN	BUNA-N	72"	14	PRIMARILY FOR OIL RESISTANCE	785-33001	★
STYLE 5-SS	NATURAL	72"	14	STAINLESS STEEL BACKING PLATE	785-06001	★
STYLE 5 HUSKY	NATURAL	72"	16.5	SLIDE-LAG TRACTION PAD FOR SEVERE DUTY, HEAVY DUTY PAD (3/4 OVERALL GAUGE)	785-09001	★
STYLE 5 HUSKY SOF	NEOPRENE	72"	16.5	STATIC CONDUCTIVE/OIL RESISTANT/FLAME RESISTANT COMPOUND, SEVERE DUTY	785-54001	★
STYLE 7	NATURAL	10"	1.75	EDGE-CROWN TRACTION PAD FOR GENERAL DUTY SERVICE	787-03001	★
STYLE 7-SOF	NEOPRENE	10"	1.75	STATIC CONDUCTIVE/OIL RESISTANT/FLAME RESISTANT COMPOUND	787-53001	★
STYLE 7-EP	EPDM	10"	1.75	APPLICATIONS PRIMARILY INVOLVING HEAT	787-39001	★
STYLE 7-BN	BUNA-N	10"	1.75	PRIMARILY FOR OIL RESISTANCE	787-33001	★
STYLE 7-SS	NATURAL	10"	1.75	STAINLESS STEEL BACKING PLATE	787-6001	★
STYLE 7 HUSKY	NATURAL	10"	1.75	SLIDE-LAG TRACTION PAD FOR SEVERE DUTY, HEAVY DUTY PAD (3/4 OVERALL GAUGE)	787-09001	★
STYLE 7 HUSKY SOF	NEOPRENE	10"	1.75	STATIC CONDUCTIVE/OIL RESISTANT/FLAME RESISTANT COMPONENT, SEVERE DUTY	787-54001	★
STYLE 9	NATURAL	72"	14	BELT-SAVER PROTECTON PADS - GENERAL DUTY	789-03001	★
STYLE 9-FS	NEOPRENE	72"	14	BELT-SAVER FLAME-STOP PROTECTION PADS	789-18001	★
STYLE 11	NATURAL	10"	1.75	BELT-SAVER EDGE-CROWN PROTECTION PADS	791-03001	★
STYLE 11-FS	NEOPRENE	10"	1.75	BELT-SAVER EDGE-CROWN FLAME-STOP PROTECTION PADS	Special	★



EZ 501 60D NEOPRENE LAGGING (FIELD FORMABLE)	★
CL 501 60D NEOPRENE LAGGING (CUSTOM ORDER PRE-CURVED TO FIT YOUR PULLEY)	★
SINGLE RETAINER OR DOUBLE RETAINER	★

Replaceable pulley lagging for drive pulleys that provides specially compounded elastomer padding vulcanized under high pressure to heavy gauge steel plates that are shaped to conform to each pulley face. The pieces slide in and out of special retainers which have been securely welded or bolted to the pulley face.

NUMBER OF 72" PADS REQUIRED FOR BUTT SEAM APPLICATIONS

PULLEY FACE WIDTH

PULLEY DIAMETER

	12"	14"	16"	18"	20"	22"	24"	26"	30"	32"	36"	38"	40"	44"	46"	51"	54"	60"	66"	72"
Ø6"	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3
Ø8"	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4
Ø10"	1	1	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	5	5	5
Ø12"	1	2	2	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	6	6
Ø14"	2	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	6	6	7	7
Ø16"	2	2	2	2	3	3	3	3	4	4	4	5	5	5	6	6	6	7	8	8
Ø18"	2	2	2	3	3	3	3	4	4	4	5	5	5	6	6	7	7	8	9	9
Ø20"	2	2	3	3	3	4	4	4	5	5	5	6	6	7	7	8	8	9	10	10
Ø24"	2	3	3	3	4	4	4	5	5	6	6	7	7	8	8	9	9	10	11	12
Ø30"	3	3	4	4	5	5	5	6	7	7	8	8	9	10	10	11	12	13	14	15
Ø36"	3	4	4	5	5	6	6	7	8	8	9	10	10	11	12	13	14	15	17	18
Ø42"	4	5	5	6	6	7	7	8	9	10	11	12	12	13	14	15	16	18	20	21
Ø48"	4	5	6	6	7	8	8	9	10	11	12	13	14	15	16	17	18	20	22	24
Ø54"	5	6	6	7	8	9	9	10	12	12	14	15	15	17	18	20	21	23	25	27
Ø60"	5	6	7	8	9	10	10	11	13	14	15	16	17	19	20	22	23	25	28	30
Ø72"	6	7	8	9	10	11	12	13	15	16	18	19	20	22	23	26	27	30	33	36

CERAMIC TILE

Ceramic liners provide long-lasting solutions to the problems caused by abrasive wear and corrosion in a variety of hostile environments. Our Alumina ceramic linings will outlast lower grade materials commonly used to line or protect processing and material handling equipment by factors of 3 to 15 times.



PLAIN CERAMIC TILE

1/4" x 1 1/2" x 6"	★
1/4" x 4" x 4"	CALL
1/4" x 4" x 6"	★
FULL PALLET PRICING 1/4" x 4" x 6"	★
1/2" x 1" x 4"	CALL
1/2" x 4" x 4"	CALL
1/2" x 4" x 6"	★

SPOUTS
LEGS
DUST CONTROL
SYSTEMS
ELBOWS
CHUTES
SCREW CONVEYORS
SCREW FLIGHTS
TRANSITIONS
CYCLONES
BINS/HOPPERS
DRAG CONVEYORS
CUSHION BOXES
VALVES

COLORED TILE -
PINK

1/4" X 4" X 6"	★
1/4" X 6" X 6"	★

HEX CERAMIC TILE

1/4" x 6" x 6"	★
FULL PALLET PRICING 1/4" x 6" x 6"	★
1/2" x 6" x 6"	★



WELDABLE CERAMIC TILE

1/4" x 4" x 6"	★
1/2" x 2" x 6"	CALL
1/2" x 4" x 6"	★

In the Rice Handling Market, colored high aluminum oxide wear tiles are most commonly utilized for optical sorting equipment and in applications that separate desirable material from undesirable.

WHITE RTV SILICONE ADHESIVE TUBE
(EACH TUBE COVERS ~ 1.5 ft²) ★



DURALL 10 2-PART EPOXY
(1/16" THICK LAYER COVERS 30 ft²) ★



Tomecanic Supercut Tile Cutter

The quickest way to cut ceramic tile is by using a hand tile cutter.

General Features

Cuts porcelain, floor tile, mosaics, and other materials.

Nine ball bearings in the cutting head allow for super accurate and easy scoring.

Large breaker and spring loaded pads for easy snapping of tile.

Push ceramic tile cutters are designed to score fired clay ceramic tiles that are glazed.

Stone, fully vitrified porcelain tiles, and some types of unglazed clay tiles may also be cut with this type of cutter.

Breaking System Lever produces 2500 lbs of pressure when splitting tiles with powerful multipoint separator.

Single rail guide will not flex when breaking porcelain tile in the center of the tile.

Cutting head slides easily on self-lubricating bearings.

Breaking pads are mounted on springs for better shock absorption and does not trap tile debris.

Cut-out under breaking pads allows for tile cuttings to fall on floor for easy cleaning.

Allows thick materials to be easily cut.

For L cut's or electrical outlet cut-out you will need a quality wet saw to make these types of cuts.

MODEL 6165
24" CUTTER
★



Tomecanic 7/8" Tungsten Carbide Replacement Cutting Wheel



Part # 118/3 Tungsten Carbide Replacement Cutting Wheels ★

Carbide wheel gives easier, deeper scoring on harder tile and stays sharp longer.
7/8" wheel fits Super Cut 2000 series tile cutters.

22mm Dia x 6mm Inside Dia x 5mm Thick.

The tungsten-carbide wheel is extremely durable.

Replacing the wheel on a cutter returns performance to original condition.

Replacement bolt & nut supplied with wheel.

MAGNETIC PATCHES

For use with Round and Square Spout

- Galvanized outer sheet is standard.
- Blue urethane lining.
- Stainless steel outer sheet is available upon request.



Note: for Non-pressurized applications only.

- **Applications:** Adheres to clean "Steel Surface" with rounded profiles such as, but not limited to, Chutes, Pipes, Troughs & Spouts.
- **Benefits:** All temperature adhesion, single person application, reusable, durable, cost savings.

CAUTION: Keep away from pacemakers and magnetic intolerable electronics and equipment. Not designed for pressurized applications

6"x 6" Round Spout Patch



12"x 12" Round Spout Patch



Removable S-clips provided for the 12" x 12" to convert to a flat patch.

SPOUT PATCHES



EXTENSION KIT A



Kit Includes

1-6"x6" patch

1-12"x12" patch

1-double suction installation tool



Attach this edge to spout, release suction. Use tool to push other edge into place.

Variable working height is based on pole length.

(Extension pole with standard broom handle threads not included)

Photo shows application at 16' overhead.

BLACK REPRO UHMW

DESCRIPTION	SIZE	PRICE
1/8" THICK	4' x 10' SHEET	✱
1/4" THICK	4' x 10' SHEET	✱
1/2" THICK	4' x 10' SHEET	✱

Black UHMW has a slightly lower tensile strength than virgin white UHMW. Unless requested for food grade applications, black is a better value and will have approximately the same lifespan.

WHITE VIRGIN UHMW

DESCRIPTION	SIZE	PRICE
1/8" THICK	4' x 10' SHEET	✱
1/4" THICK	4' x 10' SHEET	✱
1/2" THICK	4' x 10' SHEET	✱

Black UHMW has a slightly lower tensile strength than virgin white UHMW.

Unless requested for food grade applications, black is a better value and will have approximately the same lifespan.

**URETHANE****4'x10' URETHANE SHEETS (BLUE)**

THICKNESS	PLAIN BACK	FABRIC BACK	EXPANDED METAL BACK	SOLID METAL BACK	CERAMIC CHIP
1/4"	✱	✱	✱	✱	✱
5/16"	✱	✱	✱	✱	✱
3/8"	✱	✱	✱	✱	✱
1/2"	✱	✱	✱	✱	✱
3/4"	✱	✱	✱	✱	n/a
1"	✱	✱	✱	✱	n/a

4'x50' ROLL URETHANE

THICKNESS	Plain BLUE	BLUE Fab Back
1/4" THICK	✱	✱
5/16" THICK	✱	✱
3/8" THICK	✱	✱

THICKNESS	Plain RED	RED Fab Back
1/4" THICK	✱	✱
5/16" THICK	✱	✱
3/8" THICK	✱	✱



Flexible Magnetic Patch 9" x 12" ✱

MAGNETIC PATCHES

- Wire hook/handle for fast placement even in elevated or confined areas.
- No welding, bolting taping or gluing.
- Adheres to a clean, metal surface.



Square Spout Patch (for flat surfaces)

6" x 6" ✱

12" x 12" ✱

4'x10' RHINO HYDE HIGH ENERGY SHEETS (ORANGE)

THICKNESS	PLAIN BACK	FABRIC BACK	EXPANDED METAL BACK	SOLID METAL BACK	CERAMIC CHIP
1/4"	✱	✱	✱	✱	✱
5/16"	✱	✱	✱	✱	✱
3/8"	✱	✱	✱	✱	✱
1/2"	✱	✱	✱	✱	✱
3/4"	✱	✱	✱	✱	n/a
1"	✱	✱	✱	✱	n/a

4'x10' KRYPTANE SHEETS (RED)

THICKNESS	PLAIN BACK	FABRIC BACK	EXPANDED METAL BACK	SOLID METAL BACK
1/4"	✱	✱	✱	✱
5/16"	✱	✱	✱	✱
3/8"	✱	✱	✱	✱
1/2"	✱	✱	✱	✱
5/8"	✱	✱	✱	✱
3/4"	✱	✱	✱	✱
1"	✱	✱	✱	✱





- ★ SELF-CLOSING ★
- ★ 3 SIZES FOR OPENINGS 14" TO 48" ★
- ★ EASY INSTALLATION—MOUNTS IN MINUTES ★
- ★ STANDARD SAFETY YELLOW, STAINLESS STEEL, ALUMINUM OR CUSTOM ★
- ★ LIMITED LIFETIME WARRANTY ON HINGES AND GATES ★
- ★ MADE IN THE USA ★

Adjustable Secure Gates available for openings 14" to 48" wide and cover the largest opening distance of any swing gate on the market. They are designed to mount anywhere in minutes and offer easy and universal installation. Secure Gates reduce the complexity and time spent on the typical gate installation. Mount your Secure Gate using only a drill, screws and a few hand tools. No welding, cutting or drilling is required to install.

SIZE	GATE OPENING	GATE MATERIAL - FINISH	PRICE
Small	14"-21"	Steel - Yellow - Standard Gate	★
Medium	21"-32"	Steel - Yellow - Standard Gate	★
Large	32"-48"	Steel - Yellow - Standard Gate	★
Small	14"-21"	Full Height Yellow Steel (Kick Plate)	★
Medium	21"-32"	Full Height Yellow Steel (Kick Plate)	★

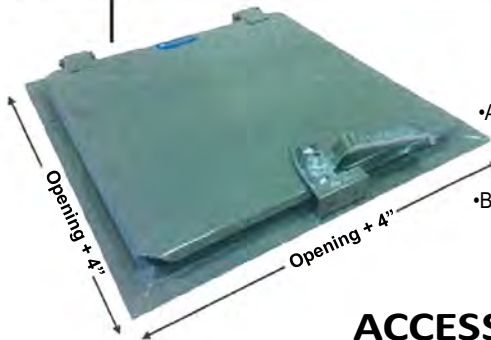
SIZE	GATE OPENING	GATE MATERIAL - FINISH	PRICE
Small	14"-21"	Stainless - 304 Standard Size	★
Medium	21"-32"	Stainless - 304 Standard Size	★
Large	32"-48"	Stainless - 304 Standard Size	★
Small	14"-21"	Stainless - 304 - Full Height (Kick Plate)	Call
Medium	21"-32"	Stainless - 304 - Full Height (Kick Plate)	Call
Large	32"-48"	Stainless - 304 - Full Height (Kick Plate)	Call

3 STANDARD MODELS
PROTECTS WORKERS FROM ENTRY/EXIT FALLS
CUSTOM OPTIONS AND STAINLESS STEEL GATES AVAILABLE

The PS DOORS Access Hatch / Inspection Door is a versatile access door built durable for industrial applications. Each unit is manufactured with a low-profile frame that reduces buildup of material on the hatch cover. They are ideally suited for conveyor replacement or inspection access and duct inspection. Access Hatches can be bolted or welded in place and can be ordered with standard or high temperature seals.

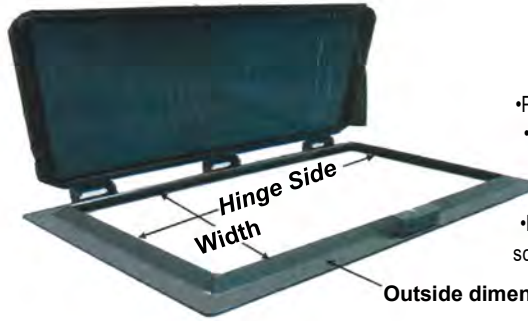


PS DOORS



APPLICATION USE

- Power Plants•
- Mining Operations•
- Agricultural Processing•
- Refineries•
- Industrial Facilities•
- Belt Cleaner Inspections•
- Blade Change-Outs•
- Silos / Curved-Outs•



AVAILABLE OPTIONS

- Primed Mild Steel•
- Powder Coated Grey Mild Steel•
- Stainless Steel (304 or 316L)•
- Custom Sizes•
- Custom Designs•
- Hatchguard - Safety inspection screen and sliding access hatch•

ACCESS HATCHES / INSPECTION DOORS

PART NUMBER	SIZE		ESTIMATED WEIGHT	PRICE	# HINGES	# LATCHES	ADDER FOR SAFETY SCREEN
	WIDTH	HINGE SIDE					
ACHWSM08080710SQ5	8"	8"	12 lbs.	★	2	1	★
ACHWSM12120710SQ5	12"	12"	18 lbs.	★	2	1	★
ACHWSM12180710SQ5	12"	18"	26 lbs.	★	2	1	★
ACHWSM16160710SQ5	16"	16"	25 lbs.	★	2	1	★
ACHWSM18180710SQ5	18"	18"	29 lbs.	★	2	1	★
ACHWSM18240710SQ5	18"	24"	37 lbs.	★	3	2	★
ACHWSM24240710SQ5	24"	24"	44 lbs.	★	3	2	★

SAFETY GATES

Flat Surface Installation	Railing Installation	Powder Coat Yellow	1-24 Gates	25 or more Gates	Hot-Dipped Galvanized Gates	1-24 Gates	25 or more Gates
Min 17 5/16" Max 23 9/16"	Min 15" Max 20"	LSG-1520-PCY	★	★	LSG-1520-GAL	★	★
Min 22 5/16" Max 32 9/16"	Min 20" Max 30"	LSG-2030-PCY	★	★	LSG-2030-GAL	★	★
Min 32 5/16" Max 42 9/16"	Min 30" Max 40"	LSG-3040-PCY	★	★	LSG-3040-GAL	★	★
Min 42 5/16" Max 52 9/16"	Min 40" Max 50"	LSG-4050-PCY	★	★	LSG-4050-GAL	★	★

Minimum and Maximum



CONTACT PREMIER FOR STAINLESS STEEL AND ALUMINUM PRICING.

LADDER & SAFETY CAGE

COMPONENTS	EACH
10' TOWER LADDER ASSEMBLY - GALVANIZED CONSTRUCTION	★
10' TOWER LADDER SAFETY CAGE ASSEMBLY - GALVANIZED CONSTRUCTION	★
TOWER LADDER SAFETY CAGE FLARE ASSEMBLY - GALVANIZED CONSTRUCTION	★
3'x3' REST PLATFORM W/ SAFETY HANDRAIL - GALVANIZED CONSTRUCTION	★

CONTACT PREMIER FOR CUSTOM HEIGHTS AND CONFIGURATIONS

BIN PRESSURE RELIEF VENTS



Available in two sizes
8 Inch Diameter ★
14 Inch Diameter ★



Easy installation with no tools or welding required.
 Improves the flow of product by reducing pressure
 build up. Install with cloth filter and cover.

DUST SOCKS

Rubber Coated Nylon (RCN)

Very pliable soft rubber coating on a two-way nylon backing. The rubber portion of the rubber coated nylon fabric is in compliance with FDA requirements of CFR 21.177.2600 (Rubber Articles Intended for Repeated Use).

Fiber Content Neoprene with nylon backing

Material is rubber coated nylon.



Weight: 32 ounces/yd² = 678 g/M²

Permeability: 0 cfm @ 0.5 water gauge

Temperature Range:

0°F to 200°F Continuous - 250°F Max

18°C to 93°C Continuous - 121°C Max



ROUND & SQUARE FLEXIBLE CONNECTORS



ROUND	EACH
6"	★
8"	★
10"	★
12"	★
14"	★
16"	★
18"	★
20"	★
24"	★

SQUARE	EACH
6"	★
8"	★
10"	★
12"	★
14"	★
16"	★
18"	★
20"	★
24"	★



ERIEZ ProGrade PLATE MAGNETS

CERAMIC MAGNETS

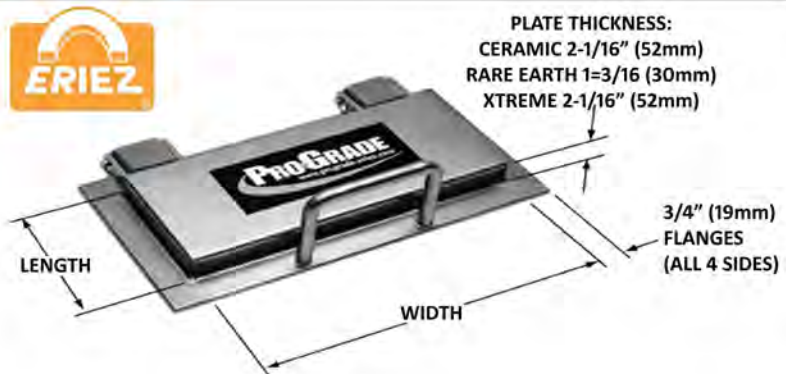
PART #	WIDTH	LENGTH	PRICE
135711P	6"	7-5/8"	✪
135667P	8"	7-5/8"	✪
135712P	10"	7-5/8"	✪
135668P	12"	7-5/8"	✪
135713P	16"	7-5/8"	✪
135714P	20"	7-5/8"	✪
135715P	24"	7-5/8"	✪

RARE EARTH MAGNETS

PART #	WIDTH	LENGTH	PRICE
129906P	6"	5½"	✪
129908P	8"	5½"	✪
129910P	10"	5½"	✪
129912P	12"	5½"	✪
129914P	14"	5½"	✪
129918	18"	5½"	✪
129924	24"	5½"	✪

RE7 XTREME RARE EARTH MAGNETS

PART #	WIDTH	LENGTH	PRICE
135283P	6"	5½"	✪
135285P	8"	5½"	✪
135287P	10"	5½"	✪
135289P	12"	5½"	✪
135291P	14"	5½"	✪
135295	18"	5½"	✪
135299	24"	5½"	✪



Eriez' Plate Magnets are designed to remove ferrous contamination from products traveling in chutes, spouts, ducts, pipes and conveyors.

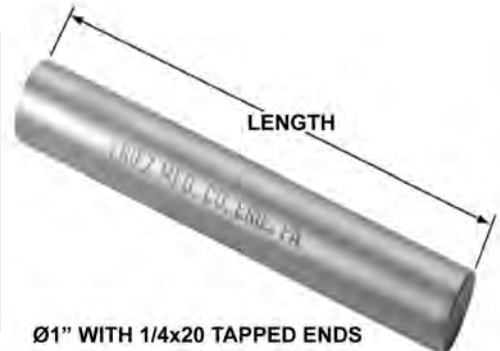
Eriez' Plate Magnets include Eriez exclusive "pinge" style hinges for easy cleaning and are all stainless steel construction in Ceramic and Rare Earth models. Rare Earth powered separators are designed to remove small ferrous contaminants such as pins, brads and clips.

Separators powered by ProGrade Xtreme™ Rare Earth magnet material are best at removing weakly magnetic fine ferrous contamination.

ERIEZ ProGrade TUBE MAGNETS

Eriez' powerful magnetic tube circuits are designed to remove ferrous contamination from both dry and liquid products. Eriez' tube magnets can be used as inspection tools or in areas where conventional Grate Magnets will not fit. These 1-inch (25.4mm) diameter tubes are 316L stainless steel construction and have 1/4 x 20 tapped ends. Ceramic, Rare Earth and Xtreme Rare Earth circuits are available in varying lengths.

CERAMIC			RARE EARTH		RE7 XTREME RE	
LENGTH	PART #	PRICE	PART #	PRICE	PART #	PRICE
4"	135708P	✪	126734P	✪	150571	✪
6"	133640P	✪	132640P	✪	150561	✪
8"	133642P	✪	126725P	✪	150572	✪
10"	133644P	✪	126728P	✪	150573	✪
12"	133646P	✪	126727P	✪	150563	✪
14"	133648P	✪	133567P	✪	150574	✪
16"	134057P	✪	130919P	✪	150575	✪
18"	134059P	✪	130920P	✪	150565	✪
20"	135709P	✪	140820P	✪	150576	✪
22"	135710P	✪	135684P	✪	150577	✪
24"	140764P	✪	126748P	✪	150578	✪

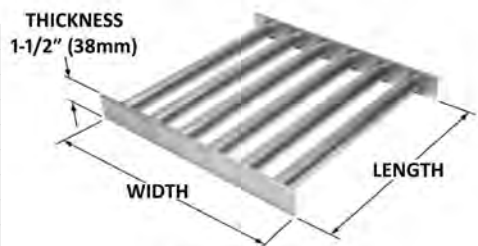


ERIEZ ProGrade GRATE MAGNETS

Eriez' Grate Magnets are designed to remove ferrous contamination from dry products such as powders or granules. The product will flow between the 1-inch diameter Tube magnets that are spaced on 2-inch tube centers and held rigidly in place. Magnet options include single-row square, rectangular and round Grates in addition to Grate in Housing designs. Choose from the three strengths offered below and select the one that best suits your application. Ceramic powered separators are for removing medium to large tramp metal such as bolts, nuts and hand tools. Rare Earth powered separators are designed to remove small ferrous contaminants such as pins, brads and clips. Separators powered by ProGrade Xtreme™ Rare Earth magnet material are best at removing weakly magnetic fine ferrous contamination.

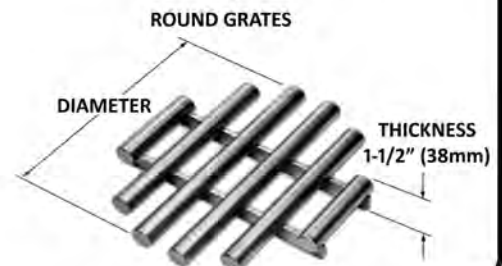
SQUARE AND RECTANGULAR GRATES

CERAMIC			RARE EARTH		RE7 XTREME RE	
DIM: L x W	PART #	PRICE	PART #	PRICE	PART #	PRICE
6" x 6"	135717P	✪	135677P	✪	150597	✪
8" x 8"	135665P	✪	135663P	✪	150598	✪
10" x 6"	135718P	✪	135678P	✪		
10" x 10"	135719P	✪	135664P	✪	150599	✪
12" x 8"	135720P	✪	135679P	✪		
12" x 12"	135669P	✪	135680P	✪	150600	✪
16" x 12"	135721P	✪	135682P	✪		
14" x 14"	135722P	✪	135683P	✪	150800	✪



ROUND GRATES

CERAMIC			RARE EARTH		RE7 XTREME RE	
DIAMETER	PART #	PRICE	PART #	PRICE	PART #	PRICE
6"	135685P	✪	135687P	✪	150797	✪
8"	135694P	✪	135688P	✪	150798	✪
10"	135692P	✪	135690P	✪	150799	✪
12"	135696P	✪	135695P	✪	150806	✪
14"	135699P	✪	135698P	✪	150807	✪
16"	135701P	✪	135700P	✪		
18"	135703P	✪	135702P	✪		
20"	135705P	✪	135704P	✪		



GRAIN LADDERS**Grain Ladders**

- 1/4" Plate Baffles
- 5,000 bph to 40,000 bph
- Linear Options Available
- Location Options:
Sidewall or Center

Dry Bean Ladders

- 600 bph to 10,000 bph
- Rubberized Baffles
- Closed or Open Ladders
- Location Options:
Sidewall or Center

**SUPPORT TOWERS & CATWALKS****Bridge Truss Catwalks**

- Walkthru Truss
- Under Bridge Truss
- Rigid Construction with Minimal Site Labor
- Enclosed Option
- Cantilever Capability
- Walkway Can Bolt On to Outside of Bridge: 1 or 2 sides

Handrail Truss Catwalks

- Common Loading at Shorter Spans
- Heavy Capacity Models
- Easy to Assemble Sections

**LADDER SYSTEMS****Bin Ladder & Cage****Features:**

- 10' Section Ladders for Towers and Retro Fit
- 42", 44", and 64" Section Bin Wall Ladder Systems For Ease of Installation
- Cage and Platform Packages
- No Drilling Holes
- Hot Dipped Galvanized
- Heavier Construction than Factory Ladders
- Competitively Priced with Factory Ladder Systems
- Easy Updated Retro Fit

**ELEVATOR SUPPORT TOWERS****Features:**

- Heavy Duty
- Hot Dipped Galvanized
- Easy and Safe to Assemble
- Prefabricated Welded Design
- Bolt Together Design Available

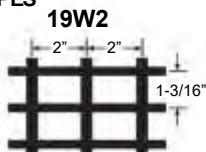
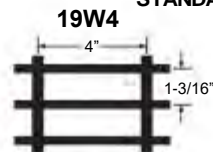
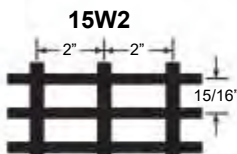
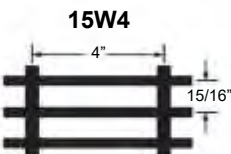
- Structural Steel Shapes are Greater Than 1/8" and Allow for On-Site Modification

Specifications:

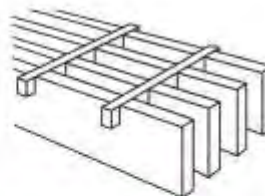
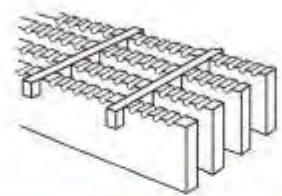
- Hundreds of Standard Models
- Unlimited Custom Design
- Ability with Numerous Shapes

**STEEL GRATING**

Panels come in stock widths of 2' & 3' with lengths of 20' & 24'. 3/16" main bars are used with 5/16" hexagonal cross bars and 1/8" main bars are used with 1/4" hexagonal bars.

STANDARD MESH TYPES**CLOSE MESH TYPES****SURFACES**

Smooth surface steel grating is available in a wide variety of materials for many applications. Serrated surfaces are available on many types of grating. Serrated surfaces are safe and slip-resistant and offer more secure footing where a variety of liquids are present.

SMOOTH SURFACE**SERRATED SURFACE**

GREENE
GALVANIZED STAIRS

Sidewall Stairs, Roof Stairs, Manwalks, Conveyor Supports, Walkarounds, and Straight-Up Stairs.



3M™ DBI-SALA® Lad-Saf™ FLEXIBLE CABLE VERTICAL SAFETY SYSTEMS



2-User Ladder System and Cable

Cable Length	20 ft	30 ft	40 ft	50 ft	60 ft	70 ft	80 ft	90 ft	100 ft	*110 ft	*120 ft
Number of Guides Included	0	1	1	1	2	2	2	3	3	4	5
GALVANIZED STEEL:											
6116612: Rung, 2 User										6116631	6116631
6104XXX: 1x7 Swaged, 3/8"										6116612	6116612
6100400: Cable Guide for fixed ladder 1 per 30'										6104110	6104120
										6100400	6100400
	6118020	6118030	6118040	6118050	6118060	6118070	6118080	6118090	6118100	6160054	6160054
Price Each	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
STAINLESS STEEL:											
6116613: Rung, 2 User										6116631	6116631
6105XXX: 1x7 Swaged, 3/8"										6116612	6116612
6100457: Cable Guide for fixed ladder 1 per 30'										6104110	6104120
										6100400	6100400
	6119020	6119030	6119040	6119050	6119060	6119070	6119080	6119090	6119100	6160054	6160054
Price Each	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱

*Cable lengths over 100' all part numbers listed are required to make up the kit. One guide every 20 - 30 ft is recommended by the manufacturer.



Pre-swaged cable at desired length

First 4 numbers in SKU represent the cable type, last 3 numbers represent cable length in feet.

Part #	6104XXX	6105XXX	6106XXX	6107XXX
Diameter	3/8 in (9.5 mm)	3/8 in (9.5 mm)	3/8 in (9.5 mm)	3/8 in (9.5 mm)
Strand	1 X 7	1 X 7	7 X 19	7 X 19
Steel	Galvanized	Stainless	Galvanized	Stainless
Preformed	Left, Regular Lay	Left, Regular Lay	Right, Regular Lay	Right, Regular Lay
Compliance	RR-W-410	RR-W-410	RR-W-410	RR-W-410
Breaking strength	15,400 lbs. minimum	18,000 lbs. minimum	14,400 lbs. minimum	12,000 lbs. minimum
Sold in 10' sections	call for pricing	call for pricing	call for pricing	call for pricing

Last three numbers of part # is the length of cable (example: for XXX use 010 which would equal 10' length)

Lifeline cable offered in: *10-100 ft. in 5ft. Increments
*100-200ft. in 10ft. Increments
*Over 200 ft. in 20 ft. Increments

Top & Bottom Bracket System (both brackets included)

Application	User	Material	Part#	Price Each
Rung	2 User	Galvanized Steel	6116631 (6116612)	✱
Rung	2 User	Stainless Steel	6116632 (6116613)	✱
Rung	4 User	Galvanized Steel	6116633 (6116614)	✱
Wood Pole	2 User	Galvanized Steel	6116635 (6116616)	✱
Monopole	4 User	Galvanized Steel	6116634 (6116615)	✱
Climb Extension	2 User	Galvanized Steel	6116636 (6116617)	✱
Telescoping Extension	4 User	Galvanized Steel	6116618	✱

6160054 Cable Sleeve with Carabiner



Cable Guides as needed (recommended every 20-40 feet)

Application(s)	Type	Material	Part #	Price Each
Ladder	Straight Guide	Galvanized Steel	6100400	✱
Ladder	Straight Guide	Stainless Steel	6100457	✱
Ladder	L Guide	Stainless Steel	6100513	✱
Ladder	Straight Guide	Galvanized Steel	6100530	✱
Telescoping & Extension	Straight Guide	Stainless Steel	6100401	✱
Monopole	L Guide	Galvanized Steel	6100515	✱
Wood Pole	Straight Guide	Stainless Steel	6100140	✱

3M Fall Protection Delta Cross-Over Style Climbing Harness 1102010



3M Fall Production Business Harness, Series: Delta™, Universal, 420 lb, Repel™ Polyester Strap, Fastening Method: Pass-Thru Leg Strap, D-Ring Back and Front, Crossover, Steel/E-Coat/Aluminum/Stainless Steel Hardware, Yellow/Navy, Zinc Plated

Hollow Rung ladder supports may be required for additional support.
Contact Premier Components for more Information.

**DUCTWORK IS 10' LONG CARBON STEEL SEAM
WELDED WITH FLANGED ENDS AND PRIME PAINTED**

SIZE	10' LONG PRICING			
	12ga.	10ga.	7ga.	1/4"
11"	✱	✱	✱	✱
13"	✱	✱	✱	✱
15"	✱	✱	✱	✱
17"	✱	✱	✱	✱
18"	✱	✱	✱	✱
20"	✱	✱	✱	✱
22"	✱	✱	✱	✱

SIZE	10' LONG PRICING			
	12ga.	10ga.	7ga.	1/4"
24"	✱	✱	✱	✱
26"	✱	✱	✱	✱
28"	✱	✱	✱	✱
30"	✱	✱	✱	✱
32"	✱	✱	✱	✱
34"	✱	✱	✱	✱
36"	✱	✱	✱	✱

SIZE	10' LONG PRICING			
	12ga.	10ga.	7ga.	1/4"
38"	✱	✱	✱	✱
40"	✱	✱	✱	✱
44"	✱	✱	✱	✱
46"	✱	✱	✱	✱
48"	✱	✱	✱	✱
60"	✱	✱	✱	✱

ROUND BUTTERFLY DAMPER - PAINTED FINISH



6"	✱
8"	✱
10"	✱

12"	✱
14"	✱
16"	✱

18"	✱
20"	✱
24"	✱



GORED ELBOWS



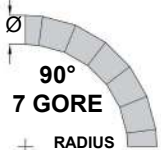
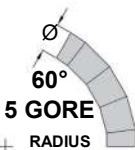
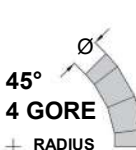
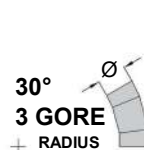
90° - 7 GORE ELBOWS

60° - 5 GORE ELBOWS

45° - 4 GORE ELBOWS

30° - 3 GORE ELBOWS

SIZE	RADIUS	12ga.	10ga.	7ga.	1/4"	12ga.	10ga.	7ga.	1/4"	12ga.	10ga.	7ga.	1/4"	12ga.	10ga.	7ga.	1/4"
6"	24"	n/a	\$163.38	n/a	n/a	n/a	\$155.29	n/a	n/a	n/a	\$102.55	n/a	n/a	n/a	\$102.55	n/a	n/a
8"	24"	n/a	✱	✱	✱	n/a	✱	✱	✱	n/a	✱	✱	✱	n/a	✱	✱	✱
10"	24"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
12"	36"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
14"	36"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
16"	48"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
18"	48"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
20"	48"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
22"	48"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
24"	48"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
26"	48"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
28"	48"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
30"	48"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
32"	48"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
34"	48"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
36"	60"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
40"	72"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
48"	72"	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
54"	72"	n/a	✱	✱	✱	n/a	✱	✱	✱	n/a	✱	✱	✱	n/a	✱	✱	✱
60"	90"	n/a	✱	✱	✱	n/a	✱	✱	✱	n/a	✱	✱	✱	n/a	✱	✱	✱
66"	108"	n/a	✱	✱	✱	n/a	✱	✱	✱	n/a	✱	✱	✱	n/a	✱	✱	✱

90°
7 GORE60°
5 GORE45°
4 GORE30°
3 GORE

CUSTOM RADIUS ELBOWS AVAILABLE

SWEEP ELBOWS

REMOVABLE BACK SWEEP ELBOWS INCLUDE SQUARE TO ROUND TRANSITIONS AND ARE CONSTRUCTED OF 10GA.
CONTACT PREMIER COMPONENTS FOR CUSTOM ELBOWS AND RADIUS / MATERIAL.

REMOVABLE BACK SWEEP ELBOWS

10GA CONSTRUCTION / 10GA MILD STEEL

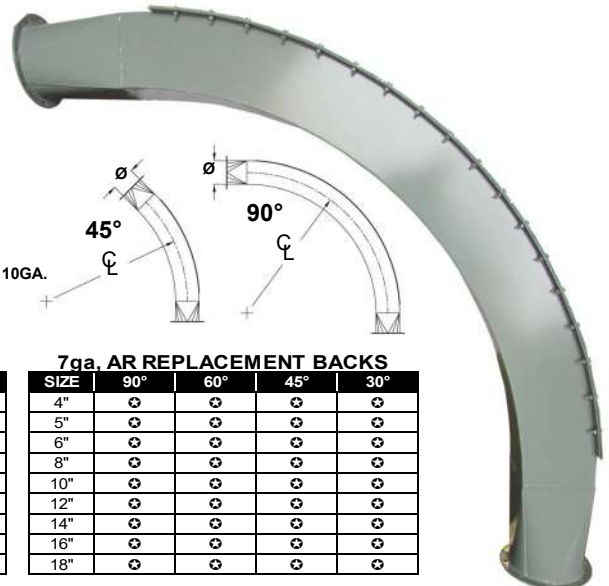
SIZE	RADIUS	90°	60°	45°	30°
4"	36"	✱	✱	✱	✱
5"	36"	✱	✱	✱	✱
6"	36"	✱	✱	✱	✱
8"	48"	✱	✱	✱	✱
10"	48"	✱	✱	✱	✱
12"	48"	✱	✱	✱	✱
14"	48"	✱	✱	✱	✱
16"	48"	✱	✱	✱	✱
18"	48"	✱	✱	✱	✱

10ga. REPLACEMENT BACKS

SIZE	90°	60°	45°	30°
4"	✱	✱	✱	✱
5"	✱	✱	✱	✱
6"	✱	✱	✱	✱
8"	✱	✱	✱	✱
10"	✱	✱	✱	✱
12"	✱	✱	✱	✱
14"	✱	✱	✱	✱
16"	✱	✱	✱	✱
18"	✱	✱	✱	✱

7ga. AR REPLACEMENT BACKS

SIZE	90°	60°	45°	30°
4"	✱	✱	✱	✱
5"	✱	✱	✱	✱
6"	✱	✱	✱	✱
8"	✱	✱	✱	✱
10"	✱	✱	✱	✱
12"	✱	✱	✱	✱
14"	✱	✱	✱	✱
16"	✱	✱	✱	✱
18"	✱	✱	✱	✱



**ADD 20% FOR GALVANIZED DUCTWORK AND ELBOWS.
CONTACT FACTORY FOR STAINLESS STEEL PRICING**



GALVANIZED SPIRAL SEAM PIPE

SIZE	GAUGE	\$/FT
4"	24	★
5"	24	★
6"	24	★
7"	24	★
8"	24	★
9"	24	★
10"	24	★
11"	24	★
12"	24	★
13"	24	★
14"	24	★
15"	24	★
16"	24	★
17"	24	★
18"	24	★
20"	24	★
22"	24	★
24"	22	★
26"	22	★
28"	22	★

GALVANIZED PIPE COUPLINGS

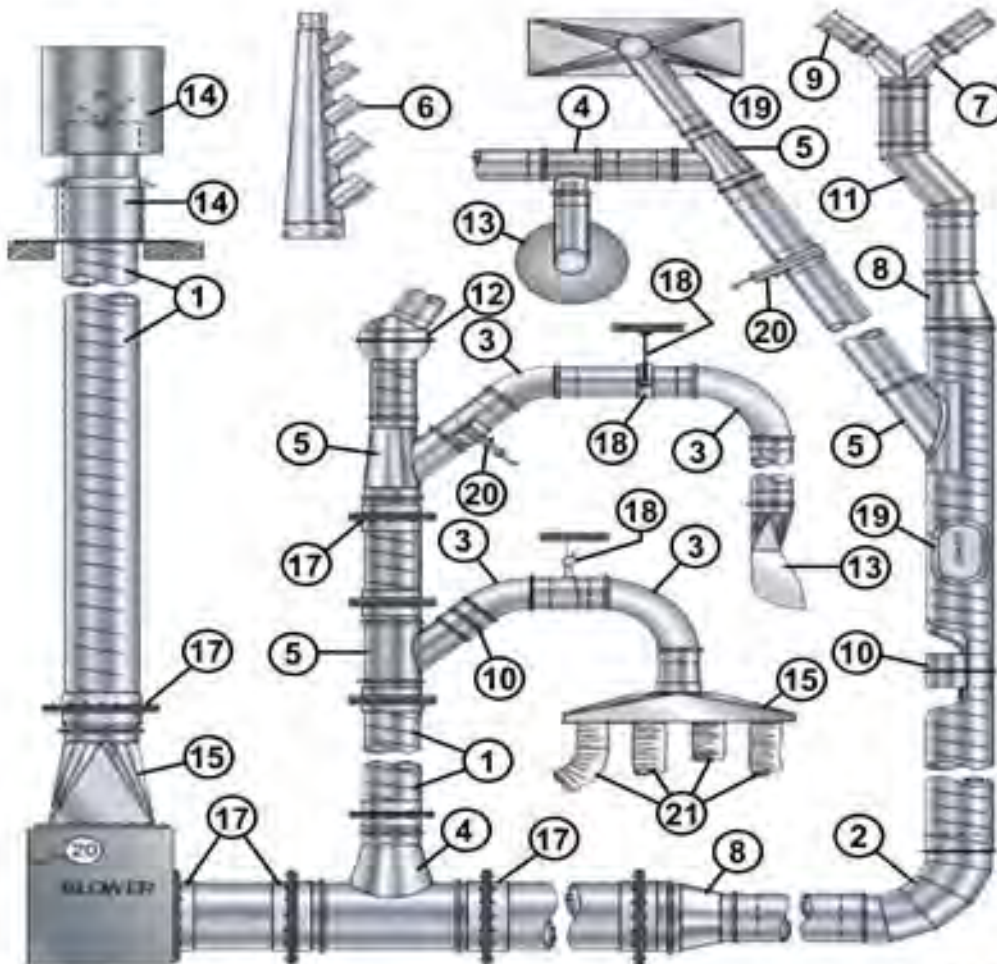
SIZE	GAUGE	PRICE
4"	24	★
5"	24	★
6"	24	★
7"	24	★
8"	24	★
9"	24	★
10"	24	★
11"	24	★
12"	24	★
13"	24	★
14"	24	★
15"	24	★
16"	24	★
17"	24	★
18"	22	★
20"	22	★
22"	22	★
24"	22	★
26"	22	★
28"	22	★

GALVANIZED ELBOWS (r = 1½D)

SIZE	GAUGE	90°	45°
4"	20	★	★
5"	20	★	★
6"	20	★	★
7"	20	★	★
8"	20	★	★
9"	20	★	★
10"	20	★	★
11"	20	★	★
12"	20	★	★
13"	20	★	★
14"	20	★	★
15"	20	★	★
16"	20	★	★
17"	20	★	★
18"	20	★	★
20"	20	★	★
22"	20	★	★
24"	20	★	★
26"	20	★	★
28"	20	★	★

BLAST GATES (FULL SHOWN)

SIZE	FULL	HALF
4"	★	★
5"	★	★
6"	★	★
7"	★	★
8"	★	★
9"	★	★
10"	★	★
11"	★	★
12"	★	★
13"	n/a	n/a
14"	★	★
15"	n/a	n/a
16"	★	★
17"	n/a	n/a
18"	★	★
20"	★	n/a
22"	n/a	n/a
24"	★	n/a
26"	★	n/a
28"	★	n/a



- 1 Spiral Seam Pipe
- 2 Gored Elbows
- 3 Die Formed Elbows
- 4 Tees
- 5 Laterals
- 6 Manifolds
- 7 Pant Wyes
- 8 Reducers
- 9 Plugs
- 10 Couplings
- 11 Offsets
- 12 Ball Joints
- 13 Pick up Hoods
- 14 Weather Hoods
- 15 Transitions
- 16 Rectangular Duct
- 17 Flanged Connections
- 18 Hanger Accessories
- 19 Clean Out & Access Doors
- 20 Blast Gates
- 21 Flexible Hose & Accessories

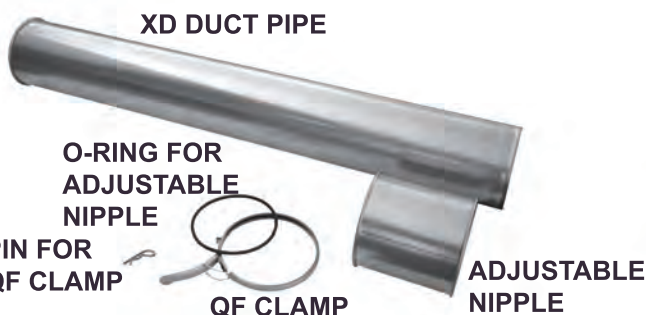
CALL PREMIER COMPONENTS FOR PRICING OF ALL YOU DUST CONTROL NEEDS. REFERENCE THE ABOVE NUMBERS WITH THE SIZES AND QUANTITIES REQUIRED.



Ducting

XD SERIES

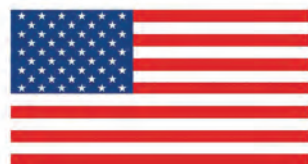
14 and 12 gauge ducting in 5' lengths that is available in Ø8" - Ø24" with rolled edge. The XD Adjustable Nipple Assembly gives users of 14 gauge XD Ducting all the easy-to-use features of Quick-Fit® Ducting - a modular system with the ability to make fast length adjustments and clamp-together connectivity - PLUS the durability of 14 gauge galvanized steel.



Available hoses include black and clear rubber, static dissipative urethane, rigid flex steel and ultra flex steel.



NORDFAB DUCTING makes the perfect dust collection pipe. Our pipe is air-tight, leak-free, and durable against abrasion. Compared to alternatives, the Nordfab dust collection pipe won't wear as quickly when transporting abrasive materials. When a part does wear, it is easily unclamped from the system and replaced in minutes.



MADE IN THE USA

QF SERIES

"The World's Fastest Ducting"

Quick-Fit® Adjustable Nipple available in 3" - 24" diameter.

Used to provide variable length adjustment of the QF System.

Black O-Ring included standard.



Quick-Fit® Duct Pipe has laser welded seam and QF 3" is 59½" long and has lock form seam construction. QF 4" - 24" sizes also have laser welded seams.



Quick-Fit® Clamp w/ Pin comes standard from the factory with Nitrile seals. Silicone or ePTFE seals are optional - specify when ordering. Clamps also may be ordered without seals.



AIR SYSTEMS TUBING COMPONENTS



PNEUMATIC CONVEYING

TUBE AND PIPE: 1.5" - 10" OD, 1" - 8" NPS, in Aluminum, Stainless, Carbon, and Galvanized Steel

BENDS: 1.75" - 72" centerline radius

ACCESSORIES: the Instalok coupling, compression couplings, tube and pipe fittings, hoses, and installation components



INDUSTRIAL VACUUM

TUBE AND PIPE: 2.125" - 14" OD,

BENDS: 1.75" - 72" centerline radius (short, standard, and long)

ACCESSORIES: extensive line of fittings and duct components



COUPLING SOLUTIONS

INSTALOK™

COMPRESSION COUPLINGS

ELIMINATOR

SUPER GRIP

ALUMINUM CAM & GROOVE



DHS System Sizes

Poly Series	Price	Corten (3MM Steel)	Price
DSH Mini-POLY	☆	DSH Mini-COR	☆
DSH 1-POLY	☆	DSH 1-COR	☆
DSH 2-POLY	☆	DSH 2-COR	☆
DSH 3-POLY	☆	DSH 3-COR	☆
DSH 4-POLY	☆	DSH 4-COR	☆
DSH 5-POLY	☆	DSH 5-COR	☆
DSH 6-POLY	n/a	DSH 6-COR	☆
DSH 7-POLY	n/a	DSH 7-COR	☆
DSH 8-POLY	n/a	DSH 8-COR	☆
DSH 9-POLY	n/a	DSH 9-COR	☆
Tardis-POLY	n/a	Tardis-COR	Call

Hardox (4MM Steel) and Stainless also available.



IMPERIAL

METRIC

Model	Bushels/Hour	Tons/Hour (48 PCF)	Tons/Hour (100 PCF)	Tonnes/Hour (48 PCF)	Tonnes/Hour (100 PCF)
MINI	800-3,200	25-95	50-200	23-86	45-181
DSH1	3,200-5,000	95-150	200-310	86-136	181-281
DSH2	5,000-8,200	150-245	310-510	136-222	281-463
DSH3	7,300-12,800	220-380	450-790	200-345	408-717
DSH4	12,800-20,000	380-600	790-1,200	345-544	717-1089
DSH5	20,000-29,000	600-860	1,200-1,800	544-780	1089-1633
DSH6	29,000-39,000	860-1,175	1,800-2,400	780-1066	1633-2177
DSH7	39,000-52,000	1,175-1,530	2,400-3,200	1066-1388	2177-2903
DSH8	52,000-65,000	1,530-1,940	3,200-4,100	1388-1760	2903-3719
DSH9	65,000-80,000	1,940-2,400	4,100-5,000	1760-2177	3719-4536

Your size selection is dependent upon your product, its bulk density and flow rate.

Your decision on size requirement should be made in conjunction with your supplier. We continue to research new sizes and construction materials.

Savings & Benefits

- Standard model uses no utilities & no internal moving parts.
 - Reduce maintenance, cleaning & storage costs.
 - Relocate or turn off dust extraction.
 - Reduce loss of fugitive fines.
 - Faster, cleaner truck, stockpile and rail car loading.
 - Reduce product shrinkage & improve visibility while loading.
 - Improve your employee health and safety.
 - Improve air quality for your environmental community.
- Enables operation closer to urban areas.

**May Reduce
Total Dust by up to
98%**

Depending on installation and material used, customers may experience a lesser dust reduction.



With DSH systems, there is no dust generation on impact. Radial flow occurs away from the impact point. Dust generation by direct feed from conveyor belt. Particle break-away at the edge of the feed causes high volumes of dust. Converging powder stream rapidly thins. No dust emission from falling jet occurs.



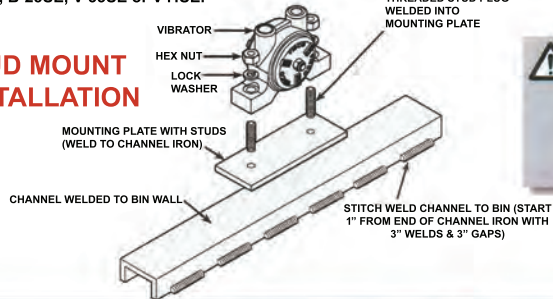
HOW IT WORKS Compressed air drives a hardened steel ball at high speeds around a highly finished and hardened steel race creating high frequency vibration. Vibco Ball Vibrators require lubrication for long maintenance-free operation and start in any position. Mount VIBCO BALL VIBRATORS either directly to structure to be vibrated or use simple mounting plates welded or bolted to the structure for better vibration transfer to a larger surface.



V-130

MODEL V The V-line ball vibrators are the most versatile, lowest cost units. They are light, sturdy and made to work in adverse conditions of water, heat, cold or dirt in any position. The most versatile and popular unit is the V-320. Considered to be the work horse of the line, it produces 600 lbs. at 10,000 VPM. Models V-100 & V-130 have built-in exhaust mufflers and the rest have threaded exhaust ports. For units with built-in mufflers, order V-19SE, B-25SE, V-35SE or V41SE.

STUD MOUNT INSTALLATION



Warning: Mounting Plate and Channel Iron are each sold separately. Length of mounting channel sized by application requirements and force output of vibrator. Please consult factory to determine channel length if necessary.



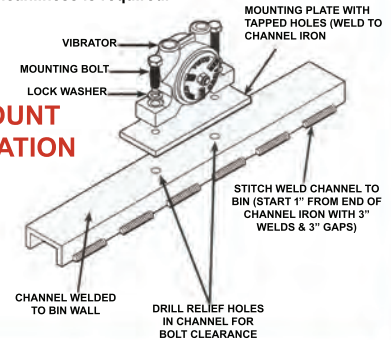
BV-130



BV-380

MODEL BV The BV Series will withstand continuous operation at high temperatures up to 350° with proper lubrication and a constant low air pressure of 5 to 10 PSI through the unit when not in operation. The easily exchangeable ball races make them easy to repair for prolonged life at a small cost. The top air outlet port allows discharge air to be silenced by a muffler or piped away from the area of operation if absolute cleanliness is required.

BOLT MOUNT INSTALLATION



AIR PISTON VIBRATORS

- Flow aids for bins, hoppers, silos, chutes and tracks prevent bridging, clogging, sticking and ratholes
- Power small Feeders, Screeners or Densification Tables
- Impact styles for maximum force
- Air Cushioned styles for quiet operation
- Timed, Single Impact styles for sticky or moist material



MINIATURE AIR VIBRATORS

- Solution for precise and delicate material flow challenges in bins, hopper, chutes and tracks
- Compact and powerful



TRUCK AND TRAILER VIBRATORS

- Hopper bottom trailers, dump bodies, belly dump trailers, sand/salt spreaders or mobile screeners
- 12V/24V DC or Pneumatic Models
- Built to last in harsh weather conditions



PNEUMATIC TURBINE VIBRATORS

- High frequency flow aids for small hoppers, chutes, tracks and screens
- De-air or consolidate concrete or molded products
- No lubrication. Quiet operation. Very efficient use of air
- Constructed with clean materials



URAS TECHNO® ROTARY ELECTRICS

- Flow aids for bins, hoppers and chutes
- Drives for vibratory equipment
- Force outputs range from 30 lbs. to over 40,000 lbs.
- High IP Ratings. Long life



PORTABLE & RAILCAR PNEUMATIC VIBRATORS

- Railcar Vibrators with Female Brackets
- UH Model is optimal for concrete forms
- VMSAC Vacuum Mount fit with air cushioned Piston vibrator for heavy duty hopper cleanout
- VMSAC Vacuum Mount option for Portable Bins
- IBC cleanout & concrete/molded product forms
- CVT Vacuum Mount fit with turbine vibrator for small load material handling



PNEUMATIC BALL VIBRATORS

- Good for simple vibratory tables for packing & densifying or settling molded product
- Flow aids for small to medium bins, hoppers, chutes, tracks or screen decks
- Lower cost with shorter life expectancy



ELECTROMAGNETIC VIBRATORS

- Ideal for moving materials from small hoppers, chutes, and flow pipes
- Unitized armature assemblies
- Fit with strong fiberglass leaf springs and an encapsulated, high temperature coil to provide long service life



ACCESSORIES

- Frequency and amplitude control options
- Capacitor Starter for Single Phase Motors
- "Make It A Kit" option



RUBBER BELTING

**BLACK RUBBER 1/16 X 1/16 COVERS
BELTING (STATIC CONDUCTIVE, SUPER
OIL RESISTANT AND FLAME RETARDANT)**

TENSION	PER INCH WIDTH COST
2 PLY 220 #	⊛
3 PLY 330 #	⊛
4 PLY 440 #	⊛
3 PLY 600 #	Please Call
4 PLY 800 #	Please Call

**BLACK RUBBER 3/16 X 1/16 COVERS
BELTING**

TENSION	PER INCH WIDTH COST
2 PLY 220 #	⊛
3 PLY 330 #	⊛
4 PLY 440 #	Please Call

PUNCHING PER HOLE



SKIRT BOARD RUBBER

THICKNESS	PER INCH WIDTH COST
1/4"	⊛
1/2"	⊛

MADE IN THE USA

PVC BELTING

BLACK PVC CBS CONVEYOR BELTING

TENSION	PER INCH WIDTH COST
120 #	⊛
150 #	⊛
200 #	⊛
250 #	⊛
300 #	⊛
350 #	⊛
450 #	⊛

BLACK PVC COS CONVEYOR BELTING

TENSION	PER INCH WIDTH COST
120 #	⊛
150 #	⊛
200 #	⊛

**WHITE FOOD GRADE PVC COS
CONVEYOR BELTING**

TENSION	PER INCH WIDTH COST
120 #	Please Call
150 #	Please Call

PUNCHING PER HOLE



**BLACK CRESCENT TOP PVC COS
CONVEYOR BELTING**

TENSION	PER INCH WIDTH COST
120 #	⊛
150 #	⊛
200 #	Please Call

TO PRICE BELTING BY THE LINEAL FOOT, MULTIPLY THE WIDTH OF BELT DESIRED BY THE PER INCH
EXAMPLE: 13" WIDE OF 3 PLY 330# RUBBER BELTING WITH 1/16 x 1/16 COVERS WITH A PER INCH WIDTH
COST OF \$⊛ (13x\$⊛ = \$⊛ PER LINEAL FOOT)

Contact Premier Components for specific belt requirements.

BELT LACING OPTIONS

CLIPPER WIRE HOOK



BELT SPLICE



ALLIGATOR



FLEXCO



CALL PREMIER FOR PRICING ON ALL AVAILABLE LACING OPTIONS. WE CAN PROVIDE CLIPPED WIRE HOOK,
ALLIGATOR STAPLE, FLEXCO RIVET, BOLT HINGED & RIVETED SOLID PLATE AMONG MANY OTHERS.



CC-HD CC-XD and U-HD
Available

**Tapco
Inc.**



Maxi-Lift Inc.

BUCKET SIZE	Heavy Duty Polyethylene	Nylon	Urethane
3" x 2"	☼	☼	☼
4" x 3"	☼	☼	☼
5" x 4"	☼	☼	☼
6" x 4"	☼	☼	☼
7" x 4"	☼	☼	☼
6" x 5"	☼	☼	☼
7" x 5"	☼	☼	☼
8" x 5"	☼	☼	☼
9" x 5"	☼	☼	☼
10" x 5"	☼	☼	☼
11" x 5"	☼	☼	☼
12" x 5"	☼	☼	☼
8" x 6"	☼	☼	☼
9" x 6"	☼	☼	☼
10" x 6"	☼	☼	☼
11" x 6"	☼	☼	☼
12" x 6"	☼	☼	☼

BUCKET SIZE	Heavy Duty Polyethylene	Nylon	Urethane
13" x 6"	☼	☼	☼
14" x 6"	☼	☼	☼
10" x 7"	☼	☼	☼
11" x 7"	☼	☼	☼
12" x 7" LP	☼	☼	☼
13" x 7" LP	☼	☼	☼
14" x 7" LP	☼	☼	☼
15" x 7"	☼	☼	☼
16" x 7" LP	☼	☼	☼
11" x 8"	☼	☼	☼
12" x 8"	☼	☼	☼
13" x 8"	☼	☼	☼
14" x 8" LP	☼	☼	☼
15" x 8"	☼	☼	☼
16" x 8" LP	☼	☼	☼
18" x 8"	☼	☼	☼
20" x 8" LP	☼	☼	☼



CC-Max Tiger-Tuff HD-Max

BUCKET SIZE	Heavy Duty Polyethylene	Urethane or Nylon
12" x 7"	CALL	CALL
13" x 7"	CALL	CALL
14" x 7"	CALL	CALL
16" x 7"	CALL	CALL
12" x 8"	CALL	CALL
14" x 8"	CALL	CALL
16" x 8"	CALL	CALL
18" x 8"	CALL	CALL
20" x 8"	CALL	CALL
20" x 10"	CALL	CALL



DIGGER BUCKETS—PLAIN OR STAINLESS STEEL



BUCKET SIZE	PLAIN STEEL	STAINLESS STEEL
3x2	CALL	CALL
3-3/4x3	CALL	CALL
4x3	CALL	CALL
4x3-1/2	CALL	CALL
5x4	CALL	CALL
6x4	CALL	CALL
7x4	CALL	CALL
5x4-1/2	CALL	CALL
7x4-1/2	CALL	CALL
6x5	CALL	CALL
7x5	CALL	CALL
8x5	CALL	CALL
9x5	CALL	CALL
10x5	CALL	CALL
11x5	CALL	CALL
12x5	CALL	CALL
7x5-1/2	CALL	CALL
8x5-12	CALL	CALL
9x5-12	CALL	CALL
11x5-12	CALL	CALL
8x6	CALL	CALL
9x6	CALL	CALL
10x6	CALL	CALL
11x6	CALL	CALL

BUCKET SIZE	PLAIN STEEL	STAINLESS STEEL
12x6	CALL	CALL
13x6	CALL	CALL
14x6	CALL	CALL
9x6-1/2	CALL	CALL
11x6-1/2	CALL	CALL
10x7	CALL	CALL
11x7	CALL	CALL
12x7	CALL	CALL
13x7	CALL	CALL
14x7	CALL	CALL
15x7	CALL	CALL
16x7	CALL	CALL
18x7	CALL	CALL
20x7	CALL	CALL
10x8	CALL	CALL
11x8	CALL	CALL
12x8	CALL	CALL
13x8	CALL	CALL
14x8	CALL	CALL
15x8	CALL	CALL
16x8	CALL	CALL
18x8	CALL	CALL
20x8	CALL	CALL

BUCKET SIZE	PLAIN STEEL	STAINLESS STEEL
22x8	CALL	CALL
24x8	CALL	CALL
13x8-1/2	CALL	CALL
15x8-1/2	CALL	CALL
16x9	CALL	CALL
20x9	CALL	CALL
16x10	CALL	CALL
18x10	CALL	CALL
20x10	CALL	CALL

UNIVERSAL INDUSTRIES BUCKET ELEVATOR REPLACEMENT CUPS

BUCKET SIZE	Heavy Duty Polyethylene
3 3/4" x 3"	☼
6" x 4"	☼
7" x 4 1/2"	☼
9" x 5 1/2"	☼
11" x 5 1/2"	☼
11" x 7"	☼
20" x 5 1/2"	☼



**UNIQUE
UNIVERSAL
INDUSTRIES HOLE
PATTERN**

Above pricing includes punching. #1, #2, #3 and #4 venting are available at additional charge.

Add ☼ for low-profile cut buckets to cups up to 6" wide.

Low profile cut buckets that are 7" or wider add ☼

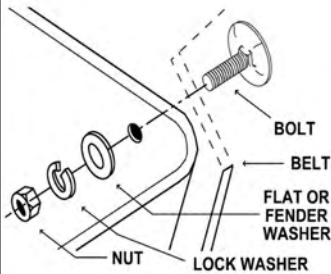
Call Premier for your steel and ductile iron bucket requirements.

ELEVATOR BOLTS

BOLT SIZE	CARBON Regular #1	CARBON Sabre Tooth	ZINC Regular	ZINC Sabre Tooth	STAINLESS Regular #1	STAINLESS Sabre Tooth
1/4" x 3/4"	Call	Call	Call	Call	Call	Call
1/4" x 1"	μ	☼	☼	☼	☼	☼
1/4" x 1-1/4"	☼	☼	☼	☼	☼	☼
1/4" x 1-1/2"	☼	☼	☼	☼	☼	☼
1/4" x 1-3/4"	☼	☼	☼	☼	☼	☼
1/4" x 2"	☼	☼	☼	☼	☼	☼
5/16" x 3/4"	Call	Call	Call	N/A	Call	Call
5/16" x 1"	☼	☼	☼	☼	☼	☼
5/16" x 1-1/4"	☼	☼	☼	☼	☼	☼
5/16" x 1-1/2"	☼	☼	☼	☼	☼	☼
5/16" x 1 3/4"	☼	☼	☼	☼	☼	☼
5/16" x 2"	☼	☼	☼	☼	☼	☼
3/8" x 1-1/4"	☼	☼	☼	☼	☼	☼
3/8" x 1-1/2"	☼	☼	☼	☼	☼	Call
3/8" x 1-3/4"	☼	☼	☼	☼	☼	Call
3/8" x 2"	☼	☼	☼	☼	☼	Call

NUTS

MATERIAL	NUT SIZE	Hex	Flange Serrated Lock	Large Flange Serrated Lock	Nylock Nut
ZINC PLATED	1/4 (20)	☼	☼	☼	☼
	5/16 (18)	☼	☼	☼	☼
	3/8 (16)	☼	☼	☼	☼
STAINLESS STEEL	1/4 (20)	☼	☼	N/A	☼
	5/16 (18)	☼	☼	N/A	☼
	3/8 (16)	☼	N/A	N/A	Call



WASHERS

MATERIAL	WASHER SIZE	FLAT	SPLIT RING LOCK	INTERNAL TOOTH LOCK	FENDER	LEATHER	1/4" NEOPRENE	1/4" POLY SPACER
ZINC PLATED	1/4	☼	☼	Call	☼	☼	☼	☼
	5/16	☼	☼	Call	☼	☼	☼	☼
	3/8	☼	☼	Call	☼	☼	☼	N/A
STAINLESS STEEL	1/4	☼	☼	N/A	☼	N/A	N/A	N/A
	5/16	☼	☼	N/A	☼	N/A	N/A	N/A
	3/8	☼	☼	N/A	☼	N/A	N/A	N/A



ABOVE PRICES ARE PER HUNDRED COUNT

NutCutter

\$☼ each

Replacement Teeth: \$☼

The NutCutter

- ★42" Industrial Grade Bolt Cutter
- ★Cuts bolts up to 5/16" mild steel
- ★Replaceable Heat-Treated Alloy Teeth
- ★Built to do one job and do it well
- ★American made since 1978
- ★The fastest way to remove a bucket is to cut the nuts off with a NutCutter.



"SDE" SINGLE DISC ELEVATOR PULLEY

Used primarily in the grain industry, SDE pulleys are known for their superior strength--being capable of reducing stress and deflection. Heavy duty construction and components include continuously welded disc to rim on both sides, high compression hub and bushings. SDE pulleys are standard crown faced and come in diameters from 16" to 42" with face widths of 8" thru 16".

"SPW" SPIRAL WING CONVEYOR PULLEY

Although similar to HDW pulleys, the spiral wing conveyor pulley's construction allows continuous pulley contact with the belt during rotation. This eliminates excessive noise and vibration without sacrificing the self-cleaning action of winged pulleys. SPW pulleys are formed by half oval bars helically wound towards one another, welded to all steel wings with intervals between them and are available with various hub and bushing systems.

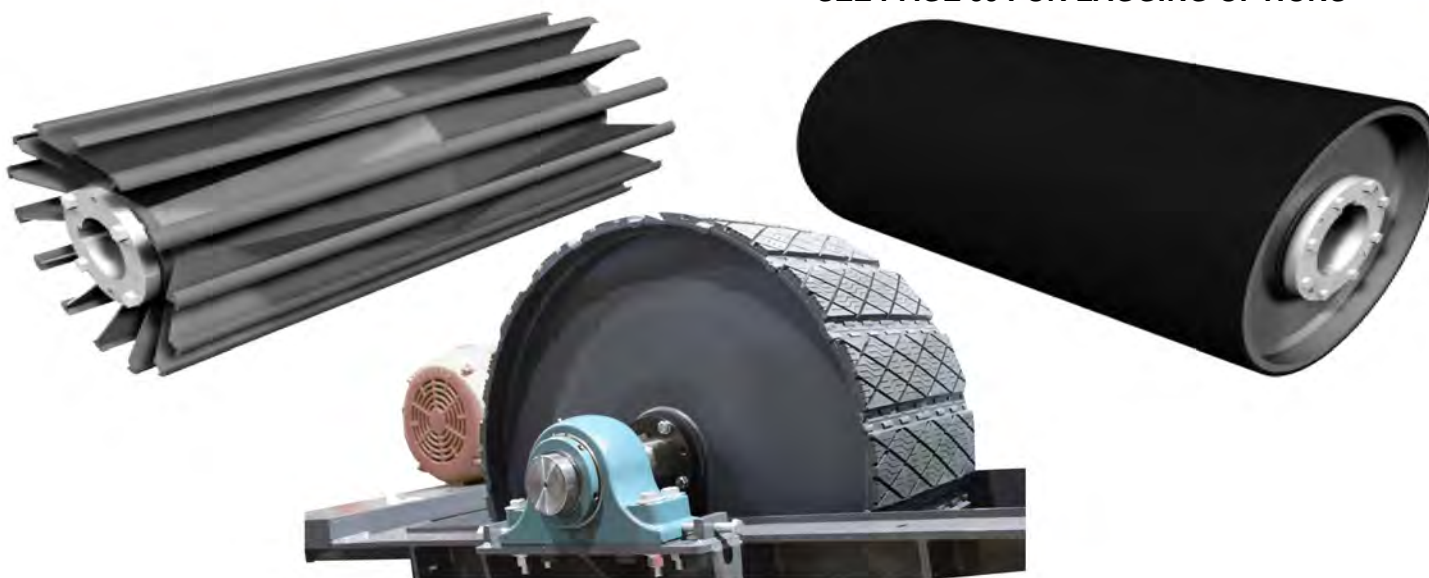
"HDW" HEAVY DUTY WING CONVEYOR PULLEY

Used where extended pulley and belt life are required, HDW pulleys are self-cleaning and constructed of heavy duty steel wings, gussets and tube between hubs. Their unique design expels excessive build up of material on the belting and thus enhances traction and reduces abrasion of both the belt and the pulley. HDW pulleys are an excellent alternative to conventional drum-style pulleys and come standard in diameters from 8" to 36" with face widths of 12" to 66" and various hub and bushing systems.

LAGGING FOR CONVEYOR PULLEYS

Premier Components offers a complete line of pulley lagging capabilities with quality, delivery and pricing second to none. Available in a wide variety of styles and thickness, lagging is primarily used to improve tractive capacity, resist abrasive conditions and extend pulley and belt life. Premier offers lagging in the following styles: bolt on, plain vulcanized, herringbone grooved vulcanized and rough top. Contact us for the best lagging for your particular operating conditions.

SEE PAGE 39 FOR LAGGING OPTIONS



PREMIER CAN SUPPLY BOTH DRUM AND WING PULLEYS IN ANY COMBINATION OF OUTSIDE DIAMETER x FACE WIDTH x BORE DIAMETER WITH ANY TYPE OF LAGGING AVAILABLE. CALL PREMIER COMPONENTS FOR ALL YOUR BELT CONVEYOR IDLER NEEDS. WE WILL BE GLAD TO ASSIST YOU WITH COSTS OF ALL AVAILABLE OPTIONS.

TROUGHING BELT IDLERS



RETURN IDLERS



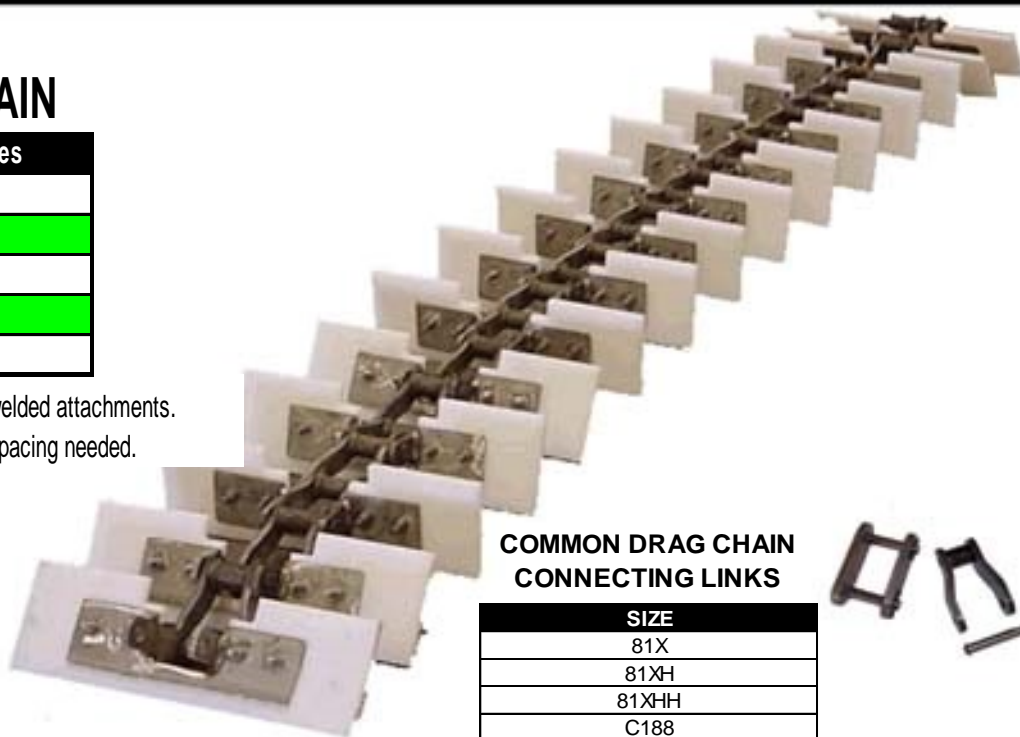
TROUGHING BELT TRAINING IDLERS



DRAG CHAIN

Available Sizes	
81X	
81XH	
81XHH	
C188	
WH124	

Drag Chains are available with welded attachments.
Please call with style and spacing needed.



COMMON DRAG CHAIN CONNECTING LINKS

SIZE
81X
81XH
81XHH
C188
WH124



SPROCKETS for 81X & C188 (2.609 pitch)

TOOTH, PITCH DIAMETER & BORE	Hardened Steel	Hardened Steel Split
7 tooth x 6.01" x 1 15/16"	Call	Call
11 tooth x 9.26" x 2 3/16"	Call	Call
13 tooth x 10.9" x 2 7/16"	Call	Call
15 tooth x 12.55" x 3 7/16"	Call	Call
19 tooth x 15.85" x 3 15/16"	Call	Call
22 tooth x 18.33" x 4 7/16"	Call	Call

SPROCKETS For WH124 (4" pitch)

TOOTH, PITCH DIAMETER & BORE	Hardened Steel	Hardened Steel Split
7 tooth x 6.01" x 1 15/16"	Call	Call
11 tooth x 9.26" x 2 3/16"	Call	Call
13 tooth x 10.9" x 2 7/16"	Call	Call
15 tooth x 12.55" x 3 7/16"	Call	Call
19 tooth x 15.85" x 3 15/16"	Call	Call
22 tooth x 18.33" x 4 7/16"	Call	Call

FLAT BOTTOM DRAG FLIGHTS

1/2" THICK x 1 7/8" TALL



STANDARD SIZES (CUSTOM AVAILABLE UPON REQUEST)

9" Wide	17" Wide
13" Wide	21" Wide
15" Wide	24" Wide



CALL FOR PRICING ON ROUND BOTTOM DRAG FLIGHTS

We specialize in Super-Flo round bottom drag flights.

DRAG RETURN ROLLERS/SPROCKETS



Complete Assembly w/ shaft,
roller & hardware available.
Contact Premier for assembly
pricing with return sprockets.

SIZE	Price
9"	Call
13"	Call
15"	Call
17"	Call
21"	Call
24"	Call

UHMW DRAG RETURN ROLLERS/SPROCKETS



SIZE	Price
1-3/4" x 2-7/8" Roller	Call
4 Tooth Sprocket 3/4" Bore	Call
5 Tooth Sprocket 3/4" Bore	Call
6 Tooth Sprocket 1" Bore	Call

Please verify bore size on
Return sprockets

Premier Components can supply drag conveyor chain, flights and return rollers
for all manufacturers equipment. Contact Premier for prices of unlisted sizes.

The Bolt 'N' Go™ Advantage

- ✓ Bolt 'N' Go is Stronger vs. Welded Steel Chain
 - Heavy Duty Drop Forged Chain Links
- ✓ Bolt 'N' Go is Lighter vs. Welded Steel Chain
 - Chromium/Manganese/Titanium Alloy Steel
- ✓ Bolt 'N' Go Lasts Longer vs. Welded Steel Chain
 - Heat Treated to 62 HRC
- ✓ Bolt 'N' Go is Easier to Maintain vs. Welded Steel Chain
 - Replace Flights without Adjusting Chain Tension

**Upgrade Your Drag Conveyor
to Reduce Downtime and
Maintenance Costs!**



Bolt 'N' Go Assembly

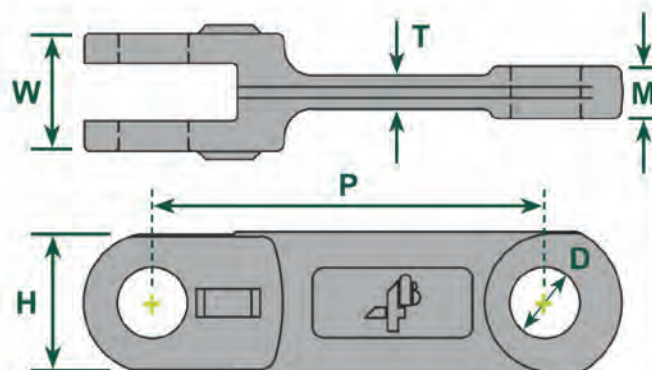
1. Connect Links with the Hollow Pin
2. Attach the Nylon Flights
3. Insert Bolt, Washers and Lock Nut
4. Tighten the Completed Assembly

FDA Approved
Nylon Flight

U.S. Patent No. 7,080,728
Canadian Patent No. 2,548,660
Mexican Patent No. 272,056

Chain	102-NA	142-NA	142-HA
Working Load	8,080 lbs	13,500 lbs	20,200 lbs
Average Weight (Per Ft)	3.60 lbs	6.45 lbs	10.30 lbs
Wear Resistance	Rockwell C57 - C62	Rockwell C57 - C62	Rockwell C57 - C62
Shock Resistance	Yes	Yes	Yes
Conveyor Width (Maximum)	16 in	30 in	30 in
CHAIN LINK DIMENSIONS			
P	4.02 in / 102 mm	5.59 in / 142 mm	5.59 in / 142 mm
H	1.42 in / 36 mm	1.97 in / 50 mm	1.97 in / 50 mm
T	0.28 in / 7 mm	0.47 in / 12 mm	0.65 in / 16.5 mm
W	1.10 in / 28 mm	1.65 in / 42 mm	2.44 in / 62 mm
M	0.47 in / 12 mm	0.74 in / 18.7 mm	1.12 in / 28.5 mm
D	0.55 in / 14 mm	0.98 in / 25 mm	0.98 in / 25 mm

NOTE - STAINLESS STEEL LINKS & OTHER LINK SIZES AVAILABLE



Reduce Downtime & Maintenance Costs

Bolt on Flight Replacement (No Welding)
Forged and Hardened Chain Links

Quick and Easy Chain
Assembly



U-Trough

Conveyor Diameter	Trough Thickness	Price	
		5' Length	10' Length
6"	14 Ga	★	★
	10 Ga	★	★
	3/16"	★	★
9"	14 Ga	★	★
	12 Ga	★	★
	10 Ga	★	★
	3/16"	★	★
	1/4"	★	★
10"	14 Ga	★	★
	12 Ga	★	★
	10 Ga	★	★
	3/16"	★	★
	1/4"	★	★
Conveyor Diameter	Trough Thickness	Price	
		6' Length	12' Length
12"	12 Ga	★	★
	10 Ga	★	★
	3/16"	★	★
	1/4"	★	★
14"	12 Ga	★	★
	10 Ga	★	★
	3/16"	★	★
	1/4"	★	★
16"	12 Ga	★	★
	10 Ga	★	★
	3/16"	★	★
	1/4"	★	★
18"	10 Ga	★	★
	3/16"	★	★
	1/4"	★	★
20"	10 ga	★	★
	3/16"	★	★
	1/4"	★	★
24"	10 ga	★	★
	3/16"	★	★
	1/4"	★	★

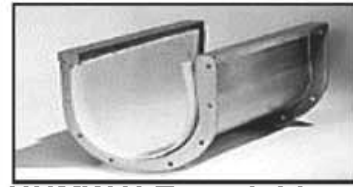
Contact Premier for many other style troughs available.

Trough Cover

Size	Price	
	5' Length	10' Length
6" x 14ga.	★	★
9" x 14ga.	★	★
10" x 14ga.	★	★
Size	6' Length	12' Length
12" x 14ga.	★	★
14" x 14ga.	★	★
16" x 14ga.	★	★
18" x 12ga.	★	★
20" x 12ga.	★	★
24" x 12ga.	★	★



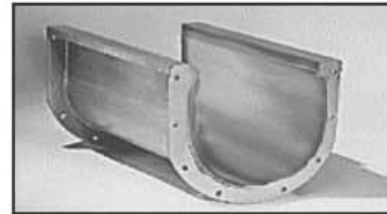
Specify Plain, Semi-Flanged or Flanged.
Hip-Roof Covers are also available.



UHMW U-Trough Liners

Conveyor Diameter	Price Per 4' Section			
	B	3/16"	1/4"	3/8"
6"	4"	★	★	N/A
9"	3"	★	★	★
10"	4"	★	★	★
12"	5"	★	★	★
14"	3 1/4"	★	★	★
16"	6 1/2"	★	★	★
18"	5"	★	★	★
20"	3 1/2"	★	★	★
24"	4 1/2"	★	★	★

Preformed UHMW Polyethylene - Pre-drilled with 45° Male/Female beveled ends



10ga. Steel U-Trough Liners

Conveyor Diameter	Price Per 5' Section			
	Weld-in Style		*Bolt-in Style	
	AR Steel	Mild Steel	AR Steel	Mild Steel
6"	★	★	★	★
9"	★	★	★	★
10"	★	★	★	★
12"	★	★	★	★
14"	★	★	★	★
16"	★	★	★	★
18"	★	★	★	★
20"	★	★	★	★
24"	★	★	★	★

* Bolt-in Liners wrap up 1" past centerline and have 3 countersunk holes for bolting to existing u-trough.

Spring Clamp

Price Each
★



Screw Clamp

Price Each
Zinc ★



Heavy Duty Toggle Clamp

Price Each
Loose ★





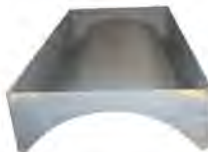
U-TROUGH INLETS

DIA.	Fixed		Detachable	
	Loose	Fitted	Loose	Fitted
6"	✱	✱	✱	✱
9"	✱	✱	✱	✱
10"	✱	✱	✱	✱
12"	✱	✱	✱	✱
14"	✱	✱	✱	✱
16"	✱	✱	✱	✱
18"	✱	✱	✱	✱
20"	✱	✱	✱	✱
24"	✱	✱	✱	✱



SCREW CONVEYOR SLIDE GATES

SCREW SIZE	OUTLET SIZE	PREMIUM SCREW CONVEYOR GATE
4"	5"	CALL
6"	7"	✱
9"	10"	✱
10"	11¼"	✱
12"	13¼"	✱
14"	15¼"	✱
16"	17¼"	✱
18"	19¼"	✱
20"	21¼"	✱
24"	25¼"	✱



U-TROUGH SHROUDS

SIZE	STANDARD LENGTH	MATERIAL THICKNESS				
		14ga	12ga.	10ga.	3/16"	1/4"
4"	8"	Call	Call	n/a	n/a	n/a
6"	12"	Call	✱	✱	Call	n/a
9"	18"	✱	✱	✱	Call	Call
10"	20"	Call	✱	✱	Call	Call
12"	24"	n/a	✱	✱	✱	Call
14"	28"	n/a	✱	✱	✱	Call
16"	32"	n/a	✱	✱	✱	Call
18"	36"	n/a	Call	✱	Call	Call
20"	40"	n/a	n/a	✱	Call	Call
24"	48"	n/a	n/a	✱	Call	Call

DISCHARGE SPOUTS



DIA.	Thickness	Standard Less Slide		Standard With Slide	
		Loose	Fitted	Loose	Fitted
6"	14ga.	✱	✱	✱	✱
	12ga.	✱	✱	✱	✱
	10ga.	✱	✱	✱	✱
	3/16"	✱	✱	✱	✱
9"	14ga.	✱	✱	✱	✱
	12ga.	✱	✱	✱	✱
	10ga.	✱	✱	✱	✱
	3/16"	✱	✱	✱	✱
	1/4"	✱	✱	✱	✱
10"	14ga.	✱	✱	✱	✱
	12ga.	✱	✱	✱	✱
	10ga.	✱	✱	✱	✱
	3/16"	✱	✱	✱	✱
	1/4"	✱	✱	✱	✱
12"	12ga.	✱	✱	✱	✱
	10ga.	✱	✱	✱	✱
	3/16"	✱	✱	✱	✱
	1/4"	✱	✱	✱	✱
14"	12ga.	✱	✱	✱	✱
	10ga.	✱	✱	✱	✱
	3/16"	✱	✱	✱	✱
	1/4"	✱	✱	✱	✱
16"	12ga.	✱	✱	✱	✱
	10ga.	✱	✱	✱	✱
	3/16"	✱	✱	✱	✱
	1/4"	✱	✱	✱	✱
18"	12ga.	✱	✱	✱	✱
	10ga.	✱	✱	✱	✱
	3/16"	✱	✱	✱	✱
	1/4"	✱	✱	✱	✱
20"	12ga.	✱	✱	✱	✱
	10ga.	✱	✱	✱	✱
	3/16"	✱	✱	✱	✱
	1/4"	✱	✱	✱	✱
24"	12ga.	✱	✱	✱	✱
	10ga.	✱	✱	✱	✱
	3/16"	✱	✱	✱	✱
	1/4"	✱	✱	✱	✱

HELICOID CONVEYOR SCREWS



Conveyor Dia.	Pipe I.D.	Pipe O.D.	Coupling Dia.	Part No. *	Flight Thickness	Length	Price
6"	2"	2-3/8"	1-1/2"	6H304	1/8" x 1/16"	9' 10"	★
				6H308	1/4" x 1/8"	9' 10"	★
				6H312	3/8" x 3/16"	9' 10"	★
9"	2"	2-3/8"	1-1/2"	9H306	3/16" x 3/32"	9' 10"	★
				9H312	3/8" x 3/16"	9' 10"	★
9"	2-1/2"	2-7/8"	2"	9H406	3/16" x 3/32"	9' 10"	★
				9H412	3/8" x 3/16"	9' 10"	★
				9H414	7/16" x 7/32"	9' 10"	★
10"	2"	2-3/8"	1-1/2"	10H306	3/16" x 3/32"	9' 10"	★
	2-1/2"	2-7/8"	2"	10H412	3/8" x 3/16"	9' 10"	★
12"	2-1/2"	2-7/8"	2"	12H408	1/4" x 1/8"	11' 10"	★
				12H412	3/8" x 3/16"	11' 10"	★
12"	3"	3-1/2"	2-7/16"	12H508	1/4" x 1/8"	11' 9"	★
				12H512	3/8" x 3/16"	11' 9"	★
12"	3-1/2"	4"	3"	12H614	7/16" x 7/32"	11' 9"	★
14"	3"	3-1/2"	2-7/16"	14H508	1/4" x 1/8"	11' 9"	★
14"	3-1/2"	4"	3"	14H614	7/16" x 7/32"	11' 9"	★
16"	3-1/2"	4"	3"	16H610	5/16" x 5/32"	11' 9"	★
	4"	4-1/2"	3"	16H614	7/16" x 7/32"	11' 9"	★
18"	3-1/2"	4"	3"	18H610	5/16" x 5/32"	11' 9"	★

HELICOID CONVEYOR FLIGHTS



Conveyor Dia.	Pipe I.D.	Pipe O.D.	Coupling Dia.	Part No. *	Flight Thickness	Length	Price
6"	2"	2-3/8"	1-1/2"	6HF304	1/8" x 1/16"	9' 10"	★
				6HF308	1/4" x 1/8"	9' 10"	★
				6HF312	3/8" x 3/16"	9' 10"	★
9"	2"	2-3/8"	1-1/2"	9HF306	3/16" x 3/32"	9' 10"	★
				9HF312	3/8" x 3/16"	9' 10"	★
9"	2-1/2"	2-7/8"	2"	9HF406	3/16" x 3/32"	9' 10"	★
				9HF412	3/8" x 3/16"	9' 10"	★
				9HF414	7/16" x 7/32"	9' 10"	★
10"	2"	2-3/8"	1-1/2"	10HF306	3/16" x 3/32"	9' 10"	★
	2-1/2"	2-7/8"	2"	10HF412	3/8" x 3/16"	9' 10"	★
12"	2-1/2"	2-7/8"	2"	12HF408	1/4" x 1/8"	11' 10"	★
				12HF412	3/8" x 3/16"	11' 10"	★
12"	3"	3-1/2"	2-7/16"	12HF508	1/4" x 1/8"	11' 9"	★
				12HF512	3/8" x 3/16"	11' 9"	★
12"	3-1/2"	4"	3"	12HF614	7/16" x 7/32"	11' 9"	★
14"	3"	3-1/2"	2-7/16"	14HF508	1/4" x 1/8"	11' 9"	★
14"	3-1/2"	4"	3"	14HF614	7/16" x 7/32"	11' 9"	★
16"	3-1/2"	4"	3"	16HF610	5/16" x 5/32"	11' 9"	★
	4"	4-1/2"	3"	16HF614	7/16" x 7/32"	11' 9"	★
18"	3-1/2"	4"	3"	18HF610	5/16" x 5/32"	11' 9"	★

Contact a Premier representative for any sizes and lengths not listed.

* Specify RH (right hand) or LH (left hand) when ordering, i.e. 6H304RH.

Contact Premier for Stainless steel, plastic, AR Steel or other specialty screw requirements.

Sectional Conveyor Screws



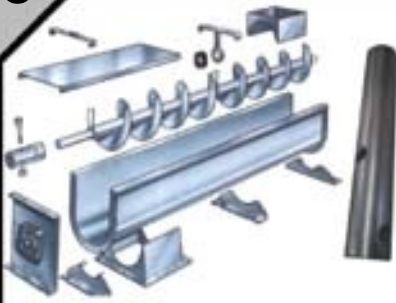
Sectional Conveyor Flights



Screw Dia.	Pipe I.D.	Pipe O.D.	Coupling Dia.	Part No.	Standard Length Sections		
					Mounted Conveyor		Standard Length
					Thickness	Price	
6"	2"	2-3/8"	1-1/2"	6S307	12ga.	Call	9' 10"
				6S309	10ga.	☼	
				6S312	3/16"	☼	
				6S316	1/4"	☼	
9"	2"	2-3/8"	1-1/2"	9S307	12ga.	Call	
				9S309	10ga.	☼	
				9S312	3/16"	☼	
				9S316	1/4"	☼	
				9S324	3/8"	☼	
	2-1/2"	2-7/8"	2"	9S407	12ga.	Call	
				9S409	10ga.	☼	
				9S412	3/16"	☼	
10"	2"	2-3/8"	1-1/2"	9S416	1/4"	☼	
				9S424	3/8"	☼	
				10S309	10ga.	☼	
				10S312	3/16"	☼	
				10S316	1/4"	☼	
	2-1/2"	2-7/8"	2"	10S324	3/8"	☼	
				10S409	10ga.	☼	
				10S412	3/16"	☼	
12"	2-1/2"	2-7/8"	2"	10S416	1/4"	☼	
				10S424	3/8"	☼	
				12S409	10ga.	Call	
				12S412	3/16"	☼	
				12S416	1/4"	☼	
	3"	3-1/2"	2-7/16"	12S424	3/8"	☼	
				12S509	10ga.	Call	
				12S512	3/16"	☼	
14"	3-1/2"	4"	3"	12S516	1/4"	☼	
				12S524	3/8"	☼	
				12S612	3/16"	☼	
				12S616	1/4"	☼	
				12S624	3/8"	☼	
	3"	3-1/2"	2-7/16"	12S624	3/8"	☼	
				14S509	10ga.	Call	
				14S512	3/16"	☼	
16"	3-1/2"	4"	3"	14S516	1/4"	☼	
				14S524	3/8"	☼	
				14S612	3/16"	☼	
				14S616	1/4"	☼	
				14S624	3/8"	☼	
	4"	4-1/2"	3-7/16"	16S609	10ga.	Call	
				16S612	3/16"	☼	
				16S616	1/4"	☼	
18"	3-1/2"	4"	3"	16S624	3/8"	☼	
				16S632	1/2"	☼	
				18S612	3/16"	☼	
				18S616	1/4"	☼	
				18S624	3/8"	☼	
	4"	4-1/2"	3-7/16"	18S632	1/2"	☼	
				18S712	3/16"	☼	
				18S716	1/4"	☼	
20"	3-1/2"	4"	3"	18S724	3/8"	☼	
				18S732	1/2"	☼	
				20S612	3/16"	☼	
				20S616	1/4"	☼	
				20S624	3/8"	☼	
	4"	4-1/2"	3-7/16"	20S632	1/2"	☼	
				20S712	3/16"	☼	
				20S716	1/4"	☼	
24"	4"	4-1/2"	3-7/16"	20S724	3/8"	☼	
				20S732	1/2"	☼	
				24S712	3/16"	☼	
				24S716	1/4"	☼	
				24S724	3/8"	☼	
	4"	4-1/2"	3-7/16"	24S732	1/2"	☼	
				24S712	3/16"	☼	
				24S716	1/4"	☼	

Screw Dia.	Pipe I.D.	Pipe O.D.	Coupling Dia.	Part No.	Standard Length Sections		Standard Length
					Dia. = Standard Length Thickness	Price	
6"	2"	2-3/8"	1-1/2"	6SF307	12ga.	Call	6"
				6SF309	10ga.	Call	
				6SF312	3/16"	☼	
				6SF316	1/4"	☼	
9"	2"	2-3/8"	1-1/2"	9SF307	12ga.	Call	9"
				9SF309	10ga.	Call	
				9SF312	3/16"	☼	
				9SF316	1/4"	☼	
	2-1/2"	2-7/8"	2"	9SF324	3/8"	☼	
				9SF407	12ga.	Call	
				9SF409	10ga.	Call	
				9SF412	3/16"	☼	
10"	2"	2-3/8"	1-1/2"	9SF416	1/4"	☼	10"
				9SF424	3/8"	☼	
				10SF309	10ga.	Call	
				10SF312	3/16"	☼	
	2-1/2"	2-7/8"	2"	10SF316	1/4"	☼	
				10SF324	3/8"	☼	
				10SF409	10ga.	Call	
				10SF412	3/16"	☼	
12"	2-1/2"	2-7/8"	2"	10SF416	1/4"	☼	12"
				10SF424	3/8"	☼	
				12SF409	10ga.	Call	
				12SF412	3/16"	☼	
	3"	3-1/2"	2-7/16"	12SF416	1/4"	☼	
				12SF424	3/8"	☼	
				12SF509	10ga.	Call	
				12SF512	3/16"	☼	
14"	3-1/2"	4"	3"	12SF516	1/4"	☼	14"
				12SF524	3/8"	☼	
				12SF612	3/16"	☼	
				12SF616	1/4"	☼	
	3"	3-1/2"	2-7/16"	12SF624	3/8"	☼	
				14SF509	10ga.	Call	
				14SF512	3/16"	☼	
				14SF516	1/4"	☼	
16"	3-1/2"	4"	3"	14SF524	3/8"	☼	16"
				14SF612	3/16"	☼	
				14SF616	1/4"	☼	
				14SF624	3/8"	☼	
	3-1/2"	4"	3"	16SF609	10ga.	Call	
				16SF612	3/16"	☼	
				16SF616	1/4"	☼	
				16SF624	3/8"	☼	
18"	3-1/2"	4"	3"	16SF632	1/2"	☼	18"
				18SF612	3/16"	☼	
				18SF616	1/4"	☼	
				18SF624	3/8"	☼	
	4"	4-1/2"	3-7/16"	18SF632	1/2"	☼	
				18SF712	3/16"	☼	
				18SF716	1/4"	☼	
				18SF724	3/8"	☼	
20"	3-1/2"	4"	3"	18SF732	1/2"	☼	20"
				20SF612	3/16"	☼	
				20SF616	1/4"	☼	
				20SF624	3/8"	☼	
	4"	4-1/2"	3-7/16"	20SF632	1/2"	☼	
				20SF712	3/16"	☼	
				20SF716	1/4"	☼	
				20SF724	3/8"	☼	
24"	4"	4-1/2"	3-7/16"	20SF732	1/2"	☼	24"
				24SF712	3/16"	☼	
				24SF716	1/4"	☼	
				24SF724	3/8"	☼	

* Specify RH (right hand) or LH (left hand) when ordering, i.e. 6S304RH.
 Contact Premier for sizes and lengths not listed as well as variable pitch screws and flights.
 Contact Premier for stainless steel, plastic, AR steel or other specialty screw requirements



END SHAFTS

Shaft Diameter	C.R. Steel Price
1"	✱
1-1/2"	✱
2"	✱
2-7/16"	✱
3"	✱
3-7/16"	✱

DRIVE SHAFTS

Shaft Diameter	C.R. Steel Price
1"	✱
1-1/2"	✱
2"	✱
2-7/16"	✱
3"	✱
3-7/16"	✱

CLOSED COUPLING

Shaft Diameter	C.R. Steel Price
1"	✱
1-1/2"	✱
2"	✱
2-7/16"	✱
3"	✱
3-7/16"	✱

HANGER STYLE COUPLING SHAFTS

Shaft Diameter	C.R. Steel Price	Hardened Steel Price
1"	✱	✱
1-1/2"	✱	✱
2"	✱	✱
2-7/16"	✱	✱
3"	✱	✱
3-7/16"	✱	✱

COUPLING BOLTS W/ LOCKNUTS

Shaft Diameter	Size	Price
1"	3/8" x 2-1/16"	✱
1-1/2"	1/2" x 3"	✱
2"	5/8" x 3-5/8"	✱
2-7/16"	5/8" x 4-3/8"	✱
3"	3/4" x 5"	✱
3-7/16"	7/8" x 5-1/2"	✱

INTERNAL COLLARS

Coupling Diameter	Inside Pipe Diameter	Price Each
1"	1-1/4"	✱
1-1/2"	2"	✱
2"	2-1/2"	✱
2-7/16"	3"	✱
3"	3-1/2"	✱
3"	4"	✱
3-7/16"	4"	✱



TROUGH ENDS *

Conv. Dia.	Shaft Dia.	Plate Only Price
6"	1-1/2"	✱
9"	1-1/2"	✱
	2"	✱
10"	1-1/2"	✱
	2"	✱
12"	2"	✱
	2-7/16"	✱
	3"	✱
14"	2-7/16"	✱
	3"	✱
16"	3"	✱
18"	3"	✱
	3-7/16"	✱
20"	3"	✱
	3-7/16"	✱
24"	3-7/16"	✱

Specify desired punch pattern for trough ends:

- * Punched for shaft hole only
- * Punched for std ball or BBT flange brg.
- * Punched for std roller flange bearing



WASTE PACKING SEALS

Shaft Dia.	Price with Lip Seal	Price LESS Lip Seal
1-1/2"	✱	✱
2"	✱	✱
2-7/16"	✱	✱
3"	✱	✱
3-7/16"	✱	✱

Specify type of bearings--standard lip seals are drilled for ball bearings.



PLATE SEALS

Shaft Dia.	Price with Lip Seal
1-1/2"	✱
2"	✱
2-7/16"	✱
3"	✱
3-7/16"	✱



BALL BEARING FLANGE UNIT

	Bore	Price
SC	1-1/2"	✱
SCM	2"	✱
SC	2-7/16"	✱
SCM	3"	✱
SCM	3-7/16"	✱



ROLLER BEARING FLANGE UNIT

	Bore	Price
	1-1/2"	✱
	2"	✱
	2-7/16"	✱
	3"	✱
	3-7/16"	✱

SADDLES AND FLANGE FEET

SHAFT DIA.	SADDLES		FLANGE FEET
	LOOSE	FITTED	
4	✱	✱	✱
6	✱	✱	✱
9	✱	✱	✱
10	✱	✱	✱
12	✱	✱	✱
14	✱	✱	✱
16	✱	✱	✱
18	✱	✱	✱
20	✱	✱	✱
24	✱	✱	✱



SCREW HANGERS (LESS BEARINGS)

Oil pipes and grease fittings are required for Wearite, Ball and Bronze Bearings, but can be supplied in others upon request.

DIA	Coupling Size	HANGER STYLE					
		216	220	226	230	60*	70*
4"	1"	✱	✱	✱	✱	*	*
6"	1-1/2"	✱	✱	✱	✱	*	*
9"	1-1/2"	✱	✱	✱	✱	*	*
	2"	✱	✱	✱	✱	*	*
10"	1-1/2"	✱	✱	✱	✱	*	*
	2"	✱	✱	✱	✱	*	*
12"	2"	✱	✱	✱	✱	*	*
	2-7/16"	✱	✱	✱	✱	*	*
	3"	✱	✱	✱	✱	*	*
14"	2-7/16"	✱	✱	✱	✱	*	*
	3"	✱	✱	✱	✱	*	*
16"	3"	✱	✱	✱	✱	*	*
18"	3"	✱	✱	✱	✱	*	*
	3-7/16"	✱	✱	✱	✱	*	*
20"	3"	✱	✱	✱	✱	*	*
	3-7/16"	✱	✱	✱	✱	*	*
24"	3-7/16"	✱	✱	✱	✱	*	*



* STYLE 60 & 70 HANGERS MUST INCLUDE OIL PIPE FOR USE WITH BALL BEARINGS. PRICING AVAILABLE UPON REQUEST.

DIAMETER	4"-6"	9"-10"	12"	14"-16"	18"-24"
PRICE	✱	✱	✱	✱	✱

SCREW HANGER BEARINGS

STYLE 216 & 230



STYLE 220 & 226



STYLE 60 & 70



Bore	Hanger Style	Price					
		Hard Iron	Wearite	Wood	UHMW	Bronze	Nylon
1"	216 230	☎		✱		☎	
1-1/2"		✱		✱		☎	
2"		✱		✱		☎	
2-7/16"		✱		✱		☎	
3"		✱		✱		☎	
3-7/16"		✱		✱		☎	
1"	220 226	☎		✱	✱	☎	☎
1-1/2"		✱	✱	✱	✱	☎	✱
2"		✱	✱	✱	✱	☎	✱
2-7/16"		✱	✱	✱	✱	☎	✱
3"		✱	✱	✱	✱	☎	✱
3-7/16"		✱	✱	✱	✱	☎	✱
1"	60 70	☎					
1-1/2"		☎					
2"		✱					
2-7/16"		☎					
3"		☎					



BMRX POWER PACS

MODEL	VOLTAGE	DESCRIPTION	PRICE
BMRX-115	115 VAC	BinMaster Rotary Level Indicator, Triple Thread Screw Off Cover, Dual Conduit Entries, DPDT Relay Contacts, Selectable Fail-Safe Protection, USDA Approved Powder Coated Finis, Hazardous Location Approved, C/US listed for Class I, Groups C & D and Class II, Groups E, F & G.	✱
BMRX-230	230 VAC		✱
BMRX-24AC	24 VAC		✱
BMRX-24DC	24 VDC		✱
BMRX-12DC	12 VDC		✱

MAXIMA+ FAIL-SAFE POWER PACS

MODEL	VOLTAGE	DESCRIPTION	PRICE
MAXIMA+ AC	24/115/230 VAC	Hazardous Location Approved, C/US listed for Class II Groups E, F, G. Visual L.E.D. status light monitoring paddle rotation, paddle covered, fault conditions, complete with D.P.D.T. Relay Contacts, Fail-Safe protection, and S.P.D. T. Normal and Fault Relay contact, USDA Approved Powder Coated Finish	✱
MAXIMA+ 24 DC	24 VDC		✱
MAXIMA+ 12 DC	12 VDC		✱

Unlisted (non explosion proof) power pacs are available upon request.

MAXIMA+ SOLID STATE STATUS RELAY OPTIONS

To Order Maxima+ Solid State Relay Option select the Maxima+ Power Pac part number and add the options Order Code at the end of the part number. Example A 730-0528-SSR-1 would be a Maxima+ with 1 A 250 VAC Solid State Relay.

ORDER CODE	DESCRIPTION	PRICE
SSR-1	1A 250 VAC Solid State Relay Option for Pulse Mode Operation	✱

SHAFT COUPLERS

MODEL	DESCRIPTION	PRICE
GRSS-1	Solid Shaft -316 Stainless Steel Side Mount Coupler	✱
GRFC-1	Flexible -316 Stainless Steel Top Mount Coupler	✱
BSA	Indicator Shaft Adapter - 316 Stainless Steel	✱
GRFS-1	Molded Neoprene Flexible Shaft - 316 Stainless Steel Top or Side Mount Coupler	✱

SIDE MOUNTING PLATES

MODEL	DESCRIPTION	PRICE
GRMP-1	0° Mild Carbon Steel Half Coupling w/ fiber gasket	✱
GRMP-3	0° 316 Stainless Steel Half Coupling w/ fiber gasket	✱

TOP MOUNTING PLATES

MODEL	DESCRIPTION	PRICE
GRMP-2	0° Mild Carbon Steel Full Coupling w/ fiber gasket	✱
GRMP-4	0° 316 Stainless Steel Full Coupling w/ fiber gasket	✱
GRMP-9	10° Mild Carbon Steel Full Coupling Powder Coated w/ fiber gasket	✱
GRMP-13	30° Mild Carbon Steel Full Coupling Powder Coated w/ fiber gasket	✱

PADDLES

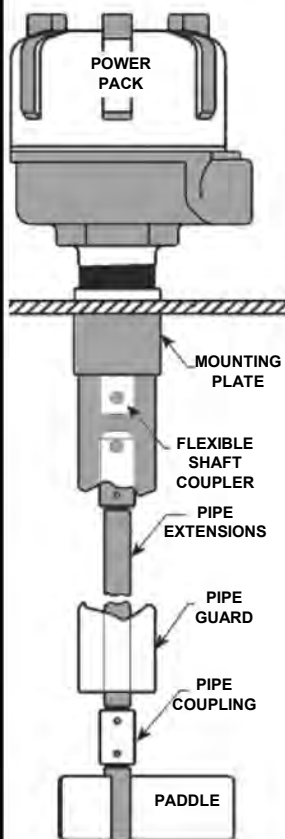
MODEL	DESCRIPTION	PRICE
GRP-11	High Strength Nylon Paddle for materials up to 30 lbs./ft ³ , triple bladed paddle turns in a Ø7", blades are 2" wide	✱
GRP-12	High Strength Nylon Paddle for materials 30 to 70 lbs./ft ³ , triple bladed paddle turns in a Ø5"	✱
GRP-1	For light materials up to 30 lbs./ft ³ , triple bladed 316 Stainless steel Paddle turns in a Ø7", paddle blades are 2" wide	✱
GRP-2	For medium materials from 30 to 70 lbs./ft ³ , 3 bladed 316 Stainless Steel Paddle turns in a Ø5", paddle blades are 1½" wide	✱
GRP-3	For heavy materials +70 lbs./ft ³ , 1blade 316 SS Paddle 2½" long & turns in a Ø5", insertable paddle blade is 1"x1/8"	✱
GRP-22	For heavy materials +70 lbs./ft ³ , 3 bladed 316 SS Paddle turns in a Ø5", paddle blades are 1"x1/8"	✱
GRP-23	For medium and heavy materials, 1bayonet blade, 316 SS Paddle, insertable paddle blade is 1"x1/8"	✱
GRP-24	12" Belt Paddle for use in heavy materials with large particle size	✱
GRP-25	For very light materials, 3 bladed 316 SS Paddle turns in a Ø5", paddle blades are 5"x1/16"	✱
GRP-26	Direct connect (eliminates need for GRSS-1Coupler) version of GRP-1	✱
GRP-27	Direct connect (eliminates need for GRSS-1Coupler) version of GRP-23	✱
GRP-28	For extremely light materials, 3 bladed 316 SS paddles turn in a Ø7", paddle blades are 5"x1/16"	✱
GRP-29	Direct connect (eliminates need for GRSS-1Coupler) version of GRP-25	✱
GRP-30	Direct connect (eliminates need for GRSS-1Coupler) version of GRP-2	✱
GRP-31	Single blade SS Paddle 3-1/4" long and turns in Ø6.5", paddle blade is 1/8" x 163"	✱
GRP-34	Direct connect 1½" wide single blade paddle folds through a 1¼" or 1½" process connection, Ø7.5"	✱
GRP-35	Direct connect 1½" wide double blade paddles fold through a 1¼" or 1½" process connection, Ø7.5"	✱

¼" Galvanized Shaft Extensions	
LENGTH	PRICE
6"	✱
12"	✱
18"	✱
24"	✱
30"	✱
36"	✱
48"	✱
60"	✱
63"	✱
72"	✱
84"	✱

¼" 316 Stainless Steel Shaft Extensions	
LENGTH	PRICE
6"	✱
12"	✱
18"	✱
24"	✱
30"	✱
36"	✱
48"	✱
60"	✱
72"	✱
84"	✱

1¼" Galvanized Shaft Guard	
LENGTH	PRICE
18"	✱
24"	✱
30"	✱
36"	✱
48"	✱
60"	✱
63"	✱
72"	✱
84"	✱

1¼" 316 Stainless Steel Shaft Guard	
LENGTH	PRICE
18"	✱
24"	✱
30"	✱
36"	✱
48"	✱
60"	✱
63"	✱
72"	✱
84"	✱





Are you in need of a simple, low cost point level control with lasting reliability? The BM 45 & BM 65 series diaphragms are designed for nonhazardous free flowing dry materials in high or low level applications. Their simple yet reliable operating mechanism requires minimal maintenance.

- Simple yet rugged construction
- Low cost
- Applicable for high, intermediate, or low level applications
- Internal or external mounting options

Housing: Rugged Die-cast Aluminum
Diaphragm: Neoprene (Standard or Heavy Duty Models)
 Silicone (Heavy Duty)
Switch: Snap-action, 15 Amp, 125 or 250 VAC
Mounting Plate: 16 Gauge Galvanized Steel
Dimensions: 6 5/8" Wide, 7" High, 2 5/8" Deep
Shipping Weight 1 1/2 Pounds

NOTE:

The Heavy Duty versions have a thicker diaphragm and the snap-action switch is less sensitive. These units are designed for heavier materials and low level installation.

The silicone diaphragm versions are designed to remain more resilient and sensitive in extreme temperature conditions.



BM 45 F



BM 45 R

GENERAL PURPOSE NON-HAZARDOUS APPLICATIONS

MODEL	DESCRIPTION	PRICE
BM 45 R	Standard 1/64" Neoprene Diaphragm - Internally Mounted	★
BM 45 F	Standard 1/64" Neoprene Diaphragm - Externally Mounted	★
BM 45 RH	Heavy 1/32" Neoprene Diaphragm - Internally Mounted	★
BM 45 FH	Heavy 1/32" Neoprene Diaphragm - Externally Mounted	★
BM 45 RHT	Heavy 1/32" Silicone Diaphragm - Internally Mounted	★
BM 45 FHT	Heavy 1/32" Silicone Diaphragm - Externally Mounted	★
BM 65 DRHT	Heavy Duty 1/32" Silicone Diaphragm-Internally Mounted with D.P.D.T. Contact	★
BM 65 DFHT	Heavy Duty 1/32" Silicone Diaphragm-Externally Mounted with D.P.D.T. Contact	★

HAZARDOUS ATMOSPHERE APPLICATIONS U/L LISTED for Class II, Groups E, F & G

MODEL	DESCRIPTION	PRICE
BM 65 R	Standard Duty 1/64" Neoprene Diaphragm - Internally Mounted	★
BM 65 F	Standard Duty 1/64" Neoprene Diaphragm - Externally Mounted	★
BM 65 RH	Heavy Duty 1/64" Thick FiberThin Diaphragm (Hypalon, Nylon & Neoprene)- Internally Mounted	★
BM 65 FH	Heavy Duty 1/64" Thick FiberThin Diaphragm (Hypalon, Nylon & Neoprene)- Externally Mounted	★
BM 65 RHT	Heavy Duty 1/32" Silicone Diaphragm - Internally Mounted	★
BM 65 FHT	Heavy Duty 1/32" Silicone Diaphragm - Externally Mounted	★
BM 65 FHS	HD 1/64" Thick FiberThin Diaphragm (Hypalon, Nylon & Neoprene) Ext. Mounted, SS Mounting Plate	★

Now offering 3D Scanners

3D scanners provide continuous, non-contact level measurement using dust-penetrating technology for unsurpassed bin volume accuracy. Unlike single point devices, BinMaster's 3DLevelScanners measure multiple points to detect irregular material surfaces, cone up/down conditions, or sidewall buildup.

Advanced acoustics-based technology is proven to perform in powders and bulk solids contained in bins, tanks, silos, and domes.

Call Premier Components for more information and pricing.





The SmartBob II is a reliable level measurement system using cable-based sensing technology. *SmartBob II can be uniquely configured* using a variety of cables, probe designs, and special options for solid, slurry, brine, and liquid applications. Long-lasting, hassle-free service is ensured by SmartBob's cable cleaning system. SmartBob II is extremely rugged, featuring the industry's strongest cable and motor design completely sealed in a strong, lightweight molded polycarbonate enclosure which is explosion proof and rated for Class II, Groups E, F & G certifications.

BASE		PRICE	
SBR II 115 - Microprocessor-driven SmartBob II remote sensor, 115 VAC, corrosion-resistant polycarbonate enclosure, air inlet port, hazardous location approved, C/US listed for Class II, Groups E, F, G	SBR.1	530-5038	✱
SBR II 230 - Microprocessor-driven SmartBob II remote sensor, 230 VAC, corrosion-resistant polycarbonate enclosure, air inlet port, hazardous location approved, C/US listed for Class II, Groups E, F, G	SBR.2	530-5039	✱
SBR AO 115 - Microprocessor-driven SmartBob2 AO remote sensor, 115 VAC, corrosion-resistant polycarbonate enclosure with integrated 4-20 mA output. The SmartBob AO is a stand-alone analog transmitter that includes automatic measurement initiation and two configurable relay outputs.	SBA.1	530-5154	✱
SBR AO 230 - Microprocessor-driven SmartBob2 AO remote sensor, 230 VAC, corrosion-resistant polycarbonate enclosure with integrated 4-20 mA output. The SmartBob AO is a stand-alone analog transmitter that includes automatic measurement initiation and two configurable relay outputs.	SBA.2	530-5156	✱
PROBE		PRICE	
B1 - stainless steel heavy spike bob probe	A	416-0373	✱
B2 - 416 stainless steel heavy spike bob probe	B	416-0374	✱
B3 - Weighted 4" Stainless steel inverted cone for light solids	C	416-0375	✱
B4 - Hollow 6" stainless steel inverted cone for liquid applications	D	416-0376	✱
B5 - Plastic digestible bottle 32 oz. filled with paraffin wax	E	416-0377	✱
B6 - Plastic digestible bottle empty, to be filled with 32 oz. of material in field	F	416-0378	✱
B9 - 6" stainless steel sphere float for liquid, slurry, and light powder applications	I	416-0546	✱
B11 - Glass spike bob filled with 32 oz. sand	K	416-0647	✱
B12 - Plastic digestible bottle 32 oz. wax & stainless steel balls	L	416-0490	✱
B13 - 6" stainless steel Teflon-coated sphere float for liquid, slurry, and light powder applications	M	416-0699	✱
B14 - Teflon-coated stainless steel heavy spike bob probe	N	416-0695	✱
CABLE TYPE		PRICE	
C1 - ft. of Nylon jacketed 7 x 19 stainless steel cable for temperatures up to 250°F with 270 lb. tensile strength and SureDrop system	213-0019		✱
C2 - ft. of Teflon jacketed 7 x 19 stainless steel cable for temperatures up to 500°F with 270 lb. tensile strength and SureDrop system	213-0021		✱
C3 - ft. of bare 7 x 19 stainless steel cable for temperatures up to 1,000°F with 270 lb. tensile strength and SureDrop system	213-0020		✱
C5 - ft. of FDA approved Nylon jacketed 7 x 19 stainless steel cable for temperatures up to 250°F with 270 lb. tensile strength and SureDrop system	213-0025		✱

MOUNTING PLATE		PRICE	
MOUNTING PLATE M1 - 0° Mounting plate, 3" NPT, powder coated malleable iron, 5.18" diameter bolt circle	299-0064		✱
M2 - 0° Mounting plate, 3" NPT, powder coated carbon steel, 7" diameter bolt circle	416-0295		✱
M3 - 5° Mounting plate, 3" NPT, powder coated carbon steel, 7" diameter bolt circle	416-0296		✱
M4 - 10° Mounting plate, 3" NPT, powder coated carbon steel, 7" diameter bolt circle	416-0297		✱
M6 - 15° Mounting plate, 3" NPT, powder coated carbon steel, 7" diameter bolt circle	416-0397		✱
M7 - 20° Mounting plate, 3" NPT, powder coated carbon steel, 7" diameter bolt circle	416-0424		✱
M5 - 30° Mounting plate, 3" NPT, powder coated carbon steel, 7" diameter bolt circle	416-0298		✱
M10 - 35° Mounting plate, 3" NPT, powder coated carbon steel, 7" diameter bolt circle	416-0634		✱
M9 - 40° Mounting plate, 3" NPT, powder coated carbon steel, 7" diameter bolt circle	416-0402		✱

HEATER		PRICE	
HEATER H - 115 VAC Gear box heater for SBR	530-0387-A		✱
H2 - 230 VAC Gear box heater for SBR	530-0577		✱

SafePoint®**"TRULY" FAIL-SAFE
SELF-VALIDATING ROTARY PADDLE BIN LEVEL INDICATOR**

- ✓ Self-Validating Eliminates Costs Associated With Unexpected Sensor Failures
- ✓ Industry-First Magnetic Sensing Technology (Patented)
- ✓ Monitor Sensor Health, Not Just System Power Failure - "Fail-Safe" PLUS
- ✓ Twist On/Off Cover - No More Bolts!
- ✓ Wiring Access - 2 Conduit Entrances
- ✓ Motor Shuts Off When Paddle is Impeded to Significantly Extend Motor Life and Reduce Maintenance Costs
- ✓ Local Status Indicating Light On Most Models



(Paddle sold separately)

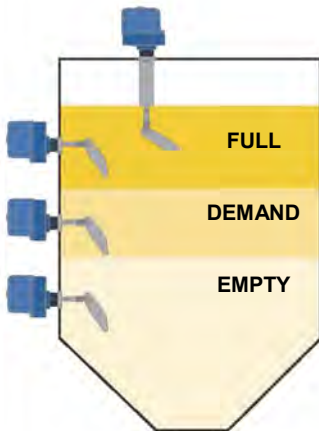
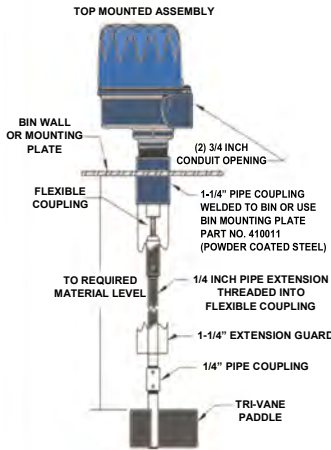
MODELS KA and KAX**ROTARY PADDLE BIN LEVEL INDICATORS**

- ✓ Point Level Sensor for Bins, Silos, Hoppers and Other Vessels Storing Bulk Solids
- ✓ Twist On/Off Cover - No More Bolts!
- ✓ Motor Shuts Off When Paddle is Impeded to Significantly Extend Motor Life and Reduce Maintenance Costs
- ✓ Wiring Access: 2 Conduit Entrances
- ✓ Competitive Price Makes The Monitor Bin Level Indicator Your Best Value
- ✓ Three Bearing Design With Sealed Bearings Last Longer
- ✓ Built-In Slip Clutch Extends Life
- ✓ Hazardous Location Approvals Available (Model KAX has ATEX/IECex haz loc approvals)
- ✓ Standard KA /KAX Units Rated to +300°F (+149°C)
- ✓ Hi-Temp Models Rated to +750°F (+399°C)
- ✓ Unique Low Voltage DC Design Available



(Paddle sold separately)





BlueLevel Technologies Rotary Paddle Power Units

MODEL	VOLTAGE	DESCRIPTION	PRICE
40-1111-111	115VAC	Ordinary location point level indicator with aluminum screw-off cover and housing, dual 3/4"NPT conduit ports, 1-1/4"NPT process port thread, FDA compliant powder coat finish, DPDT relay output rated to 8A at 250VAC, plug-in terminal strips and high intensity indicator lights standard. Fail-safe output, high/low selectable, on power failure.	☼
40-1211-111	230VAC		☼
40-1411-111	12VDC		☼
40-1511-111	24VDC		☼
40-1311-111	24VAC	Hazardous Location point level indicator with a screw-off cover, no visible indicator lights, conforms to UL; Class I Groups C & D, and Class II Groups E, F, & G. FDA compliant powder coated aluminum housing with dual 3/4"NPT conduit ports and a 1-1/4"NPT process port, DPDT relay output rated to 8A at 250VAC, plug-in terminal strips, and fail safe output: High/Low selectable on power failure.	☼
40-1121-111	115VAC		☼
40-1221-111	230VAC		☼
40-1421-111	12VDC		☼
40-1521-111	24VDC		☼
40-1321-111	24VAC		☼

BlueLevel Technologies Shaft Couplers

MODEL	DESCRIPTION	PRICE
410013	Standard threaded shaft coupling, accepts BlueLevel and most BinMaster and Monitor brand threaded paddles.	☼
410014	Shaft coupling for use with Bindicator and most Ktek and Conveyor Component brand paddles.	☼
410002	Flexible shaft coupling, for use in top mount applications with solid extension shafts.	☼
410021	Extension shaft coupling for use with folding paddles.	☼
410022	Extension shaft coupling for use with threaded paddles.	☼

BlueLevel Technologies Side Mounting Plate Kits

MODEL	DESCRIPTION	PRICE
410012	Ø8" flat, round mounting plate kit, powder coated cold rolled steel with 1/4"NPT half-coupling and neoprene gasket.	☼
410012-01	Similar kit to above except constructed from 304 grade stainless steel, with neoprene gasket.	☼
410012-03	Wide 4.0" corrugated steel mounting plate kit with 1-1/4"NPT half-coupling welded in place, galvanized.	☼
410012-04	Narrow 2.66" corrugated steel mounting plate kit with 1-1/4"NPT half-coupling welded in place, galvanized.	☼

BlueLevel Technologies Top Mounting Plate Kits

MODEL	DESCRIPTION	PRICE
410011	Ø8" flat, round mounting plate kit, powder coated cold rolled steel with 1/4"NPT full-coupling, with neoprene gasket.	☼
410011-01	Similar kit to above but constructed with 304 stainless steel, includes neoprene gasket.	☼

BlueLevel Technologies Rotary Paddles

MODEL	DESCRIPTION	PRICE
410003	Double-vane stainless steel folding paddle, inserts through a 1-1/4" NPT coupler, slides over and pins directly to the indicator shaft. No threaded coupler is needed. Good for approximately 40- 90 lbs/ft³ bulk density material.	☼
410000	Standard fixed 3-vane threaded paddle, 5" diameter, stainless steel construction. Good for approximately 30-100lbs/ft³ bulk density material.	☼
410004	Single-vane stainless steel folding paddle, inserts through a 1-1/4"NPT coupler, slides over and pins directly to the indicator shaft. No threaded coupler is needed. Good for approximately 40-90 lbs/ft³ bulk density material.	☼
410001	Large tri-vane 7" diameter stainless steel threaded paddle, good for approximately 5-40 lbs/ft³ bulk density material.	☼
410015	"Banana" style threaded paddle, stainless steel, inserts through 1-1/4"NPT coupler, good for approximately 30-70 lbs/ft³ bulk density material.	☼
410016	Single-vane heavy duty stainless steel threaded paddle, inserts through 1-1/4"NPT coupler, good for bulk densities of 50 lbs/ft³ and up.	☼
410019	Double-vane heavy duty stainless steel threaded paddle, good for bulk densities of 40 lbs/ft³ and up.	☼
410020	Four-vane heavy duty stainless steel threaded paddle, good for bulk densities of 30 lbs/ft³ and up.	☼

BlueLevel Technologies Top Mount Shaft Guards

1 1/4" SCHEDULE 40 GALVANIZED PIPE GUARDS		
MODEL	LENGTH	PRICE
410009-012	12"	☼
410009-024	24"	☼
410009-036	36"	☼
410009-048	48"	☼
410009-060	60"	Discontinued
410009-072	72"	☼

1 1/4" SCHEDULE 40, 304 STAINLESS STEEL PIPE GUARDS		
MODEL	LENGTH	PRICE
410010-012	12"	☼
410010-024	24"	☼
410010-036	36"	☼
410010-048	48"	☼
410010-060	60"	☼
410010-072	72"	☼

BlueLevel Technologies Shaft Guard Pipe Couplings

MODEL	DESCRIPTION	PRICE
410017	1 1/4" Galvanized Steel Pipe Coupler	☼
410018	1 1/4" Stainless Steel Pipe Coupler	☼

BlueLevel Technologies Top Mount Folding Paddle Shaft Extensions

GALVANIZED SHAFT		
MODEL	LENGTH	PRICE
410007-012C	12"	☼
410007-024C	24"	☼
410007-036C	36"	☼
410007-048C	48"	☼
410007-060C	60"	☼
410007-072C	72"	☼

304 STAINLESS STEEL SHAFT		
MODEL	LENGTH	PRICE
410008-012C	12"	☼
410008-024C	24"	☼
410008-036C	36"	☼
410008-048C	48"	☼
410008-060C	60"	☼
410008-072C	72"	☼

BlueLevel Technologies Top Mount Threaded Paddle Shaft Extensions

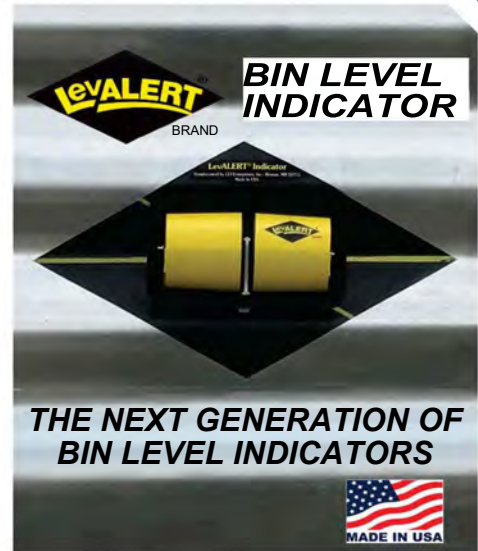
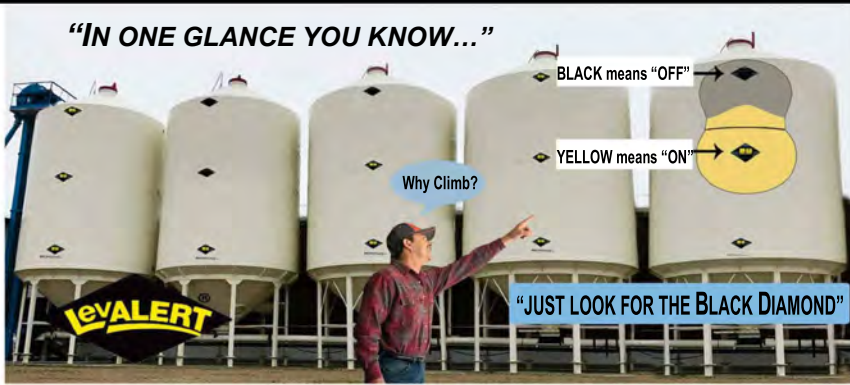
GALVANIZED SHAFT		
MODEL	LENGTH	PRICE
410007-012	12"	☼
410007-024	24"	☼
410007-036	36"	☼
410007-048	48"	☼
410007-060	60"	☼
410007-072	72"	☼

304 STAINLESS STEEL SHAFT		
MODEL	LENGTH	PRICE
410008-012	12"	☼
410008-024	24"	☼
410008-036	36"	☼
410008-048	48"	☼
410008-060	60"	☼
410008-072	72"	☼

Important Notes for Shaft Extensions:

- Guard not required if shaft extension is 24" or less
- Minimum guard length is 6 inches.
- Minimum shaft extension length is 6 inches.
- Maximum single piece length is 72 inches.
- Maximum total length is 144 inches.
- Extension and/or guard lengths exceeding 72 inches must be ordered in multiple sections.
- All shaft extensions are supplied with 1/4" NPSC coupling unless the part number ends in ____C.
- When joining shaft guard sections, order the appropriate galv. or stainless 1/4" NPSC coupling.

PLEASE CONTACT PREMIER COMPONENTS FOR CUSTOM SHAFT EXTENSIONS AND GUARDS.



Mechanical Operation. Automatic Reset. Optional electrical switch capable. Highly visible over 400 feet. Reflective for night time use. Easy to install through one 1-1/8 inch diameter hole. Fits any corrugated or flat wall surface. 5 year limited warranty. Made in USA.

LevAlert Model 760

Optional Electrical Sensor for Model 760 LES20-264 (kit below)

Magnetic Sensor (Part # 59065-952) Relay Socket (Part# AC-120) (Both sensor and relay socket required)

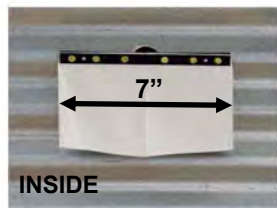
LevAlert Model 9700-7

Micro-switch/Relay Kit (Part# 10450)

Model 9700-7



SHOWN WITH OPTIONAL MAGNETIC SENSOR



IDEAL FOR HIGH SHEAR LOAD APPLICATIONS AND USE WITH GRAIN SPREADERS

Model 760



SHOWN WITH OPTIONAL MAGNETIC SENSOR



WEIGHT RANGE: 15-70 lbs/ft³

LevAlert Model 9700-7

Universal for all bin-stored material from;

Oats, Sunflowers, Ground Feeds & Grass Seeds

Weight range: 10-55 lbs/ft³

Wheat, Corn, Soybeans, Rice, Canola & Pellets

Weight range: 38-85 lbs/ft³

Sands, Powders, Salts & Fertilizers.

Weight range: 50-100 lbs/ft³



Optional Micro-switch/Relay Kit (part# 10450) For Model 9700



Simple Installation: Install from outside of bin—no bin entry required. Simply drill a 1 1/4 inch hole and insert two screws.

www.premier-com.com

877-681-3064

PREMIER COMPONENTS, INC.

4B
Components**SpeedSwitch M800**

DESCRIPTION	PRICE
Elite SpeedSwitch 24-240 VAC/DC M8001V10C	✱
Whirligig (Universal Target/Bracket/Guard) WG1-4B-4	✱
Mag-Con Magnetic Connector 2" Diameter MAG2000	✱
Tachometer 110/240 VAC TACH3V5	✱

OPTIONAL
TACHOMETER

Monitors Rotating Machinery for Dangerous Underspeed Conditions

An inductive sensing device located in the nose of the M800 enclosure will detect a metal target. This target can be an existing bolt head or device attached to a shaft. Ideally the target should be ferrous metal but non-ferrous metal will be detected at a shorter range. A signal is generated by this target on each revolution of the shaft. The M800 is then set to the normal machine RPM by calibrating with the magnet provided. If the shaft speed falls to 10% or 20% below normal RPM, the M800 provides output signals via its internal relays for control purposes such as alarm and/or shutdown. An opto-isolated pulsed output is provided for tachometers, PLCs and speed displays.

StopSwitch M100 & SlipSwitch M300

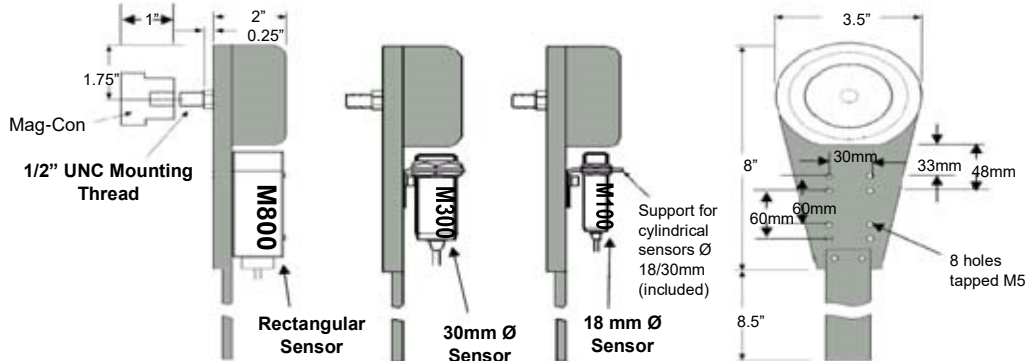
DESCRIPTION	PRICE
StopSwitch M100 12-240 VAC/DC Class 2 Div 1 Specify 2 or 5 wire	✱
SlipSwitch M300 12-240 VAC/DC Class 2 Div 1 pn: M3005V10CA	✱
Conduit Adapter M18 - 1/2" NPT (M100) pn: A12NPT	✱
Conduit Adapter M30 - 3/4" NPT (M300) A34NPT	✱
Whirligig (Universal Target/Bracket/Guard) WG1-4B-4 Includes 18/30mm Sensor Bracket and 4 Targets	✱
Mag-Con Magnetic Connector 2" Diameter MAG2000 (Price valid if sold with Whirligig)	✱
Whirligig Target 1, 2, or 8 Pulse WG1- (SPECIFY 1 2 OR 8)	✱
Adapter 1/2" M / 1/4" F A12NPT	✱



Detects Dangerous Underspeed and Stop Conditions

The StopSwitch M100 and SlipSwitch M300 are unique and simple shaft speed monitoring devices. The SlipSwitch M300 self calibrates to the normal running speed of the shaft. It provides an output at 20% underspeed and can be used to detect dangerous belt slip and machine underspeeds on conveyors and bucket elevators.

The StopSwitch M100 requires no calibration and provides an output when the shaft has stopped rotating. It can be used for process control, motion verification and stopped shaft indication.

**ProxSwitch P800/P300**

DESCRIPTION	PRICE
P800 ProxSwitch SSR Output 24-240VAC/DC P8004V10C	✱
P800 ProxSwitch with Relay Output 12-240 VAC/DC Class 2 Div 1 P8002V10FC	✱
Whirligig (Universal Target/Bracket/Guard) with 1 Target WG1-4B-1	✱
Whirligig (Universal Target/Bracket/Guard) with 2 Targets WG1-4B-2	✱
Whirligig (Universal Target/Bracket/Guard) with 4 Targets WG1-4B-4	✱
Whirligig (Universal Target/Bracket/Guard) with 8 Targets WG1-4B-8	✱
Mag-Con. Magnetic Connector 2" Diameter MAG2000 (Price valid if sold with Whirligig)	✱
Tachometer 110/240 VAC TACH3V5	✱



Inductive Sensor Designed to Detect Shaft Speed, Shaft Position, Gate Position, or Object Presence.

The P800 ProxSwitch is a Class 2, Division 1 approved limit switch style proximity sensor that works on the damped oscillator principle. No contact is made between the sensor and plant being monitored. The P800 will detect a ferrous object at 1/2" and non-ferrous metal object at a distance of 5/16".

Two different sensor outputs are available. One with changeover relay contact outputs that works on a supply voltage of 24 to 240 VAC / 12 to 240 VDC and another with solid state NPN / PNP transistor outputs which works on a supply voltage of 10 to 30 VDC.

Both units are fully encapsulated and come with a 6 ft lead and 1/2" conduit entry. Two LED's show power supply and input status.

Watchdog Monitoring System Kits

PART NUMBER	DESCRIPTION	PRICE
KIT-WDS-BE1	Bucket Elevator Monitoring System Kit #1 (Touchswitch Alignment Sensors)	✱
	Includes: 1 x WDC4V46C, 4 x ADB20V3C/D3, 4 x TS2V4C, 1 x P8004V10C, 1 x WG1-4B-4, 1 x MAG2000	
KIT-WDS-BE2	Bucket Elevator Monitoring System Kit #2 (Rub-Block Alignment Sensors)	✱
	Includes: 1 x WDC4V46C, 4 x ADB20V3C/D3, 4 x Rub-Block Kits, 1 x P8004V10C, 1 x WG1-4B-4, 1 x MAG2000	
KIT-WDS-BC1	Belt Conveyor Monitoring System Kit #1 (Touchswitch Alignment Sensors)	✱
	Includes: 1 x WDC4V46C, 4 x ADB20V3C/D3, 4 x TS2V4C, 1 x P8004V10C, 1 x WG1-4B-4, 1 x MAG2000, 2 x ADB20V3C/D3, 2 x ADBL1	
KIT-WDS-BC2	Belt Conveyor Monitoring System Kit #2 (Rub-Block Alignment Sensors)	✱
	Includes: 1 x WDC4V46C, 4 x ADB20V3C/D3, 4 x Rub-Block Kits, 1 x P8004V10C, 1 x WG1-4B-4, 1 x MAG2000, 2 x ADB20V3C/D3, 2 x ADBL1	

Optional Accessories for the Kits listed above

PART NUMBER	DESCRIPTION	PRICE
KIT-PLUG-1	KIT-PLUG-1 Plugschwitch Kit Includes: 1 x BSE1V10C, 1 x BMDA, 1 x A34NPT, 1 x SMP	✱

Speedswitch Kits

PART NUMBER	DESCRIPTION	PRICE
KIT-SPSW	M800 Speedswitch Kit (Includes sensor, whirligig, and magnetic connector) – Commonly used for bucket elevators	✱
KIT-SLSW	M300 Slipschwitch Kit (Includes sensor, whirligig, magnetic connector, and conduit adapter) – Commonly used for belt conveyors and drag conveyors	✱
KIT-STSW	M100 Stopswitch Kit (Includes sensor, whirligig, magnetic connector, and conduit adapter) – Commonly used for screw conveyors and rotary airlocks	✱
KIT-MILSP	MilliSpeed Kit (Includes MIL8001V4C, whirligig, and magnetic connector). Used for 4-20 mA signal to PLC	✱

T400 system for monitoring NTC temperature probes at the head and tail of two bucket elevators or conveyors.



T4004NV46C - ✱
Control Unit
Adjustable Depth
Bearing Sensor
NTC 3" Probe



KIT-RUB-5 ✱
Includes
2x4 Brass Block
Hinged Door
and
ADB20V3C/D3



KIT-RUB-1 ✱

Surface Mount Lug Sensor
KIT-LUG-ADB20 ✱



ADB Series Bearing
Temperature Sensor
ADB20V3C/D3 ✱



Touchswitch TS2V4C ✱



**4B
Components
Limited**



**Watchdog Super Elite
WDC4V46C ✱**



**Exploded view of the
Whirligig Universal
Shaft Sensor Mount
WG1-4B-4 ✱**



**ADB Sensor
Tester ADBT4 ✱**

**IE-NODE 1 ✱**

**IE-NODE1 with 8x NTC/CNT
Input + 2x PPM/4-20 mA Input
110/240 VAC / 24VDC Class II
Div. 2 Groups F & G for USA
and Canada.**

IE-NODE 2 ✱

**IE-NODE2 with 10x 4-20 mA
Input 110/240 VAC / 24VDC
Class II Div. 2 Groups F & G
for USA and Canada.**



MaxiScan 12M Hazard Monitoring Controller

The Maxi-Tronic MaxiScan 12M Controller provides essential protection for elevators, conveyors, and other equipment in a compact and easy to use unit.

- ✓ Underspeed Motion Controller
- ✓ Bearing Sensors
- ✓ Belt Misalignment Sensors
- ✓ Chute Plug Indicator
- ✓ Pushbutton one-step calibration.
- ✓ Integrated hour-meter.

Underspeed Motion Controller:

- ✓ Magnetic mounts for easy installation.
- ✓ 10% and 20% slowdown relay outputs.

Bearing and Belt Misalignment:

- ✓ 12 individually configured inputs.
- ✓ Accepts most types of sensors:
 - Thermocouple • BeltTracker™ • PTC Thermistor • Temperature Switch • Digital (1-Wire®)
 - ✓ CSA Class II Div 1 and intrinsically safe (simple apparatus) sensors available.
- ✓ 1 Relay per sensor w/ both NO/NC contacts.

Fully password protected setup and alarm bypass: MaxiTrack PC software compatible

Straight forward configuration

Daisy-chain multiple units together

Real-time displays for 12 sensors plus motion

Optional MODBUS for PLC connectivity

Quick testing for alarm and interlock verification Nema 4x UV-stabilized polycarbonate enclosure



Part # 932.602112 MaxiScan 12M Controller - 60Hz, 120 VAC	⊕ each
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12" High x 11" Wide x 6" Deep

Maxi-Tronic EZMount - EZ521 Slow-Down Sensors

Maxi-Tronic EZMount motion sensor simplifies sensor placement on your bucket elevators, drag conveyors, screw conveyors, and other rotating equipment. Combine with the MaxiScan 12M Motion Controller to provide under-speed detection with dual-setpoint 10% and 20% slowdown relay outputs, large digital speed display, and highly visible alarm indicators.

- ✓ Easy to install motion sensor for Maxi-Tronic MaxiScan 12M, MT400 and MT300 motion controller systems.
 - ✓ All-in-One design with sensor, housing, magnetic mount, conduit fitting, cable, and retaining strap in one compact unit.
 - ✓ Totally enclosed for increased personal safety and lower maintenance.
- Low voltage and high voltage models Replaceable sensors: many type available
Magnetic Mount option Easily add and remove targets

Part # 945.000202 - Maxi-Tronic EZMount Sensor	⊕ each
Part # 945.100521M - Maxi-Tronic EZ521 Sensor Dual Set Point 12V-240V AC/DC	⊕ each
Part # 945.000225 Maxi-Tronic EZMount Magnet Mount	⊕ each



Maxi-Tronic BeltTracker Misalignment Sensor

Maxi-Tronic belt misalignment sensors are ideal for bucket elevators, belt conveyors, rotary drums, food processing and other material handling equipment.

- ✓ BeltTracker Misalignment Sensors are sensitive, reliable and maintenance free.
- ✓ Switch-Type Mechanism for instant detection of belt misalignment conditions.
- ✓ Simple Design with no internal electronics and no power supply required.

BeltTracker Specs:

- ✓ Switch Rating: 5A 125/250 VAC, .5A 125VDC, .25A 250VDC
- ✓ N/O or N/C Outputs: Momentary N/C and N/O contacts.
- ✓ Latching Relay Board: Optional latching-board provides a continuous output signal from the momentary N/C switch.
- ✓ Stainless Disc: 2.5" dia. stainless touch plate for durability.
- ✓ Adjustable Sensitivity: Eliminates false alarms.
- ✓ Easy Testing: Tests the mechanism and the switch.
- ✓ Dust-Ignition Proof: CSA Class II, Div. 1 certified.
- ✓ 1/2" Condit Fitting: Pre-wired with 10' 18 AWG cable.

- Extremely rugged design
- Instant sensing and alarm output
- Minimal moving parts
- Class II, Div. 1 CSA Certifi
- Easy installation and low maintenance
- No power supply needed



Part # 948.000720 Maxi-Tronic Belt Tracker	⊕ each
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Part # 948.000729	Optional Hinged Kit Assesory	⊕
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Maxi-Tronic Temperature and Belt Misalignment Sensors

Maxi-Tronic leads the industry in providing a wide variety of reliable low cost temperature sensors for all your hazard monitoring needs. Ideal for Bearings, Gear Boxes, Bucket Elevators, Mills, Grinders, Conveyors, Mechanical Drives and most other material handling equipment. Use these sensors with Maxi-Tronic Temperature Controllers and all PLC/PC based systems. Combine with Maxi-Tronic MT400 Underspeed Detection Controllers and FM200 Flow/No-Flow detectors for complete hazard monitoring protection.

HB-21 Series Bearing Sensors allow greasing the bearing without removing the sensor.

- ✓ Sensor element is located at the bearing race for the most rapid and accurate reading in the industry.
- ✓ Easy to install and maintenance free. Just screw the stainless HB-21 "housing" and "insert" into an existing Zerk grease fitting.
- ✓ Integral 1/2" NPT conduit fitting.

FP-21 Surface Sensors monitor the temperature of surfaces that cannot be monitored by other sensors.

- ✓ Easy to install, just bolt on or strap on to nearly any surface.
- ✓ Choose from many configurations, switching temperatures, and contacts (N/O or N/C).
- ✓ A drain-plug style sensor is also available.

- Extremely rugged designs
- CSA Class II, Div 1 Certified
- Easy installation and low maintenance
- Industry standard TC, RTD, DIGITAL and Switches
- Fast reacting sensing elements
- Configurations for nearly any application
- Fully compatible with MaxiTrack Remote Hazard Monitoring software



Part # HB-21.HOUSING.18 Maxi-Tronic HB Housing 1/8" Stainless Steel	⊕ each
Part # HB-21.TCT.3 Maxi-Tronic HB Insert 3.0" Type T Thermocouple Stainless Steel	⊕ each
Part # HB-21.RTD4W.3 Maxi-Tronic HB Insert 3.0" 100 Ohm RTD 4 Wire Stainless Steel	⊕ each
Part # RB-21.TCT Maxi-Tronic Belt Misalignment Sensor Type T Thermocouple with inspection hinge	⊕ each
Part # RB-21.RTD Maxi-Tronic Belt Misalignment Sensor 100 Ohm RTD 4 Wire with inspection hinge	⊕ each
Part # FP-21.TCT.38 Maxi-Tronic Flat Pack Temperature Sensor Type T Thermocouple	⊕ each
Part # FP-21.TMP140.NC Maxi-Tronic Flat Pack Temperature Sensor 140° Trip N/C Contact	⊕ each
Part # FP-21.XZKIT 18 Maxi-Tronic Grease Zerk Kit	⊕ each



PATENT PENDING

SUMP GUARD®

Can your company afford plugged sumps with current OSHA zero entrance laws?

Sump Guard relieves vertical forces on sump gates and helps ensure consistent bin unloading equipment operation. With over 1,080 square inches of open area in just our 24" model, the sump guard will pay for itself by diminishing down-time from stubborn/ overloaded sumps. Adaptable to sweep augers and available in 24"-48" sizes, the easily installed and expanded Sump Guard just makes sense to your bottom

SUMP GUARD MODEL	COST	SUMP GUARD MODEL	COST
24" Carbon Steel Sump Guard	★	48" Carbon Steel Sump Guard	★
24" Galvanized Sump Guard	★	48" Galvanized Sump Guard	★

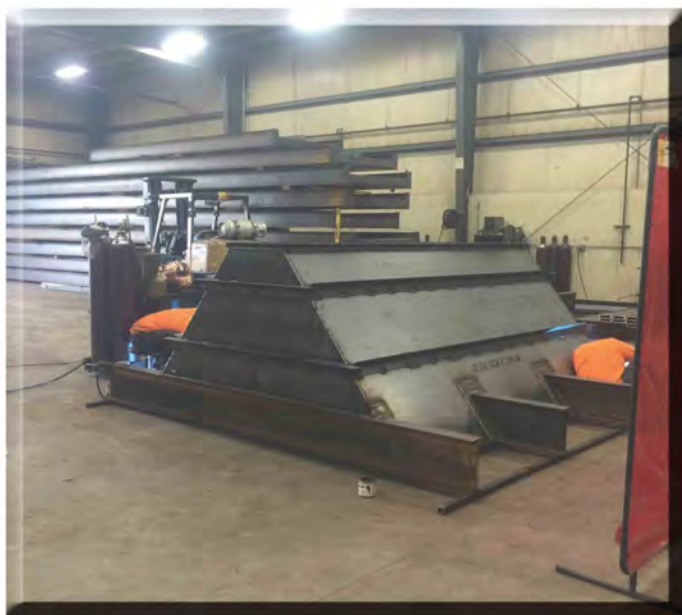


MADE IN USA

Contact a Premier Components representative for further information.

MADE TO ORDER PIT COVER BELTING IS ALSO AVAILABLE.

RECEIVING HOPPERS / DUMP PITS



CUSTOM FABRICATED RECEIVING HOPPERS DESIGNED TO CUSTOMER SPECIFICATIONS

Contact Premier Components with specifications for pricing.



LH Series 6" Wing Nut Style

6" Non-Pressure Fill Cover/Quick Access Inspection Door LH1110					★
Cover Material Contact External	Weld Ring	Gasket	Vent	Replacement Gasket	
1 Steel/Steel	0 None	1 Buna N	0 No Vent	2526	
2 SS304/Plated	1 2" x .135 Steel	2 Hi-Temp		2808	
3 SS316/Plated	2 2" x 11ga SS304	3 EPDM		4255	
4 SS316L/Plated	3 2" x 10ga SS316	4 Teflon		4759	
5 SS304/SS304	4 2" x 11ga SS316L	5 White Neoprene		5131	

(Plated wing nut)

Applications: Cleanout, Fill Openings, Inspection Cover, Sampling Port.

Locations: Conveyors, Elevator Legs, Hoppers, Silos, Spouting, Storage Tanks and more.

Features: Wing-nut hatch provides tight, secure closure, durable lightweight construction.

Average ship weight 10 lbs

Overall Height: 4 7/8" Approximate

LA Series 8"

8" Non-Pressure Fill Cover/Quick Access Inspection Door LA1110					★
Cover Material Contact External	Weld Ring	Gasket	Vent	Replacement Gasket	
1 Steel/Steel	0 None	1 Buna N	0 No Vent	1641	
2 SS304/Plated	1 3" x 0.135 Steel	2 Hi-Temp	1 VE0010	2568	
3 SS304/SS304	2 3" x 11ga SS304	3 White Neoprene	2 NV2001	4739	
4 SS3216/SS304	3 3" x 0.148 SS316	4 Teflon		2678	
5 SS304L/SS304	4 3" x 11ga SS304L	5 Viton		5080	

Applications: Cleanout, Fill Opening, Inspection Cover, Sampling Port.

Locations: Conveyors, Elevator Legs, Hoppers, Silos, Spouting, Storage Tanks and more.

Features: Ideal inspection port for conveying systems, locking hatch, no tools required to open.

Average ship weight 11 lbs

Overall Height: 4 1/2" Approximate

LW Series 8" Wing Nut Style

8" Non-Pressure Fill Cover/Quick Access Inspection Door LW1110					★
Cover Material Contact External	Weld Ring	Gasket	Vent	Replacement Gasket	
1 Steel/Steel	0 None	1 Buna N	0 No Vent	1641	
2 SS304/Plated	1 3" x 0.135 Steel			2568	
3 SS316/SS304	2 3" x 11ga SS304			4739	

(Plated wing nut) 3" x 10ga SS316

Applications: Cleanout, Fill Opening, Inspection Cover, Sampling Port.

Locations: Conveyors, Elevator Legs, Hoppers, Silos, Spouting, Storage Tanks and more.

Features: Wing-nut hatch provides tight, secure closure, durable lightweight construction.

Average ship weight 11 lbs

Overall Height: 5 5/8" Approximate

LB Series 10"

10" Non-Pressure Fill Cover/Quick Access Inspection Door LB1110					★
Cover Material Contact External	Weld Ring	Gasket	Vent	Replacement Gasket	
1 Steel/Steel	0 None	1 Buna N	0 No Vent	2561	
2 Aluminum/Plated	1 3" x 10ga Steel	2 Teflon	1 NV2001	2552	
3 SS304/Plated	2 1" x 0.190 Aluminum	3 Hi-Temp	2 VE0010	2575	
4 SS304/SS304	3 3" x 10ga SS304	4 Black Neoprene		2553	
5 SS316/SS304	4 3" x 10ga SS316	5 White Neoprene		3357	
6 SS316L/SS304	5 3" x 1/4" Steel	6 EPDM		2562	
	6 3" x 10ga SS316L	7 Viton		2181	

Applications: Cleanout, Fill Opening, Inspection Cover, Sampling Port.

Locations: Conveyors, Elevator Legs, Hoppers, Silos, Spouting, Storage Tanks and more.

Features: Ideal inspection port for conveying systems, locking hatch, no tools required to open.

Average ship weight: 14 lbs.

Overall Height: 4 1/2" Approximate

Solutions for Common Non-Pressure & Pressure Applications

Access Doors - Bin Entry - Cleanout Ports

Inspection Covers - Manholes - Sampling Ports

Fill Openings

Common Installation Locations

Bag Houses - Conveyors - Elevator Legs

Floor Openings - Garners - Hoppers

Mixers - Scales - Silos - Spouting - Tanks

LS Series 12"

12" Non-Pressure Fill Cover/Quick Access Inspection Door LS1110					★
Cover Material Contact External	Weld Ring	Gasket	Vent	Replacement Gasket	
1 Steel/Steel	0 None	1 Buna N	0 No Vent	5058	
2 SS304/Plated	1 3" x 10ga Steel	2 Hi-Temp		1239	
3 SS304/SS304	3 3" x 10ga SS304	3 White Neoprene		5590	
5 SS316/SS304	4 3" x 10ga SS316				
6 SS316L/SS304	5 3" x 10ga SS316L				

Applications: Cleanout, Fill Opening, Inspection Cover, Sampling Port.

Locations: Conveyors, Elevator Legs, Hoppers, Silos, Spouting, Storage Tanks and more.

Features: Ideal inspection port for conveying systems, locking hatch, no tools required open.

Average ship weight: 17 lbs

Overall Height: 4 1/2" Approximate

LD Series 16"

16" Non-Pressure Fill Cover/Quick Access Inspection Door LD1110					★
Cover Material Contact External	Weld Ring	Gasket	Vent	Replacement Gasket	
1 Steel/Steel	0 None	1 Buna N	0 No Vent	1294	
2 Aluminum/Plated	1 3" x 3/16 Steel	2 Teflon Envelope		2567	
3 SS304/SS304	2 3" x 1/4 Aluminum	3 Viton		3889	
4 SS316/SS304	3 3" x 3/16 SS304	4 Hi-Temp		2685	
5 SS304/Plated	4 3" x 3/16 SS316	5 White Neoprene		3145	
6 SS316L/SS304	5 3" x 3/16" SS316L	6 EPDM		4612	

Applications: Cleanout, Fill Opening, Inspection Cover, Manholes, Sampling Port.

Locations: Conveyors, Elevator Legs, Hoppers, Silos, Spouting, Storage Tanks and more.

Features: Ideal inspection port for conveying systems, locking hatch, no tools required to open.

Average ship weight 25 lbs.

Overall Height: 4 1/2" Approximate

KP Series 20"

20" Non-Pressure Manway/Quick Access Inspection Door KP1110					★
Cover Material Contact External	Weld Ring	Gasket	Vent	Replacement Gasket	
1 Steel/Steel	0 None	1 Buna N	0 No Vent	1026	
2 Aluminum/Plated	1 6" x 3/16 Steel	2 White Neoprene		1432	
3 SS304/Plated	2 6" x 3/16 Aluminum				
4 SS304/SS304	3 6" x 3/16 SS304				

Applications: Cleanout, Fill Opening, Inspection Cover, Manholes, Sampling Port.

Locations: Conveyors, Elevator Legs, Hoppers, Silos, Spouting, Storage Tanks and more.

Features: Ideal inspection port for conveying systems, locking hatch, no tools required to open.

Average ship weight 25 lbs.

Overall Height: 4 1/2" Approximate

LE Series 20"

20" Non-Pressure Manway/Quick Access Inspection Door LE1110					★
Cover Material Contact External	Weld Ring	Gasket	Vent	Replacement Gasket	
1 Steel/Steel	0 None	1 Buna N	0 No Vent	1026	
2 Aluminum/Plated	1 3" x 3/16 Steel	2 White Teflon		1432	
3 SS304/SS304	2 3" x 1/4 Aluminum	3 EPDM		3622	
4 SS316/SS304	3 3" x 3/16 SS304	4 Viton		2573	
5 SS304/Plated	4 3" x 3/16 SS316	5 Teflon		2551	
6 SS316L/SS304	5 3" x 3/16" SS316L	6 Hi-Temp		2726	

Applications: Bin Entry, Cleanout, Fill Opening, Inspection Cover, Manhole, Sampling Port.

Locations: Conveyors, Elevator Legs, Hoppers, Silos, Spouting, Storage Tanks and more.

Features: Ideal inspection port for conveying systems, locking hatch, no tools required to open.

Average ship weight: 29 lbs (Steel with weld ring)

Overall Height: 4 1/2" Approximate

KM Series 20"

20" Non-Pressure Manway/Quick Access Inspection Door KM1110					★
Cover Material Contact External	Weld Ring	Gasket	Vent	Replacement Gasket	
1 Steel/Steel	0 None	1 Buna N	0 No Vent	1026	
2 SS304/SS304	1 3" x 3/16 Steel	2 White Teflon		1432	
3 SS316/SS304	2 3" x 3/16 SS304	3 Viton		2573	
	3 3" x 3/16" SS316	4 EPDM		3622	
		5 Hi-Temp		2726	

Applications: Access Door, Bin Entry, Cleanout, Fill Opening, Inspection Cover, Manhole, Sampling Port.

Locations: Conveyors, Elevator Legs, Hoppers, Silos, Spouting, Storage Tanks and more.

Features: Two additional cam levers for tighter seal, locking hatch, low maintenance.

Average ship weight: 42 lbs.

Overall Height: 4 3/8" Approximate

KN Series 24" NON-PRESSURE ACCESS

24" Non-Pressure Manway/Quick Access Inspection Door KN1110

Cover Material Contact External		Weld Ring	Gasket	Vent	Replacement Gasket
1	Steel/Steel	0	1	0	1358
2	SS304/SS304	1	2	1	4165
3	SS316/SS304	2	3		2571
		3	4		4732
			5		3643



Applications: Access Door, Bin Entry, Cleanout, Fill Opening, Inspection Cover, Manhole, Sampling Port.
Locations: Conveyors, Elevator Legs, Hoppers, Silos, Spouting, Storage Tanks and more.
Features: Two additional cam levers for tighter seal, locking hatch, low maintenance.
Average ship weight: 52 lbs. Overall Height: 5 3/8" Approximate

LT Series 30"

30" Non-Pressure Manway/Quick Access Inspection Door LT1110

Cover Material Contact External		Weld Ring	Gasket	Vent	Replacement Gasket
1	Steel/Steel	0	1	0	2549
2	Aluminum/Plated	1	2	1	4591
3	SS304/SS304	2			
4	SS316/Plated	5			
		7			



Applications: Access Door, Bin Entry, Cleanout, Fill Opening, Inspection Cover, Manhole, Sampling Port.
Locations: Conveyors, Elevator Legs, Hoppers, Silos, Spouting, Storage Tanks and more.
Features: Nine (9) additional cam levers for secured seal.
Average ship weight: 90 lbs. Overall Height 6 1/2" Approximate

PRESSURE ACCESS

HA Series 8"

8" Full Opening Pressure/Vacuum Relieving Tank Hatch HA1110

Base	Cover	Dome	Pressure Option
1 Steel Weld Straight	1 Plated Steel	1 Plated	0 None
2 Cast Iron, Flanged, Sloped			

Replacement Gasket	Dome	Cover
Black Neoprene	1883	1676
White Neoprene	6769	6770

Overall Height: 5 1/4" Weld Base / 4 5/8" Flanged Base.



HA1110

HC Series 20"

20" Full Opening Pressure/Vacuum Relieving Tank Hatch HC1110

Base	Cover	Dome	Pressure Option
1 Cast Aluminum	1 Cast Aluminum	1 Plated Steel Dome	0 1oz Aluminum Dome
		2 Cast Aluminum Dome	

Replacement Gasket	Dome	Cover
Black Neoprene	1184	1165
White Neoprene	1160	1163

Overall Height Approximate: 10 1/4"

(only available
with 1 oz setting)



Other Pressure Access Units Available
Series: HH, MJ, LM, KZ, LG, KS, MZ, KY



HH



MJ



LM



KZ



LG



KS



MZ



KY



SOLUTIONS FOR COMMON NON-PRESSURE & PRESSURE APPLICATIONS
ACCESS DOORS—INSPECTION CONVEYORS—BIN ENTRY—MANHOLES—CLEAN-OUT PORTS—SAMPLING PORTS—FILL OPENINGS

COMMON INSTALLATION LOCATIONS

BAG HOUSES—MIXERS—CONVEYORS—SCALES—ELEVATOR LEGS—SILOS—FLOOR OPENINGS—SPOUTING—GARNERS—TANKS—HOPPERS
CALL PREMIER COMPONENTS FOR ALL YOUR ACCESS DOOR AND TANK HATCH NEEDS.

BIN FLOOR SHEETING

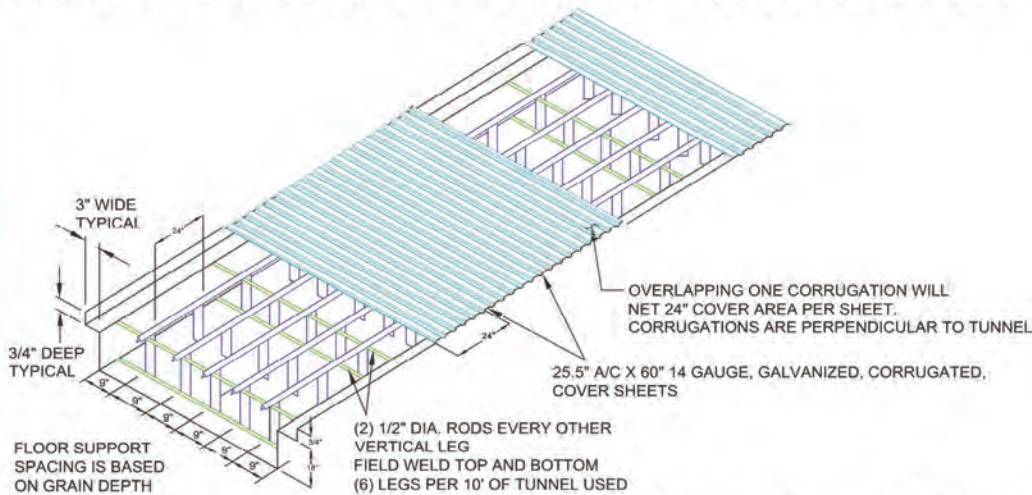
Flush floor bin aeration cover sheets are constructed of high quality 14 gauge galvanized steel as standard. Each sheet comes in 25.5" widths for a 24" cover with overlap of one corrugation and is perforated with Ø3/32" holes on 1/4" staggered centers with an open area of 13%. The perforation pattern optimizes the strength of the steel while allowing for efficient aeration. 5,000 pound per square foot loading drive over flooring is also available.



Available components include:

"Z" flashing for 90° taps come standard in 10' lengths, flush floor aeration supports, torpedo heads with hardware, and hopper tie downs (specify steel or concrete hopper hardware when ordering).

TYPICAL FLOOR SUPPORTS AND COVER SHEET DETAILS



LENGTHS	WEIGHT
120	59
100	49
96	47
80	39
72	35
60	30
54	27
48	24
40	20
36	18
30	15
24	12
20	10

Please contact a Premier representative for lengths not shown above.

weight in pounds

CORRUGATED METAL PIPE AND ACCESSORIES

Full round corrugated metal pipe (CMP) and accessories are constructed of high quality 14 gauge galvanized steel as standard. Each pipe is perforated with Ø3/32" holes on 1/4" staggered centers with an open area of 13%. The corrugations are 2.667" from hill to hill with .625" valleys. All pipes are available in lengths of 2' increments up to 20' and can be purchased as solid (imperforated) 14 gauge as well.

PERFORATED CMP	
DIA.	WEIGHT
12	10.9
15	13.4
16	14.3
18	16.0
21	18.7
24	21.3
30	26.3
36	31.6

weight in pounds



SOLID CMP	
DIA.	WEIGHT
12	12.2
15	15.1
16	16.1
18	18.0
21	21.0
24	23.9
30	29.6
36	35.5

weight in pounds

7" AND 12" WIDE CLAMP BANDS ARE AVAILABLE IN ALL SHOWN DIAMETERS FOR CONNECTING LENGTHS OVER 20'. END PLATES CAN BE SUPPLIED IN EACH DIAMETER WITH OR WITHOUT ANGLE FOOT AND HARDWARE.

PLEASE CONTACT PREMIER FOR ALL YOU AERATION NEEDS.

www.premier-com.com

877-681-3064

DAAY BIN PADDLE SWEEP®

Daay Bin Paddle Sweep offers a non jack system that allows for minimal entry once a Daay Bin Paddle Sweep is started. Rubber paddles move grain gently and evenly into the sump. They are designed to be fully submersed in grain.



DAAY PADDLE SWEEP



Norstar

INNOVATIVE "TRAC SYSTEM"

The Posi-Trac Sweep features a "Trac System" in place of the standard Tractor Drive. The sweep circles the bin using an electrically driven gear and sprocket system that links with a curved track installed on the concrete floor. The contact between the sprocket and track prevents the sweep from slipping and retains forward movement with up to 1900 lbs of thrust: a significant increase in power.



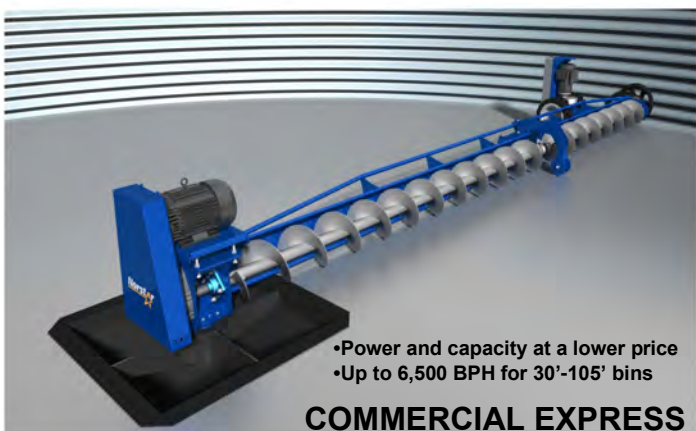
HEAVY-DUTY BUILD

Cleaning out Commercial Grain Bins requires high quality and durability. That is why we build the ATLAS™ Sweep using the highest quality of materials. Featuring a heavy duty design, commercial grade bearings, and 1/4" auger flighting, the ATLAS™ can handle your demands with ease.



OPTIMAL TRACTION

The Commercial Express features a motorized Tractor Drive with weight distribution as well as an 18" SureGrip™ Gear Reduction Wheel. This combination provides the power and traction needed for an efficient clean-out.



HEAVY DUTY BIN SWEEPS

NORSTAR

CONTACT PREMIER COMPONENTS FOR PRICING AND SPECIFICATIONS

www.premier-com.com

877-681-3064

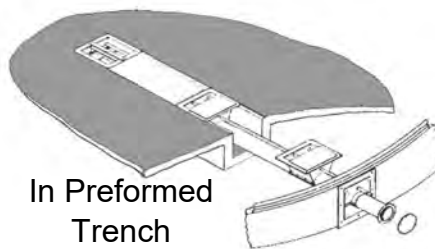
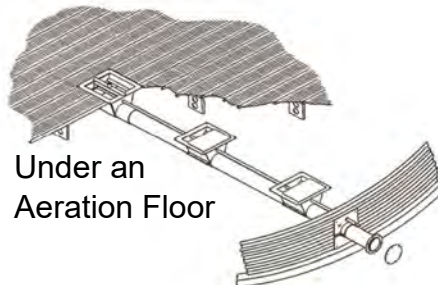
PREMIER
COMPONENTS, INC.



The remainder of this catalog is devoted to Hutchinson Tube Screw and Klean Sweep parts and assemblies. As a Hutchinson dealer, Premier Components has showcased only the most commonly stocked items and would be pleased to provide a complete Hutchinson catalog upon request.

BIN WELLS

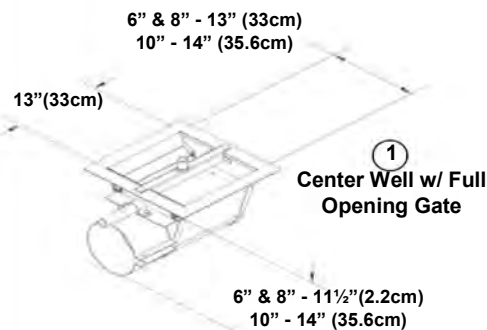
The bin well with unloading tube is the first step in an automatic bin unloading system. With these installed, the system can be completed in a variety of ways at any time. The small cost makes bin wells a good investment for every bin. The illustration below pictures three ways that bin wells and unloading tubes can be installed. Different types of wells are available for various applications.



Slide gates and pivot pipes are provided, as well as clamps to attach bin wells to the unloading tube (which is heavy gauge for dependable service and includes a flanged discharge end with tube cap.). Also available is a bin flange with clamp. It attaches to the bin well, covering the hole and securely holding the unloading tube in place.

BIN WELLS WITH ROLLER SUPPORTED SLIDES

REF NO.	DESCRIPTION	6"			8"			10"		
		PART#	w t. (lbs.)	PRICE	PART#	w t. (lbs.)	PRICE	PART#	w t. (lbs.)	PRICE
1	Center Well w/ Full Opening Gate	B1193E	28	★	B1293E	29	★			
2	Band-on Intermediate Well (Full Gate)	B1192E	26	★	B1294E	21	★			
3*	Low Profile Center Well (Double Pull)							*B1327C-DP	65	★
4*	Low Profile Intermediate Well (Double Pull)							*B1333C	42	★
-	Band-on Intermediate Well (Half Gate)				B1291E	26	★			

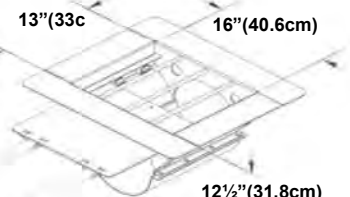
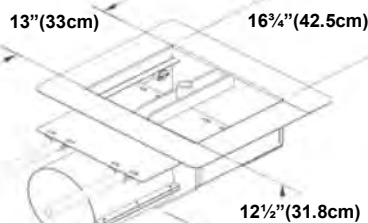


6" & 8" - 11 1/2" (2.2cm)
10" - 14" (35.6cm)

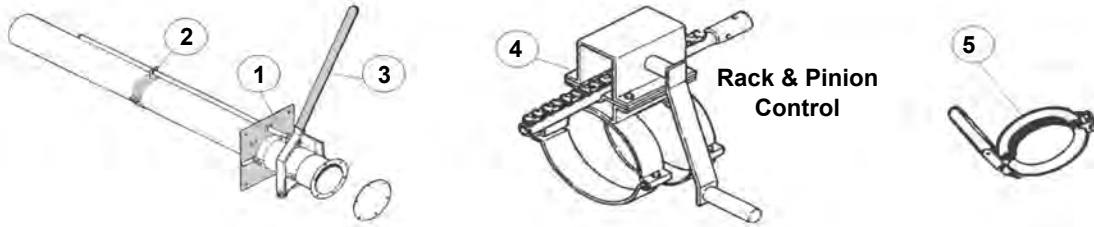
6" & 8" - 11 1/2" (2.2cm)
10" - 14" (35.6cm)

③ Low Profile Center Well (Double Pull)

④ Low Profile Intermediate Well (Double Pull)



BIN WELL ACCESSORIES



REF. #	DESCRIPTION	6"			8"			10"		
		PART#	WT. (lbs.)	PRICE	PART#	WT. (lbs.)	PRICE	PART#	WT. (lbs.)	PRICE
1	Bin Flange	B1119C	4	✱	B1219C	5	✱	BJ1001W	4	✱
2	Control Rod Guide	B1122E	2	✱	B1222D	2	✱	B1322D	2	✱
3	Control Lever Kit	B1123G	12	✱	B1223D	14	✱	B1323D	15	✱
4	Control Rod Rack & Pinion Assy.	B1123R	45	✱	B1223R	45	✱	B1323R	50	✱
-	Rack & Pinion Control (Power Sweep)	-	-	-	B1223P	25	✱	B13899RP	25	✱
5	Quick Connect Flange Clamps	B1130C	2.7	✱	B1230C	3	✱	B1330C	3.6	✱

UNLOADING TUBES

BIN DIA.	TUBE LENGTH	Recommended Number of Intermediate Wells	6"x12ga. Galv. Tube w/ a Flange & Tube Cap			8"x12ga. Galv. Tube w/ a Flange & Tube Cap			10"x12ga. Galv. Tube w/ a Flange & Tube Cap		
			PART#	Wt. (lbs.)	Price	PART#	Wt. (lbs.)	Price	PART#	Wt. (lbs.)	Price
15'	9'-11"	1	BT060911	48	✱	BT080911	79	✱			
18'	11'-5"	1	BT061105	53	✱	BT081105	78	✱			
21'	12'-11"	2	BT061211	62	✱	BT081211	88	✱			
24'	14'-5"	2	BT061405	65	✱	BT081405	94	✱	BC101405	126	✱
27'	15'-11"	2	BT061511	71	✱	BT081511	105	✱	BC101511	138	✱
30'	17'-5"	2	BT061705	77	✱	BT081705	114	✱	BC101705	150	✱
33'	18'-11"	3	BT061811	88	✱	BT081811	127	✱	BC101811	166	✱
36'	20'-5"	3	BT062005	98	✱	BT082005	141	✱	BC102005	184	✱
42'	23'-4"	4				BT082304	148	✱	BC102304	195	✱
48'	26'-4"	4				BT082604	165	✱	BC102604	219	✱

UNLOADING FLIGHTS

Listed below are the horizontal flight sections that are required for the unloading tubes when used with standard duty horizontals, 25° unloader, verticals and lowboy augers.

BIN DIA.	Flight for 6" Tube 5" O.D. x 11ga. On 1-1/4" O.D. Tube.				Flight for 8" Tube 7" O.D. x 7ga. On 1.9" O.D. Tube.				Flight for 10" Tube 9" O.D. x 7ga. On 1.9" O.D. Tube.			
	PART#	LENGTH	WT. (lbs.)	PRICE	PART#	LENGTH	WT. (lbs.)	PRICE	PART#	LENGTH	WT. (lbs.)	PRICE
15'	B11511A	10'-11"	29	✱	B12511A	10'-11"	57	✱				
18'	B11521A	12'-5"	33	✱	B12521A	12'-5"	64	✱				
21'	B11531A	13'-11"	37	✱	B12531A	13'-11"	72	✱				
24'	B11541A	15'-5"	41	✱	B12541A	15'-5"	80	✱	B13541A	15'-5"	95	✱
27'	B11551A	16'-11"	45	✱	B12551A	16'-11"	87	✱	B13551A	16'-11"	104	✱
30'	B11561A	18'-5"	49	✱	B12561A	18'-5"	95	✱	B13561A	18'-5"	112	✱
33'	B11571A	19'-11"	53	✱	B12571A	19'-11"	103	✱	B13571A	19'-11"	121	✱
36'	B11581A	21'-5"	57	✱	B12581A	21'-5"	110	✱	B13581A	21'-5"	130	✱
42'					B12601A	24'-4"	125	✱	B13601A	24'-4"	147	✱
48'					B12611A	27'-4"	140	✱	B13611A	27'-4"	165	✱

STANDARD BIN UNLOADING CONTROL PIPE KIT

BIN DIA.	WT. (lbs.)	PART#	PRICE	BIN DIA.	WT. (lbs.)	PART#	PRICE
15'	17	B1115A	✱	30'	29	B1130A	✱
18'	20	B1118A	✱	33'	33	B1133A	✱
21'	22	B1121A	✱	36'	35	B1136A	✱
24'	24	B1124A	✱	42'	41	B1142A	✱
27'	27	B1127A	✱	48'	48	B1148A	✱

COMPLETE UNLOAD SYSTEMS

Systems include all of the components that are installed within the bin: unloading tube, unloading flight, center well with full gate, intermediate well(s) with half gate (full gate on 10" size), bin flange and control pipe kit to operate the well gate. Choose a power head to operate the unload system from the following pages.

SIZE	BIN DIA	# WELLS	WT. (lbs.)	PART#	PRICE	SIZE	BIN DIA	# WELLS	WT. (lbs.)	PART#	PRICE
6"	15'	1	142	B119911AR	✱	8"	30'	2	317	B129961AR	✱
	18'	1	152	B119921AR	✱		33'	3	372	B129971AR	✱
	21'	2	192	B119931AR	✱		36'	3	396	B129981AR	✱
	24'	2	199	B119941AR	✱		42'	4	444	B129901AR	✱
	27'	2	212	B119951AR	✱		48'	4	484	B129992AR	✱
	30'	2	223	B119961AR	✱		24'	2	484	B139922A	✱
	33'	3	268	B119971AR	✱		27'	2	540	B139932A	✱
8"	36'	3	283	B119981AR	✱	10"	30'	2	5625	B139942A	✱
	15'	1	207	B129911AR	✱		33'	3	637	B139952A	✱
	18'	1	220	B129921AR	✱		36'	3	694	B139962A	✱
	21'	2	261	B129931AR	✱		42'	4	756	B139972A	✱
	24'	2	277	B129941AR	✱		48'	4	836	B139982A	✱
	27'	2	298	B129951AR	✱						

HORIZONTAL BIN UNLOADING AUGER KITS

Unload your bins at the flip of a switch! This economical unit unloads from the center of the bin, reducing strain on the bin walls and allows you to sample from the center. It can be moved from bin to bin for added savings.

The horizontal unloading kit includes a section of flanged tubing (with flight and stubs) which bolts to the flange on the unloading tube. The motor is mounted on top of the tube. All mounts are designed to take the proper size motor. The head bearing is

Grain discharges down from the bottom side. A utility auger or a portable auger can be combined with a horizontal bin unloader to load trucks. Unit attaches to bin unloading tube. Unloading flight sold separately.

6" UNLOADING KIT (1500 BPH)

6"x16" long, 16ga. Galv. Tube w/ flange, stubs, motor mount, 11ga. Flight welded to 1.25" shafting, "B" belts and 12" auger sheave. Use 3.5" motor pulley for proper speed.

DESCRIPTION	WEIGHT	Part#	PRICE
6" HORIZONTAL BIN UNLOADER, 2-BELT	59 lbs.	B11801A	★

For 6" Powerhead Extension, add ★

8" UNLOADING KIT (2500 BPH)

8"x24" long, 14ga. Galv. Tube w/ flange, stubs, motor mount, 7ga. Flight welded to 1.9" O.D. tube, belt and 12" auger sheave. Use 3.0" motor pulley for proper speed.

DESCRIPTION	WEIGHT	Part #	PRICE
8" HORIZONTAL BIN UNLOADER, 2-BELT	67 lbs.	B12800A	★

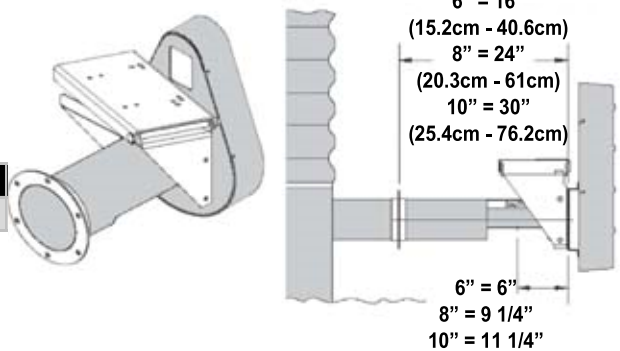
For 8" Powerhead Extension, add ★

10" UNLOADING KIT (4000 BPH)

10"x30" long, 14ga. Galv. Tube with flange, stubs, motor mount, 7ga. Flight welded to 1.9" O.D. tube, belts and 15" auger sheave. Use 3.0" motor pulley for proper speed.

DESCRIPTION	WEIGHT	Part#	PRICE
10" HORIZONTAL BIN UNLOADER, 2-BELT	148 lbs.	B13805A	★

For 10" Powerhead Extension, add ★



Bin Diameter	Horizontal Power		
	6"	8"	10"
14'-16'	3/4 HP	1-1/2 HP	
17'-19'	1 HP	2 HP	
20'-22'	1 HP	2 HP	
23'-25'	1 HP	3 HP	5 HP
26'-28'	1.5 HP	3 HP	5 HP
29'-31'	2 HP	5 HP	5 HP
32'-34'	2 HP	5 HP	5 HP
35'-37'	2 HP	5 HP	7.5 HP
42'		5 HP	7.5 HP
48'		5 HP	7.5 HP

VERTICAL BIN

Start one motor and unload grain directly into your truck, trailer or grinder mixer. One motor runs both the vertical & horizontal auger. Forget about moving your equipment back and forth to unload bins. The vertical unloader is always there, ready to go.

These units include a 16'-6" vertical auger, a horizontal section with flange to attach to the unloading tube, heavy-duty right angle gearbox with gears running in oil, hardened tooth sprockets, high quality domestic chain, universal motor mount, "B" section drive, belt guard, 45° spout head and 3' long solid spouting for the discharge. A foot support and adjustable mounting bracket are also included

6" TO 8" VERTICAL BIN UNLOADER (2,500 BPH)

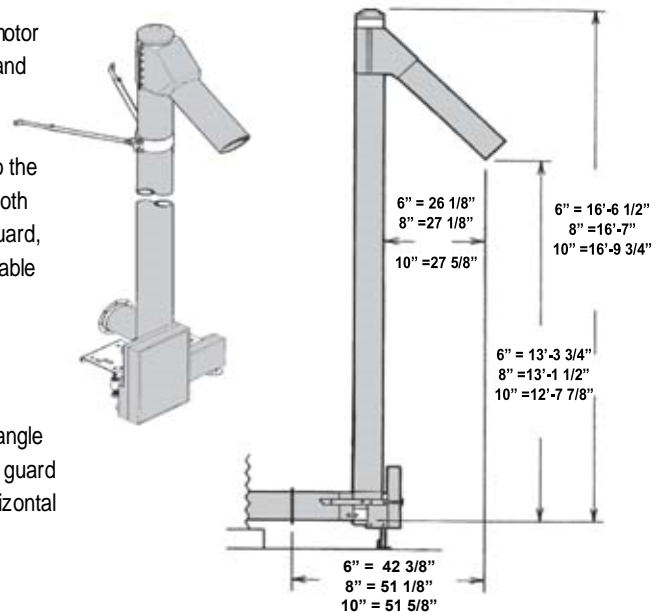
This kit includes the 16'-6" vertical auger, 8" x 24" horizontal tube with flange, right angle drive, 2-groove 12" sheave and "B" section belts, motor mount, mounting bracket, belt guard and 3' spout. Use 4.5" O.D. motor sheave. **6" to 8" adapter kit included.** Order horizontal flight separately.

DESCRIPTION	WEIGHT	Part#	PRICE
8" VERTICAL BIN UNLOADER	363	B12500A	★

8" TO 10" VERTICAL BIN UNLOADER (3,750 BPH)

This kit includes the 16'-6" vertical auger, 10" x 24" horizontal tube with flange, right angle drive, 3-belt 12" pulley and "B" section belts, motor mount, mounting bracket, belt guard and 3' spout. Use 4.0" motor pulley. **8" to 10" adapter Kit Included.** Order horizontal flight separately.

DESCRIPTION	WEIGHT	Part#	PRICE
10" VERTICAL BIN UNLOADER	505	B13500A	★



Bin Diameter	Vertical Power		
	6"	8"	10"
14'-16'	3 HP	7.5 HP	
17'-19'	3 HP	7.5 HP	
20'-22'	5 HP	7.5 HP	
23'-25'	5 HP	7.5 HP	10 HP
26'-28'	5 HP	7.5 HP	10 HP
29'-31'	5 HP	7.5 HP	10 HP
32'-34'	7.5 HP	10 HP	15 HP
35'-37'	7.5 HP	10 HP	15 HP
42'		10 HP	15 HP
48'		10 HP	15 HP

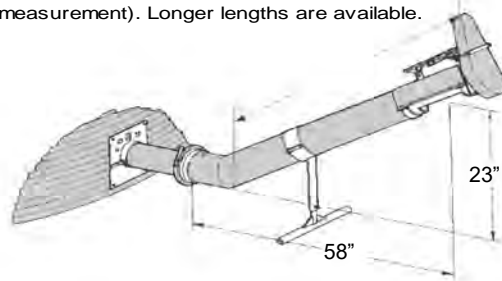
25° UNLOADING KIT

Attach the 25° Unloader to any standard unloading tube and discharge grain directly into a hopper. Units are offered with or without a transition at the flange joint. Includes inclined housing with 25° elbow, 2 or 3 belt "B" section drive, internal bearing, flange clamp and adjustable stand. Order horizontal unloading flight separately (see page 3). Motor sheave not included. Not for use on bins over 36' for 6" diameter tubes.

DESCRIPTION	Weight (lbs.)	Motor Shv.	Part#	Price
6" Unload Tube to 8" Incline 25°	130	3.5" O.D.	B11622B	★
8" Unload Tube to 10" Incline 25° (2-B)	193	3.5" O.D.	B12621B	★
8" Unload Tube to 10" Incline 25° (3-B)	193	3.5" O.D.	B12631B	★
10" Unload Tube to 12" Incline 25° (2-B)	230	3.0" O.D.	B13621B	★
10" Unload Tube to 12" Incline 25° (3-B)	240	3.0" O.D.	B13631B	★
Optional Wheel Kit for 8"	45	-	A1227A	★
Optional Wheel Kit for 10"	45	-	A1228A	★
Optional Wheel Kit for 12"	45	-	A1229A	★

Incline sections are approximately 65" long (top of tube measurement). Longer lengths are available.

Bin Diameter	25° Power		
	6"	8"	10"
14'-16'	2 HP	3 HP	
17'-19'	2 HP	3 HP	
20'-22'	3 HP	5 HP	
23'-25'	3 HP	5 HP	5 HP
26'-28'	3 HP	5 HP	5 HP
29'-31'	3 HP	7.5 HP	7.5 HP
32'-34'	5 HP	7.5 HP	7.5 HP
35'-37'	5 HP	7.5 HP	7.5 HP

**LOWBOY UNLOADING AUGERS**

Add 5" to discharge height per each foot of extension.

Includes galvanized tube with flange, flight, oil bath chain drive, 12' of plated drive shaft, gearbox, motor mount, belt guard, driven pulley and belts. Any length of unit can be ordered from 20' to 50'. (For units over 50', consult factory.)

Description	Weight	Part#	Price
6" Low boy (5" O.D. x .117" thick on 1.25" O.D. Flight) x 20' long (2-B Drive)	154	B6200V20	★
8" Low boy (7" O.D. x .187" thick on 1.9" O.D. Flight) x 20' long (2-B Drive)	258	B8200V20	★
8" Low boy (7" O.D. x .187" thick on 1.9" O.D. Flight) x 20' long (3-B Drive)	261	B8230V20	★
10" Low boy (9" O.D. x .1875" thick on 2.375" O.D. Flight) x 20' long (3-B Drive)	378	B1200V20	★
10" Low boy (9" O.D. x .1875" thick on 2.375" O.D. Flight) x 20' long (4-B Drive)	382	B1240V20	★
12" Low boy (11" O.D. x .1875" thick on 2.875" O.D. Flight) x 20' long (4-B Drive)	542	B12200V20	★

All tube connections are flange joints. Units from 20' to 30' will be one section.

Units from 31' to 40' will use a 20' head section, plus an extension.

Units from 41' to 50' will use a 30' head, plus an extension.

MODEL	# BELTS	LENGTH	Motor Shv.	Driven Shv.	RPM	Capacity	w/ Std. Bin Unl. Flight	W/ Power Sweep
6"	2B	20'-50'	3.5"	12"	650	1500 BPH	3 HP 20'-30'	5 HP 20'-30'
							5 HP 31'-50'	7.5 HP 31'-50'
8"	2B	20'-40'	4.5"	15"	525	2500 BPH	5 HP 20'-35'	7.5 HP 20'-30'
							7.5 HP 36'-50'	10 HP 31'-50'
10"	3B	20'-35'	4.2"	15"	490	4000 BPH	7.5 HP 20'-30'	15 HP 20'-30'
							10 HP 31'-40'	20 HP 31'-50'
10"	4B	36'-50'	4.2"	15"	490	4000 BPH	15 HP 41'-50'	
							20-25 HP up to 50'	
12"	4B	up to 50'	4.5"	15.4"	311	5500 BPH	20-25 HP up to 50'	

For lengths over 50' long, consult factory for HP and drive information. Unit attaches to bin unloading tube. Unloading flight sold separately.

ACCESSORIES FOR LOWBOY UNLOADING AUGERS**Power Sweep Auger Adapters**

This square to round adapter will bolt into the end of the Lowboy flight so the Lowboy can drive the power sweep unit.

Description	Size	Part#	Price
Old Unload Flight Adapter	13/16" to 1" Rd.	6312L	★
6" Power Sweep Adpt.	1" Sq. to 1" Rd.	6840D	★
8" Power Sweep Adpt.	1" Sq. to 1-1/4" Rd.	1018917	★
10" Power Sweep Adpt.	1-1/4" Sq. to 1-1/2" Rd.	1018918	★

Undercarriages

Includes undercarriage frame with mounting clamp, steel caster wheels and wheel height adjustment.

Description	Part#	Price
6" Low boy Undercarriage	B6210V	★
8" Low boy Undercarriage	B8210V	★
8" Hi Lift Low boy Undercarriage	B8215V	★
10" Low boy Undercarriage	B1210V	★
10" Hi Lift Low boy Undercarriage	B1215V	★
12" Low boy Undercarriage	B12210V	★
12" Hi Lift Low boy Undercarriage	B12215V	★

Drive Shaft Extension Kit

Includes 11'2" long plated drive shaft, two band-on bearing stand assemblies, couplers and drive shaft covers.

Description	Part#	Price
6" Drive Shaft Extension Kit	B6220V	★
8" Drive Shaft Extension Kit	B8220V	★
10" Drive Shaft Extension Kit	B1220V	★
12" Drive Shaft Extension Kit	B12220V	★

Variable Angle Auger Connector (VAAC) for Lowboy

Includes coupler box with hanger bearing, u-joint, short flight section and coupler box to Lowboy connector stub.

Description	Part#	Price
VAAC for 6" Low boy	B6230U	★
VAAC for 8" Low boy	B8230U	★
VAAC for 10" Low boy	B1230U	★

VARIABLE ANGLE AUGER CONNECTOR (VAAC)

Because you control the operating angle, this unit can be used many ways . from truck load-out to feeding a roller mill! The Variable Angle Auger Connector has numerous applications. With an operating range of 0° to 25°, it can fill many needs. The input side will attach to standard flange rings, thus allowing connection to our standard bin unloading flight and tubes. The output side of the connector box can bolt to standard flange rings, or by using the short flanged tube and connecting band it can make a smooth tube type connection. The smooth tube connection allows standard utility augers to be attached to the connector box.

The Variable Angle Auger Connector Unit includes a heavy-duty coupler of 12 ga. construction, quick connect flange clamp, built-on outlet tube, and connecting band.

Due to restriction of u-joint, capacity will be lower than standard augers. Use with dry grain only. Not for use with bins over 36' in diameter

Use with standard duty or power sweep unloader tube powered by Utility, Custom Auger or Low boy

SIZE	Weight	Part#	Price
6" to 8"	65	B1162F	★
8" to 10"	98	B1262F	★
10" TO 12"	142	B1460F	★

Enlarged transfer area allows efficient grain flow around u-joint and hanger bearing.

Horizontal Flow

Incline Flow

VAAC to be powered by Utility Auger, Custom Auger or Lowboy Unloading Auger.

Use chart below to figure the power required for the auger system.

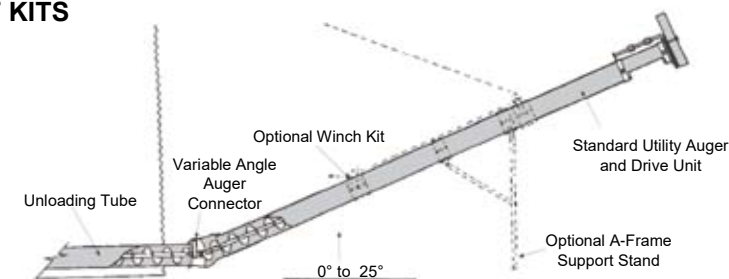
1. Determine the overall length of auger system (horizontal plus inclined unit)
2. Multiply the total auger system length by the HP/ft from the chart below .
3. Round up HP to next common size motor.

Auger Dia	6"	8"	10"
HP/ft.	0.1	0.15	0.23

VARIABLE ANGLE AUGER CONNECTOR ACCESSORIES SUPPORT KITS

NOTE: The connector box can not support the weight of the auger system attached to the output side of the connector box. Listed below are possible ways of supporting the auger system.

DESCRIPTION	Weight	Part#	Price
6" Winch Kit (w inch, cable & mounting brackets)	20	B1162D	★
8" Winch Kit (w inch, cable & mounting brackets)	22	B1262D	★
6" A-Frame Support Stand	58	B1145C	★
8" A-Frame Support Stand	59	B1245C	★

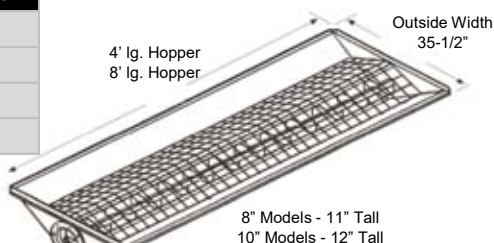


The drawing above shows a VAAC box attached to unloading tube and flight on the input side and to a standard utility auger on the output side, one of many ways to use the Connector.

UNLOADING HOPPER WITH FLIGHT AND ACCESSORIES

This hopper can be attached to Horizontal, 25° Unloaders, as well as Variable Angle Auger Connector to provide a universal unloading system.

Models	Weight	Part#	Price
8"x4' long	98	A8284A	★
8"x8' long	173	A8288A	★
10"x4' long	110	A1084A	★
10"x8' long	187	A1088A	★



HOPPER ACCESSORIES	Part#	Price
Wheel Kit for Hopper (2 w wheels and bolt-on brackets)	A8280A	★
25° Stand only for 8" Tube	60075A91	★
25° Stand only for 10" Tube	60076A91	★
25° Stand only for 12" Tube	60077A91	★

KLEAN SWEEP BIN SWEEP

U.S. PATENT NO. 4,008,816 CANADIAN PATENT NO. 1,040,572

The "Klean Sweep" is equipped with a back up shield that uses a torque tube. This tube incorporates torque into the shield to allow adjustment for close floor clearance and easy bin clean-up. A Klean Sweep removes the grain in one or two revolutions, eliminating the need for a swivel connector.

IMPORTANT: Klean Sweeps are NOT designed to remain in a bin during filling, storage or unloading. Leaving a sweep in the bin during these operations may cause severe damage to the sweep, center well, or bin. Neither Hutchinson/Maywath or Premier Components will not be responsible for such damage.

6" TORQUE ARM KLEAN SWEEP

Complete unit includes 4" O.D. 11 ga. flight mounted on 1" tubing, 5" rubber wheel, 7" auger sheave, "B" belt, 16 ga. backup shields and 1" torque tube(s).

Use 2-1/2" motor sheave for 625 R.P.M. Length is from center of bin to outside of sweep wheel.

LENGTH	HP	BIN DIA.	WEIGHT	PART#	PRICE
6'-11.25"	0.75	15'	47	B1181A	☆
8'-5.25"	1	18'	53	B1182A	☆
9'-11.25"	1	21'	59	B1183A	☆
11'-5.25"	1.5	24'	63	B1184A	☆
12'-11.25"	1.5	27'	71	B1185A	☆
14'-5.25"	2	30'	78	B1186A	☆
15'-11.25"	2	33'	85	B1187A	☆
17'-5.25"	2	36'	91	B1188A	☆

* Equipped with intermediate flight bearing.

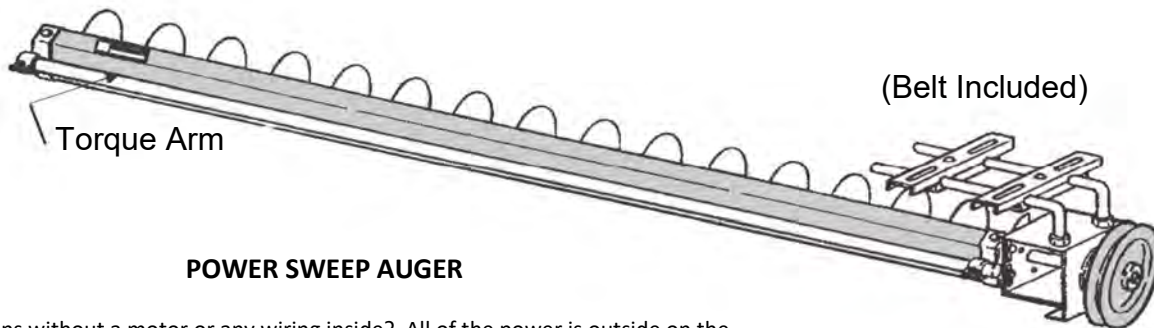
8" TORQUE ARM KLEAN SWEEP

Complete unit includes 5" O.D. 11 ga. flight mounted on 1" tubing, 6" rubber wheel, 10" auger sheave, "B" belt, 16 ga. backup shields and 1" torque tube(s).

Use 3.0" motor sheave for 525 R.P.M. Length is from center of bin to outside of sweep wheel.

LENGTH	HP	BIN DIA.	WEIGHT	PART#	PRICE
6'-11.25"	1.5	15'	55	B1281A	☆
8'-5.25"	1.5	18'	60	B1282A	☆
9'-11.25"	1.5	21'	66	B1283A	☆
11'-5.25"	2	24'	71	B1284A	☆
12'-11.25"	2	27'	78	B1285A	☆
14'-5.25"	2	30'	84	B1286A	☆
15'-11.25"	2	33'	92	B1287A	☆
17'-5.25"	2	36'	97	B1288A	☆
18'-11.25"	3	39'	103	B1289A	☆
20'-4.5"	3	42'	110	B1290A	☆
23'-4.5"	3	48'	123	B1291A	☆

* Equipped with intermediate flight bearing.

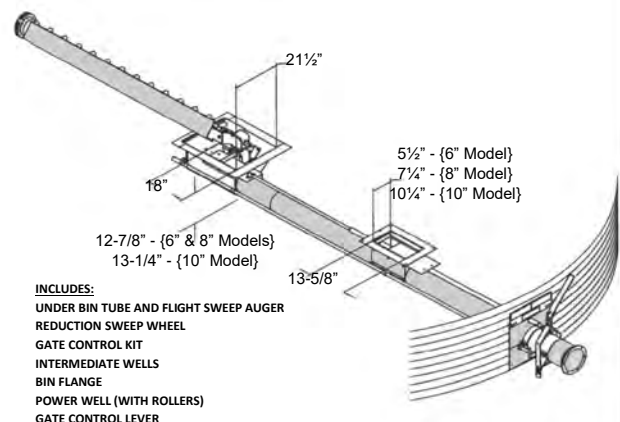


POWER SWEEP AUGER

Unload bins without a motor or any wiring inside? All of the power is outside on the power head!

Various power heads are available to meet your needs. These include a Horizontal Unloader, a Vertical Unloader, a 25° Unloader and a "Lowboy" unit. Each utilize a square drive stub, making it easier to move the powerhead from one bin to another.

A basic power sweep does not include a powerhead, but includes a bin sweep with bearing supported steel shield, two gearboxes with a connecting shaft, unloading tube and flight, special bin flange, intermediate wells, special center well, and control pipe kit. The center well includes a slide gate, houses a solid steel clutch with chain transmission in a separate enclosure (accessed by a hinged lid) to drive the bin sweep. Intermediate bearings stabilize the sweep flight and shields on units for 30' diameter bins and larger. Half inch pipe controls the center well individually and intermediate wells together. The bin sweep is to be placed over the intermediate wells before the bin is filled. To unload, start the unloading auger with the sweep clutch disengaged and open the center well slide gate. After gravity flow stops in the center, open the intermediate well(s). When flow stops, shut off the motor and engage sweep using the separate clutch control pipe. Start the motor and the sweep will pull grain to the center well while moving around the bin. One revolution of the bin usually completes the unloading job. Power sweep augers are designed for use in bins up to 60' in diameter.



INCLUDES:
UNDER BIN TUBE AND FLIGHT SWEEP AUGER
REDUCTION SWEEP WHEEL
GATE CONTROL KIT
INTERMEDIATE WELLS
BIN FLANGE
POWER WELL (WITH ROLLERS)
GATE CONTROL LEVER

The above illustration shows the Basic Power Sweep less powerhead. An offset intermediate well is shown in place. Note the offset design of the center well. Gearboxes must be placed in the center of the bin.

NOTE: It is not recommended that the Power Sweep units be set in concrete. Where it is necessary to install a unit flush with a concrete floor, we recommend that the unit be placed in a pre-formed trench. A ledge should be formed at the top edge on each side of the trench so that a 1/4" plate cover would set down flush with the floor. The center well is offset so the trench needs to be offset in the center of the bin accordingly. Consult factory for details if necessary. The Sweep Flight and Sweep Assembly are supplied in sections. It is recommended that the sweep be used in sections and try to sweep from the center of the bin to the sidewall on first pass. Normally, one pass for each section of sweep is all that is necessary to clean down to where it the bin can be broomed.

POWER SWEEP AUGER

INCLUDES GALVANIZED UNLOADING TUBE
WITH INTERMEDIATE WELLS WELDED IN PLACE

Each kit includes the special power sweep bin well, unloading tube, flight, transmission, bin sweep with "Klean Sweep" shield, intermediate well(s), bin flange and control pipe kit.

BASIC POWER SWEEP LESS DRIVE

Bin Diameter	# of Int. Wells	Bin Center to Unload Flange	Bin Center to Outside of Sweep Wheel	6" POWER SWEEP				8" POWER SWEEP				10" POWER SWEEP			
				*HP	Weight	Part#	Price	*HP	Weight	Part#	Price	*HP	Weight	Part#	Price
15'	1	9'-4.75"	6'-11"	3	311	B11717PR	☼	3	503	B12718PR	☼				
18'	1	11'-4.75"	8'-5"	3	319	B11727PR	☼	3	527	B12728PR	☼				
21'	2	12'-4.75"	9'-10.75"	3	366	B11737PR	☼	5	590	B12738PR	☼				
24'	2	13'-10.75"	11'-4.75"	3	390	B11747PR	☼	5	626	B12748PR	☼	7.5	734	B13749PR	☼
27'	2	15'-4.75"	12'-10.75"	5	404	B11757PR	☼	5	663	B12758PR	☼	7.5	792	B13759PR	☼
30'	2	16'-10.75"	14'-4.75"	5	426	B11767PR	☼	5	694	B12768PR	☼	7.5	820	B13769PR	☼
33'	3	18'-10.75"	15'-10.75"	5	460	B11777PR	☼	5	712	B12778PR	☼	7.5	962	B13779PR	☼
36'	3	19'-10.75"	17'-4.75"	5	490	B11787PR	☼	7.5	785	B12788PR	☼	10	993	B13789PR	☼
39'	3	21'-4.75"	18'-10.75"	5	510	B11797PR	☼	7.5	820	B12798PR	☼	10	1033	B13799PR	☼
42'	4	23'-4.75"	20'-4.5"	5	541	B11807PR	☼	7.5	910	B12808PR	☼	10	1150	B13809PR	☼
48'	4	26'-4.75"	23'-4.5"	7.5	618	B11817PR	☼	7.5	1022	B12818PR	☼	10	1249	B13819PR	☼

6" POWER SWEEP: Sweep Flight: 5" O.D. x 11 ga. Flight on 1.25" O.D. Tube. Unload Flight: 5" O.D. x 11 ga. Flight on 1.9" O.D. Tube. Unload Tube: 16 ga. Galvanized

8" POWER SWEEP: Sweep Flight: 7" O.D. x 7 ga. Flight on 1.9" O.D. Tube. Unload Flight: 7" O.D. x 7 ga. Flight on 1.9" O.D. Tube. Unload Tube: 14 ga. Galvanized

10" POWER SWEEP: Sweep Flight: 7" O.D. x 7 ga. Flight on 1.9" O.D. Tube. Unload Flight: 9" O.D. x 7 ga. Flight on 2.375" O.D. Tube. Unload Tube: 12 ga. Galvanized

*Horsepower ratings are adequate for use with standard horizontal power head units only.

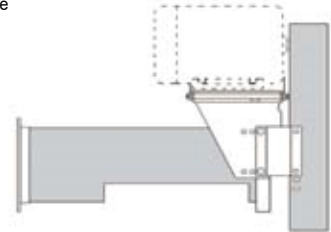
POWER SWEEP POWER HEADS

These units attach to the basic power sweep with a flange connection and a round drive stub for the flight. Choose from drives listed below or from drives listed on previous pages.

HORIZONTAL POWER HEAD

The lengths of the horizontal power heads are: 6" Model is 16", 8" Model is 24", 10" Model is 30". Distances from tube flange to center of discharge are: 6" Model is 10", 8" Model is 14 3/4", 10" Model is 18 3/4". No additional power required over what has been

DESCRIPTION	HP (max)	Wt.	Part#	Price
6" Horizontal Power Head (2-B Drive) use 3.5" O.D. Motor Sheave	5	63	B11801A	☼
8" Horizontal Power Head (2-B Drive) use 4.0" O.D. Motor Sheave	7.5	86	BJ08240DH	☼
8" Horizontal Power Head (3-B Drive) use 4.0" O.D. Motor Sheave	10	165	BJ08680DH	☼
10" Horizontal Power Head (2-B Drive) use 4.6" P.D. Motor Sheave	7.5	148	B13802A	☼
10" Horizontal Power Head (3-B Drive) use 4.6" P.D. Motor Sheave	10	150	B13803A	☼
10" Horizontal Power Head (2-B Drive) use 4.6" P.D. Motor Sheave	10	200	BJ10240DH	☼
10" Horizontal Power Head (3-B Drive) use 4.6" P.D. Motor Sheave	15	165	BJ10680DH	☼



VERTICAL POWER HEAD

One long mounting bracket is furnished with this unit. Add these HP requirements to those of basic power sweeps.

Size	Motor Sheave	HP	Weight	Part#	Price
6" TO 8"	4.5" O.D.	3	363	B12500A*	☼
8" TO 10"	4.0" O.D.	5	505	B13500A**	☼

*Use 4.5" OD Motor Sheave

**Use 4.0 OD Motor Sheave

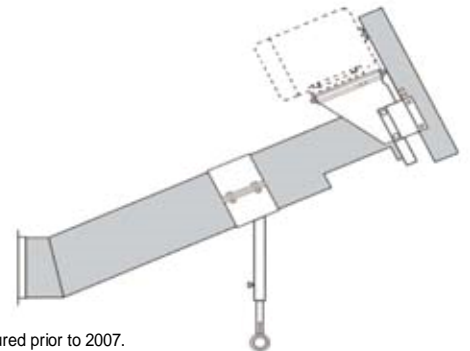
STANDARD
ELECTRIC
DRIVE
(SHOWN)



25° POWER HEAD

Add these power requirements to those listed for basic power sweeps. Not to be used on bins over Ø36".

DESCRIPTION	HP (max)	WT.	Part#	PRICE
6" to 8" 25° Power Head (2-B Drive)	7.5	130	B11622B	☼
8" to 10" 25° Power Head (2-B Drive)	10	193	B12621B	☼
8" to 10" 25° Power Head (3-B Drive)	15	193	B12631B	☼
10" to 12" 25° Power Head (2-B Drive)	10	240	B13621B	☼
10" to 12" 25° Power Head (3-B Drive)	15	222	B13631B	☼
10" to 12" 25° Power Head 3:1 Chain Reducer 2B	10	255	B13621BR	☼
10" to 12" 25° Power Head 3:1 Chain Reducer 3B	15	262	B13631BR	☼



ACCESSORIES

For converting standard horizontal bin unloaders, vertical bin unloaders and 25° unloaders with power sweeps manufactured prior to 2007.

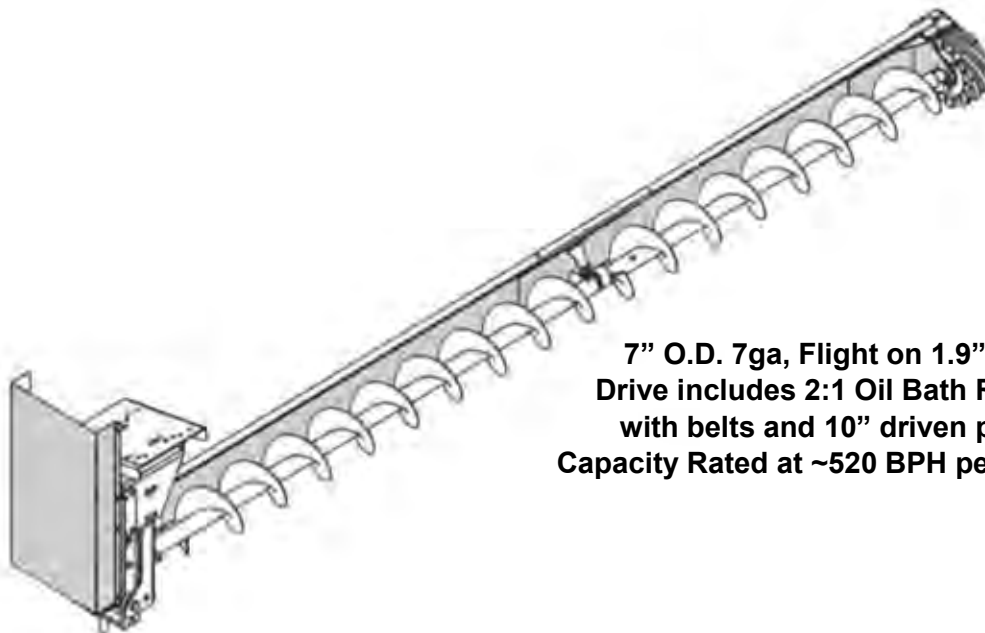
DESCRIPTION	USE	Part#	Price
Stub 1.25" round to 1" square x 8.5" long	8" Horizontal or Vertical to 6" or 8" Sweep:	1018917	☼
Stub 1.25" round to 1" square	8" 25° Unloader to 6" or 8" Sweep:	1036883	☼
Stub 1.5" round to 1.25" square x 8.5" long	10" Horizontal or Vertical to 10" Sweep:	1018918	☼
Stub 1.5" round to 1" square x 8.5" long	10" Horizontal or Vertical to 8" Sweep:	630612	☼
Stub 1.5" round to 1" square	10" 25° Unloader to 8" Sweep:	1036884	☼
Stub 1" round to 1" square	6" Low boy to 6" Sweep	6840D	☼
Stub 1.5" round to 2" round to 1.25" square	12" 25° Unloader to 10" Sweep	1036886	☼
Adapter Plate: 6" to 8"		1016807	☼
Adapter Plate: 8" to 10"		1022687	☼
Adapter Plate: 10" to 12"		2203J	☼
Stub - 1.5" round to 1.25" round		2830D	☼
Stub - 1.25" round to 1" round		1022815	☼

Standard Klean Sweeps include Flight and Shield in sections no longer than 9'-9 3/4" long. Sweeps for 48' bins and larger include a Sweep Carrier Assembly. Additional carriers can be ordered.

Center portion of sweep to be used prior to adding subsequent sections until the entire sweep has been assembled and the bin unloaded.

810 SERIES COMMERCIAL KLEAN SWEEP FLIGHT, SHIELD, REDUCTION WHEEL AND DRIVE

SECTIONS	HP	BIN DIA.	WEIGHT	LENGTH	PART#	PRICE
2	3	24'	338	11'-4 1/2"	BK10241SD	★
2	3	27'	347	12'-10 1/2"	BK10271SD	★
2	3	30'	361	14'-2 3/4"	BK10301SD	★
2	3	33'	381	15'-10 1/2"	BK10331SD	★
2	3	34'	385	16'-5"	BK10341SD	★
2	3	36'	395	17'-4 3/4"	BK10361SD	★
2	3	37'	399	17'-11"	BK10371SD	★
2	3	39'	409	18'-10 3/4"	BK10391SD	★
2	3	40'	413	19'-4 1/2"	BK10401SD	★
2	3	42'	428	20'-5"	BK10421SD	★
3	5	48'	512	23'-5"	BK10481SD	★
3	5	49'	522	23'-10 1/4"	BK10491SD	★
3	5	54'	545	26'-5 1/4"	BK10541SD	★
3	5	55'	550	26'-10 1/4"	BK10551SD	★
3	5	60'	570	29'-5 1/4"	BK10601SD	★



7" O.D. 7ga, Flight on 1.9" tube.
Drive includes 2:1 Oil Bath Reducer
with belts and 10" driven pulley.
Capacity Rated at ~520 BPH per 100 RPM

Desired Size to Match	BPH	1750 Motor Pulley	Driven Pulley	RPM
8" Unload System	1,591	3.5" O.D.	10.0" O.D.	306
10" Unload System	2,049	4.5" O.D.	10.0" O.D.	394

COMMERCIAL BIN UNLOAD POWER HEADS

8" HORIZONTAL POWER HEAD DIRECT BELT DRIVE

BIN DIA	# BELTS	MAX HP	WT	PART#	PRICE
24'-48'	2	7.5	86	BJ08240DH	☼
54'-78'	3	15	91	BJ08540DH	☼

8"x24" 14ga. Galvanized tube with flange. Head flight is 7ga. mounted on 1.9" O.D. tube. 15" auger sheave. Use 3-1/2" O.D. motor sheave for 408 rpm. Capacity up to 2000 BPH.

10" HORIZONTAL POWER HEAD DIRECT BELT DRIVE

BIN DIA	# BELTS	MAX HP	WT	PART#	PRICE
24'-63'	2	10	200	BJ10240DH	☼
68'-92'	3	15	165	BJ10680DH	☼
92' +	4	20	175	BJ10930DH	☼

10"x30" 12ga. Galvanized tube with flange. Head flight is 1/4" mounted on 2-3/8" O.D. tube. 18.4" P.D. auger sheave. Use 4.6" P.D. motor sheave for 438 rpm. Capacity up to 4000 BPH.

10" HORIZONTAL POWER HEAD REDUCER CHAIN DRIVES

BIN DIA	# BELTS	MAX HP		WT	PART#	PRICE
		3.8" P.D.	4.6" P.D.			
24'-48'	2	7.5	10	198	BJ1024DHR	☼
54'-78'		10	15	202	BJ1048DHR	☼
24'-92'	4	25 HP WITH 5.0" P.D.		315	BJ1048DGR	☼

10"x30" 12ga. Galvanized tube with flange. Head flight is 1/4" mounted on 2-3/8" O.D. tube. 7.4" driven sheave. Use 3.8" P.D. for 312 rpm & capacity up to 3500 BPH or 4.6" P.D. for 375 rpm & capacity up to 4000 BPH.

8" to 10" HEAVY DUTY 25° BIN UNLOADERS (2,500 BPH)

# BELTS	MAX HP	WT.	PART#	PRICE
3	10	266	B126710B	☼
4	15	276	B126720B	☼

Includes a 25° "box" transfer unit containing a short flight between u-joints, 10" x 12ga. galvanized inclined tube 5' long with auger, motor mount, direct drive with 15.0" O.D. sheave, belts, guard and support stand. Attaches to an 8" flanged bin unloading tube and auger, or to an 8" power sweep. Use 4.0 O.D. motor sheave for 467 rpm.

10" TO 12" HEAVY DUTY 25° BIN UNLOADERS (4,000 BPH)

# BELTS	MAX HP	WT	PART#	PRICE
3	15	360	B136710B	☼
4	25	370	B136720B	☼

Includes a 25° "box" transfer unit containing a short flight between u-joints, 12" x 12ga. galvanized inclined tube 5' long with auger, motor mount, direct drive with 18.4" P.D. sheave, belts, guard and support stand. Attaches to a 10" flanged bin unloading tube and auger, or to a 10" power sweep. Use 4.6" P.D. motor sheave for 460 rpm.

12" POWER HEAD OPTIONS

12"x30" 12ga. Galvanized tube with flange. Head flight is 7ga mounted on 2-7/8" O.D. tube.

12" DIRECT DRIVE POWER HEAD (UP TO 6,000 BPH)

BIN DIA	# BELTS	MAX HP	WT	PART#	PRICE
24'-42'	2	10	200	BJ12240DH	☼
48'-68'	3	15	215	BJ12480DH	☼
72'-90'	4	20	225	BJ12720DH	☼

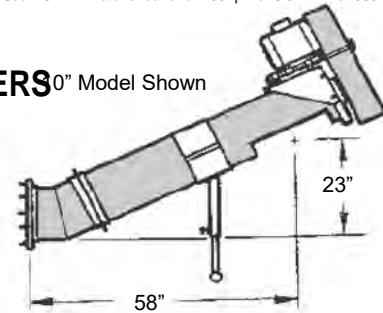
Includes 18.4" P.D. sheave. Use 4.2" P.D. motor sheave for 425 rpm.

12" 4:1 REDUCTION GEAR DRIVE POWER HEAD (UP TO 5,000 BPH)

BIN DIA	# BELTS	MAX HP		WT	PART#	PRICE
		4.6" P.D.	6.0" P.D.			
24'-42'	2	10		200	BJ12240DGR	☼
24'-90'	2		15			
42'-68'		15		300	BJ12480DGR	☼
68'-90'			20			
92'-120'	4	25		305	BJ12920DGR	☼

Includes 7.4" P.D. sheave. Use 4.6" P.D. motor sheave for 280 rpm or 6.0" P.D. for 360 rpm.

HEAVY DUTY 25° BIN UNLOADERS 30" Model Shown



12" TO 14" HEAVY DUTY 25° BIN UNLOADERS (5,000 - 6,000 BPH)

DRIVE	MAX HP	DRIVEN PULLEY	RPM	WT	PART#	PRICE
4:1 Red. 3B	20	7.4" P.D.	300	540	B14631B	☼
4:1 Red. 4B	25	7.4" P.D.	300	550	B14641B	☼

Includes a 25° "box" transfer unit containing a short flight between u-joints, 14" x 12ga. painted inclined tube 5' long with auger, motor mount, direct drive or gear reducer drives, sheaves, belts, guard and support stand. Attaches to a 12" flanged bin unloading tube and auger.

DOUBLE DRIVE VERTICAL BIN UNLOADING AUGERS

These unloaders use a separate electric motor drive on the horizontal and vertical sections. The vertical part uses a direct belt drive on all sizes located at the bottom. On 8" & 10" models a direct belt drive is used for the horizontal part. For 10" units a 2:1 reduction oil bath chain drive is available for the horizontal. A gear reduction drive is standard on 12" sizes for the horizontal. All unloaders include a 16'6" tall vertical auger and a horizontal section with flange to attach to a bin unloading tube and flight or to a power sweep. There is a discharge spout with 3' of solid tube attached and a mounting bracket to connect the vertical to a bin.

6"-8" DOUBLE DRIVE VERTICAL BIN UNLOADERS (UP TO 2,000 BPH)

Use a 2B 4.5" O.D. motor sheave on the 5HP motor required for the vertical drive. Order the horizontal flight separately for the desired bin size (see following pages). Use the power listed there for a horizontal unloader. Use a 2B 4.0" O.D. motor sheave when connected to a power sweep and a motor specified for that particular horizontal power head. Capacity up to 2,000 BPH.

Max. Horizontal Power	WT.	PART#	PRICE
7.5 hp	420	BJ12516A	☼

8"-10" Double Drive Vertical Bin Unloaders - Direct Belt Drive (UP TO 3,500 BPH)

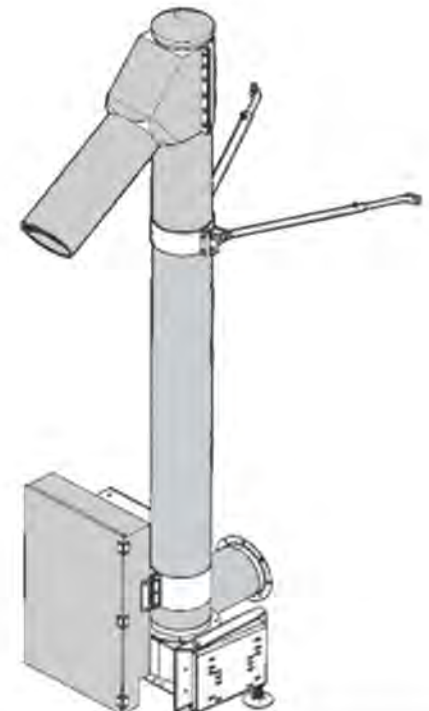
Use a 2B 4.0" O.D. motor sheave on the 7.5HP motor required for the vertical drive. Order an 8" or 10" horizontal flight separately for the desired bin size (see following pages). Use the power listed there for a horizontal unloader. Use a 2B 4.0" O.D. motor sheave when connected to a power sweep and a motor specified for that particular horizontal power head. Capacity up to 3,500 BPH.

DESCRIPTION	MOTOR SHEAVE	Max. Horizontal Power	WT.	PART#	PRICE
Direct Belt Drive for 8" Horz.	2B 4.5" O.D.	10	495	BJ13518A	☼
Direct Belt Drive for 8" Horz.	3B 4.5" O.D.	15	500	BJ13518B	☼
Direct Belt for 10" Horz	3B 3.0" O.D.	10	567	BJ12480ADV	☼

10"-12" Double Drive Vertical Bin Unloaders - Direct Belt Drive (UP TO 5,000 BPH)

Use a 3B 4.0" O.D. motor sheave on the 10 HP motor required for the vertical drive. Order a 10" or 12" horizontal flight separately for the desired bin size (see following pages). Use the power listed there for a horizontal unloader. When connected to a power sweep, use the power listed there for the horizontal power head. Capacity up to 5,000 BPH.

DESCRIPTION	MOTOR SHEAVE	Max. Horizontal Power	WT.	PART#	PRICE
Gear Red. Drive for 10" Horz.	2B 6.0" O.D.	10	654	BJ12240BDV	☼
Gear Red. Drive for 10" Horz.	3B 6.0" O.D.	15	664	BJ12480BDV	☼
Gear Red. Drive for 10" Horz.	4B 6.0" O.D.	25	674	BJ12720BDV	☼
Gear Red. Drive for 12" Horz.	3B 4.6" O.D.	15	662	BJ12481BDV	☼
Gear Red. Drive for 12" Horz.	4B 4.6" O.D.	25	672	BJ12721BDV	☼



COMMERCIAL BIN WELLS

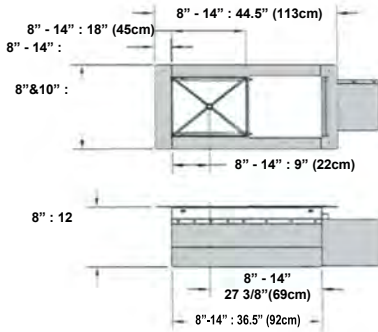
All bin wells are constructed of heavy gauge painted material and furnished with heavy full gates that operate on rollers.

Rack & pinion openers are available for center and intermediate wells.

CONTROL PIPE KITS FOR COMMERCIAL BIN

CENTER BIN WELLS

SIZE	WT.	PART#	PRICE
8"	116	BJ0813W	☼
10"	127	BJ1023W	☼
12"	140	BJ1213W	☼
14"	162	BJ1413W	☼

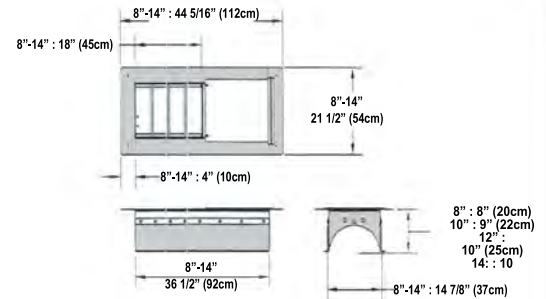


WELLS

BIN DIA	WT.	PART#	PRICE
24"	37	BJ12240C	☼
27"	38	BJ12270C	☼
30"	40	BJ12300C	☼
33'-34"	43	BJ12340C	☼
36"	56	BJ12360C	☼
37'-39"	60	BJ12390C	☼
40"	61	BJ12400C	☼
42"	64	BJ12420C	☼
48'-49"	73	BJ12490C	☼
54'-55"	82	BJ12550C	☼
60"	92	BJ12600C	☼
63"	96	BJ12630C	☼
68'-69"	99	BJ12690C	☼
72"	102	BJ12720C	☼
75"	106	BJ12750C	☼
78"	111	BJ12780C	☼
80"	113	BJ12800C	☼
82"	116	BJ12820C	☼
90"	123	BJ12900C	☼
92"	150	BJ12920C	☼
105'	171	BJ12970C	☼
113'	208	BJ12980C	☼
120'	217	BJ12990C	☼

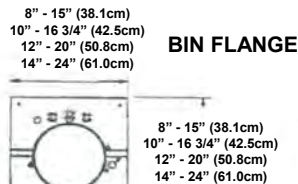
INTERMEDIATE BIN WELLS

SIZE	WT.	PART#	PRICE
8"	81	BJ0814W	☼
10"	83	BJ1024W	☼
12"	100	BJ1214W	☼
14"	107	BJ1414W	☼

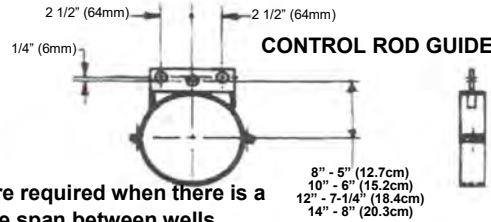


Standard control pipe kit construction has one 1/2" pipe to the center well only. An additional 1/2" pipe on each side of the center gate pull allows individual control of intermediate wells. Each kit may be used on 8", 10" or 12" systems and includes the pipe necessary to control the gates as indicated.

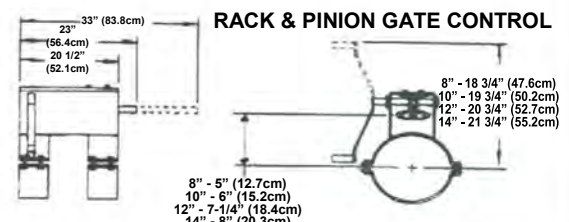
BIN WELL ACCESSORIES



BIN FLANGE



CONTROL ROD GUIDE



RACK & PINION GATE CONTROL

These are required when there is a large span between wells.

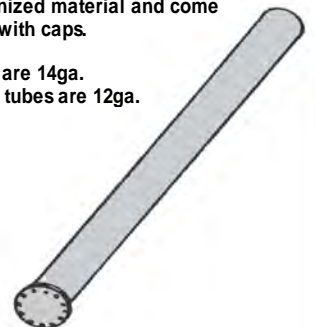
ACCESSORY	8"			10"			12"			14"		
DESCRIPTION	WT.	PART#	PRICE	WT.	PART#	PRICE	WT.	PART#	PRICE	WT.	PART#	PRICE
BIN FLANGE	5	B1219C	✱	7	BJ1011W	✱	8	BJ1201W	✱	10	BJ1401W	✱
R & P -18" STROKE	36	BJ0806W	✱	37	PA101509	✱	38	BJ1206W	✱	42	BJ1402W	✱
CTRL ROD GUIDE	3	BJ0805W	✱	3	BJ1015W	✱	4	BJ1205W	✱	6	BJ1405W	✱

COMMERCIAL UNLOADING TUBES

BIN DIA	LENGTH	# WELLS	8"			10"			12"		
			WT.	PART#	PRICE	WT.	PART#	PRICE	WT.	PART#	PRICE
24'	12'-9"	2	89	BT081209	☼	152	BT101209	☼	186	BT121209	☼
27'	14'-3"	2	99	BT081403	☼	169	BT101403	☼	207	BT121403	☼
30'	15'-9"	2	109	BT081509	☼	186	BT101509	☼	228	BT121509	☼
33'-34'	17'-9"	2	122	BT081709	☼	209	BT101709	☼	255	BT121709	☼
36'	18'-9"	3	129	BT081809	☼	221	BT101809	☼	269	BT121809	☼
37'-39'	20'-3"	3	139	BT082003	☼	238	BT102003	☼	290	BT122003	☼
40'	20'-9"	3	142	BT082009	☼	244	BT102009	☼	297	BT122009	☼
42'	21'-9"	4	149	BT082109	☼	255	BT102109	☼	310	BT122109	☼
48'-49'	25'-3"	4	172	BT082503	☼	295	BT102503	☼	358	BT122503	☼
54'-55'	28'-3"	4	192	BT082803	☼	330	BT102803	☼	400	BT122803	☼
60'	30'-9"	4	227	BT083009	☼	398	BT103009	☼	473	BT123009	☼
63'	32'-3"	4	237	BT083203	☼	408	BT103203	☼	493	BT123203	☼
68'-69'	35'-3"	4	257	BT083503	☼	442	BT103503	☼	535	BT123503	☼
72'	36'-9"	4	267	BT083609	☼	460	BT103609	☼	556	BT123609	☼
75'	38'-3"	4	277	BT083803	☼	477	BT103803	☼	576	BT123803	☼
78'	39'-9"	4	287	BT083909	☼	494	BT103909	☼	597	BT123909	☼
80'	40'-9"	4	n/a	n/a	n/a	505	BT104009	☼	611	BT124009	☼
82'	41'-9"	4	n/a	n/a	n/a	534	BT104109	☼	645	BT124109	☼
90'	45'-9"	4	n/a	n/a	n/a	562	BT104509	☼	680	BT124509	☼
92'	46'-9"	5	n/a	n/a	n/a	574	BT104609	☼	694	BT124609	☼
105'	53'-3"	5	n/a	n/a	n/a	n/a	n/a	n/a	783	BT125303	☼
113'	57'-3"	6	n/a	n/a	n/a	n/a	n/a	n/a	840	BT125703	☼
120'	60'-9"	6	n/a	n/a	n/a	n/a	n/a	n/a	926	BT126009	☼

All unloading tubes are constructed of galvanized material and come flanged with caps.

8" tubes are 14ga.
10" & 12" tubes are 12ga.



14" COMMERCIAL BIN UNLOAD KITS

Kits include unloading tube, flight, center well, intermediate wells, rack & pinion control for well gates, connecting pipes, and bin flange.

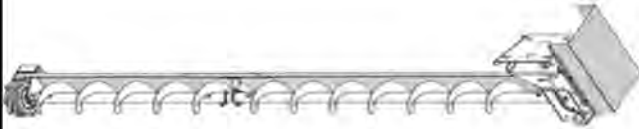
BIN DIA	# WELLS	LENGTH	BIN CTR TO FLANGE	PART#	PRICE
36"	3	18'-9"	21'-0"	BW14361	☼
42"	3	21'-9"	24'-0"	BW14421	☼
48"	4	24'-9"	27'-0"	BW14481	☼
54"	4	27'-9"	30'-0"	BW14541	☼
60"	4	30'-9"	33'-0"	BW14601	☼
72"	5	36'-9"	39'-0"	BW14721	☼
75"	5	38'-9"	41'-0"	BW14751	☼
78"	5	39'-9"	42'-0"	BW14781	☼
90"	6	45'-9"	48'-0"	BW14901	☼
92"	6	46'-9"	49'-0"	BW14921	☼

14" COMMERCIAL POWER HEADS

DESCRIPTION	PART#	PRICE
Reducer drive, 3-belt, bins 36'-72'	BJ1436DHR	☼
Reducer drive, 4-belt, bins 75'-92'	BJ1475DHR	☼

Commercial Klean Sweeps include Flight and Shield in sections no longer than 9'-9 3/4" long. Sweeps for 48' bins and larger include a Sweep Carrier Assembly. Additional carriers can be ordered. Center portion of sweep to be used prior to adding subsequent sections until the entire sweep has been assembled and the bin unloaded.

1012 SERIES COMMERCIAL KLEAN SWEEP FLIGHT, SHIELD, REDUCTION WHEEL AND DRIVE



9" O.D. 1/4" Flight on 2 7/8" tube
Drive includes 3:1 Oil Bath Reducer
Capacity rated at ~ 1280 BPH per 100 RPM

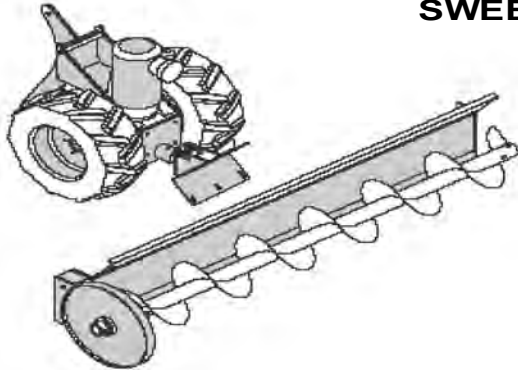
SECTIONS	HP	BIN DIA.	WT.	LENGTH	PART#	PRICE
2	3	24'	490	11'-5 5/8"	BK12242SW	☺
2	3	27'	505	12'-11 5/8"	BK12272SW	☺
2	3	30'	547	14'-3 7/8"	BK12302SW	☺
2	3	33'	547	15'-11 5/8"	BK12332SW	☺
2	3	34'	554	16'-6 1/8"	BK12342SW	☺
2	3	36'	568	17'-5 7/8"	BK12362SW	☺
2	3	37'	571	18'-1/8"	BK12372SW	☺
2	5	39'	585	18'-11 7/8"	BK12392SW	☺
2	5	40'	590	19'-5 5/8"	BK12402SW	☺
2	5	42'	604	20'-6 1/8"	BK12422SW	☺
3	5	45'	711	22'-1/8"	BK12452SW	☺
3	5	48'	734	23'-6 1/8"	BK12482SW	☺
3	5	49'	743	23'-11 3/8"	BK12492SW	☺
3	5	54'	774	26'-6 3/8"	BK12542SW	☺
3	5	55'	783	26'-11 3/8"	BK12552SW	☺
3	7 1/2	60'	727	29'-6 3/8"	BK12602SW	☺
4	7 1/2	63'	750	31'-1"	BK12632SW	☺
4	7 1/2	68'	785	33'-6 3/4"	BK12682SW	☺
4	7 1/2	69'	906	34'-0"	BK12692SW	☺
4	7 1/2	72'	810	35'-4 3/8"	BK12722SW	☺
4	7 1/2	75'	827	37'-1"	BK12752SW	☺
4	10	78'	849	38'-7 1/4"	BK12782SW	☺
4	10	80'	863	40'-1/2"	BK12802SW	☺
4	10	82'	880	40'-6 3/4"	BK12822SW	☺
5	10	90'	974	44'-7 3/8"	BK12902SW	☺
5	10	92'	1022	45'-7 1/8"	BK12922SW	☺
6	10	105'	1101	51'-6 1/8"	BK12972SW	☺
6	10	113'	1237	55'-6 1/8"	BK12982SW	☺

LENGTH: CENTER OF BIN TO OUTSIDE OF SWEEP WHEEL

Center sweep carrier(s) provided on 48' through 82' diameter bins. Two carriers are furnished with units for 90' bins and larger.

Desired Size to Match	BPH	1750 Motor	Driven Pulley	RPM
10" Unload System	3,200	5.0" O.D.	12.0" O.D.	250
12" Unload System	3,712	6.0" O.D.	12.0" O.D.	290

1214 SERIES COMMERCIAL KLEAN SWEEP FLIGHT, SHIELD, KLEAN SWEEP TRACTOR AND DRIVE



12" O.D. 1/4" Flight on 2 7/8" tube.
Drive include 3:1 Oil Bath Gear Reducer -
80' through 120' diameter bins.
Motor Pulley NOT included. Pivot pin support is Ø1"
Capacity rated at ~ 2700 BPH per 100 RPM

SECTIONS	HP	BIN DIA.	WT.	LENGTH	PART#	PRICE
2	7 1/2	36'	1158	17'-1"	BK4362SD6	☺
2	7 1/2	37'	1167	17'-7"	BK4372SD6	☺
2	7 1/2	40'	1195	19'-1"	BK4402SD6	☺
2	10	42'	1206	19'-9"	BK4422SD6	☺
2	10	43'	1227	20'-6"	BK4432SD6	☺
3	10	48'	1309	23'-0"	BK4482SD6	☺
3	10	49'	1315	23'-6"	BK4492SD6	☺
3	15	54'	1349	26'-0"	BK4542SD6	☺
3	15	55'	1358	26'-6"	BK4552SD6	☺
3	15	59'	1388	28'-7"	BK4592SD6	☺
3	15	60'	1393	29'-0"	BK4602SD6	☺
3	15	62'	1410	29'-8"	BK4622SD6	☺
4	15	68'	1546	33'-10"	BK4682SD6	☺
4	15	72'	1567	34'-10"	BK4722SD6	☺
4	15	75'	1599	36'-5"	BK4752SD6	☺
4	15	78'	1618	37'-11"	BK4782SD6	☺
4	20	80'	1706	39'-0"	BK4802SD6	☺
5	20	88'	1925	42'-10"	BK4882SD6	☺
5	20	90'	1930	43'-8"	BK4902SD6	☺
5	20	92'	1940	44'-7"	BK4922SD6	☺
6	20	105'	2328	51'-1"	BK44052SD6	☺

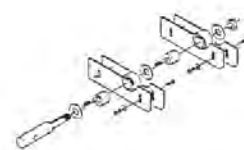
LENGTH: CENTER OF BIN TO OUTSIDE OF SWEEP WHEEL

Tractor includes reduction drive gearbox. For bin diameters of 60 ft. and greater, the tractor includes cast iron weights. For bin diameters 68' through 92', one sweep carrier is provided. Two carriers are furnished with units for 105' bins and larger.

Desired Size to Match	BPH	1750 Motor	Driven Pulley	RPM
12" Unload System w / 3:1 Chain Drive	3,942	3.0" O.D.	12.0" O.D.	146
12" Unload System w / 3:1 Chain Drive	4,590	3.5" O.D.	12.0" O.D.	170
12" Unload System w / 3:1 Chain Drive	5,886	4.5" O.D.	12.0" O.D.	170
12" Unload System w / 5:1 Chain Drive	4,887	4.6" O.D.	9.4" P.D.	181
12" Unload System w / 5:1 Chain Drive	5,292	5.0" O.D.	9.4" P.D.	196
12" Unload System w / 5:1 Chain Drive	5,886	5.6" O.D.	9.4" P.D.	218
12" Unload System w / 5:1 Chain Drive	6,102	6.0" O.D.	9.4" P.D.	226

SWEEP WALKER

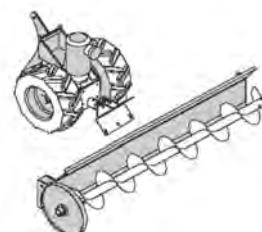
Description	Part#	Price
Sweep Walker for 68 series Commercial Klean Sweep	14338	★
Sweep Walker for 810 series Commercial Klean Sweep	14344	★
Sweep Walker for 1012 Commercial Klean Sweep	BK1201W	★



Tractors are driven by a gear motor separate from the Clean Sweep drive and can be operated from a separate control. Add to price of standard sweep.

TRACTOR FOR 1012 SERIES SWEEPS

Description	Part#	Price
Tractor with single phase TEFC Motor	BK1203W	★
Tractor with 208-230/460volt motor-3 phase	BK1205W	★
Tractor with 208-230/460 explosion proof motor-3 phase	BK1206W	★
Tractor with 575 volt motor-3 phase	BK1207W	★
Tractor with 380 volt explosion proof motor - 50 HZ	BK1209W	★



TRACTOR FOR 1214 SERIES SWEEPS

Description	Part#	Price
Tractor with single phase TEFC Motor	BK1403W	★
Tractor with 208-230/460volt motor-3 phase	BK1405W	★
Tractor with 208-230/460 explosion proof motor-3 phase	BK1406W	★
Tractor with 575 volt motor-3 phase	BK1407W	★
Tractor with 380 volt explosion proof motor - 50 HZ	BK1409W	★

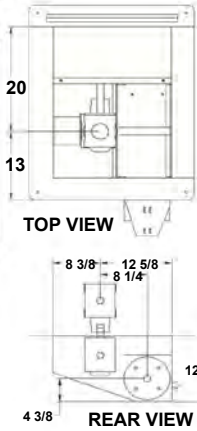
All Series 1012 Sweeps and Series 1214 36'-59' tractors do not include weights. Two tractor weights are included with 60'-80' bin sweeps and four tractor weights are included with 88'-120' bin sweeps.

SWEEP TRACTOR WEIGHTS	Part#	Price
50 lb Cast Iron Weight	BK1411W	★



8" HEAVY DUTY POWER SWEEP KITS

Utilizes 7" O.D. x 7 ga. sweep flight on 1-7/8" tube. 7" O.D. x 1/4" unload flight on 1-7/8" tube. Includes heavy duty double gearbox and clutch. Each kit includes unloading tube, unloading flight, center well, intermediate wells, rack & pinion controlled well gates, control pipes for well gates, sweep flight with back shields, sweep carrier (48' & larger bins), and reduction drive sweep end wheel.

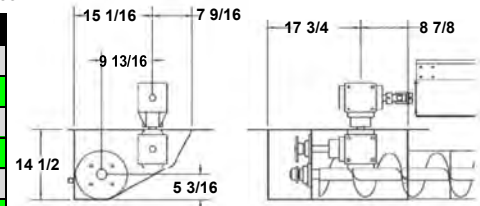


Bin Dia.	# Int. Wells	HP	Weight	Part #	Price
30'	2	7.5	779	BJ12761P	★
36'	3	7.5	1,014	BJ12781P	★
42'	4	10	1,139	BJ12801P	★
48'	4	10	1,276	BJ12811P	★
54'	4	10	1,379	BJ12821P	★
60'	5	15	1,444	BJ12831P	★



Utilizes 9 3/8" O.D. x 1/4" sweep flight on 2-7/8" tube. 9" O.D. x 1/4" unload flight on 2-3/8" tube. Larger step drive gearbox with No. 60 R.C. Drive. Square stub at center well for attachment to unload auger. Each kit includes unloading tube, unloading flight, center well, intermediate wells, rack & pinion controlled well gates, control pipes for well gates, sweep flight with back shields, sweep carrier (48' & larger bins), and reduction drive sweep end wheel.

Bin Dia.	# Int. Wells	HP	Weight	Part #	Price
30'	-	10	1,038	BJ13763P	★
36'	3	15	1,119	BJ13783P	★
42'	4	15	1,347	BJ13803P	★
48'	4	15	1,420	BJ13813P	★
54'	4	20	1,511	BJ13823P	★
60'	5	15	1,713	BJ13833P	★



END

COMMERCIAL POWER SWEEPS (INCLUDES NEW SWEEP END-WHEEL)

Commercial Power Sweeps may be adapted to grain pump loops, auger unloaders, u-trough, en masse, drag conveyors or other special applications. The standard sweep unit drive is separate from the rest of the unit and is 90° to the unloader. When grain will no longer unload through the center and intermediate wells, the separate Power Sweep drive motor is started and operates on a 1" solid drive shaft with 1" bearings in a 6" tube. The sweep and back shield are supplied in sections. Center portion of sweep to be used prior to adding subsequent sections until the entire sweep has been assembled and the bin unloaded. Commercial Power Sweeps should not be installed in concrete unless troughs or tunnels are used for the drive and the unloading components. One Sweep carrier assembly is standard with all units of 48' and larger.

Each Commercial Power Sweep consists of a center well, intermediate wells, sweep, sweep drive, well gate controls and reduction sweep wheel. Specify one of the following unload systems: tube type, u-trough or mass-ter mover. * Auger unloaders require a tube cap.

600 SERIES FOR 6" TUBE TYPE UNLOADER

Bin Dia.	# Int. Wells	HP	Weight	Part #	Price
36'	3	3	942	P06362P	★
42'	4	3	1,061	P06422P	★
48'	4	5	1,151	P06482P	★
54'	4	5	1,212	P06542P	★
60'	5	5	1,303	P06602P	★

800 SERIES FOR 8" TUBE TYPE UNLOADER

Bin Dia.	# Int. Wells	HP	Weight	Part #	Price
36'	3	5	1,102	P08363P	★
42'	4	5	1,289	P08423P	★
48'	4	7.5	1,336	P08483P	★
54'	4	7.5	1,402	P08543P	★
60'	5	7.5	1,605	P08603P	★

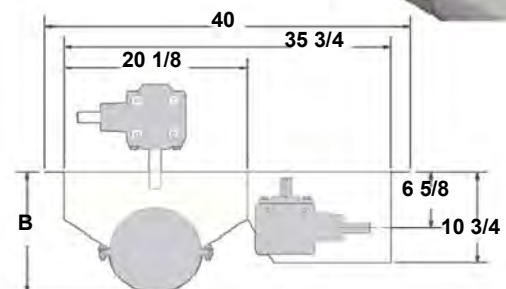
1000 SERIES FOR 10" TUBE TYPE UNLOADER (for 13"

Bin Dia.	# Int. Wells	HP	Weight	Part #	Price
36'	3	5	999	P10364P**	★
42'	4	5	1,090	P10424P**	★
48'	4	7.5	1,307	P10484P**	★
54'	4	7.5	1,404	P10544P**	★
60'	5	7.5	1,502	P10604P**	★

**Note: 10" Power sweeps for 15" floors add "-15" to Catalog No.

1200 SERIES FOR 12" TUBE TYPE UNLOADER

Bin Dia.	# Int. Wells	HP	Weight	Part #	Price
36'	3	5	1,031	P12363P	★
42'	4	5	1,132	P12423P	★
48'	4	7.5	1,348	P12483P	★
54'	4	7.5	1,443	P12543P	★
60'	5	7.5	1,538	P12603P	★



UNLOADING DIAMETER	B
6"	10.5"
8"	12.5"
10"	14.5"

AUGER SPEED CHART

SPEED OF AUGER W/ 1750 RPM MOTOR

DRIVE SHEAVE	DRIVEN SHEAVE	AUGER RPM
3"	9"	583
3"	12"	438
3"	15"	350
3"	18"	292
3.5"	9"	681
3.5"	12"	510
3.5"	15"	408
3.5"	18"	340
3.4"	9"	778
3.4"	12"	583
3.4"	15"	467
3.4"	18"	389
3.4"	18.4"	3232
3.8"	9"	875
3.8"	12"	655
3.8"	15"	526
3.8"	18"	438
4.6"	9"	972
4.6"	12"	729
4.6"	15"	583

MOTOR HP RECOMMENDATIONS

HORIZONTAL AUGERS

AUGER LENGTH	6"	8"	10"	12"
	900-1200 BPH	1500-2000 BPH	2500-3500 BPH	4000-5000 BPH
10'	1.5 HP	2 HP	2 HP	3 HP
15'	1.5HP	2 HP	2 HP	3 HP
25'	2 HP	3 HP	3 HP	5 HP
35'	2 HP	3 HP	5 HP	5 HP
40'	3 HP	3 HP	5 HP	7.5 HP
45'	3 HP	3 HP	5 HP	7.5 HP
50'	5 HP	5 HP	7.5 HP	10 HP
70'	5 HP	5 HP	7.5 HP	15 HP
80'	5 HP	7.5 HP	10 HP	15 HP
110'	7.5 HP	10 HP	15 HP	

VERTICAL AUGERS

AUGER LENGTH	6"	8"	10"	12"
	900-1200 BPH	1500-2000 BPH	2500-3500 BPH	4000-5000 BPH
10'	2 HP	2 HP	3 HP	5 HP
12'	2 HP	2 HP	3 HP	5 HP
15'	2 HP	3 HP	5 HP	5 HP
20'	2 HP	5 HP	5 HP	7.5 HP
25'	3 HP	5 HP	7.5 HP	7.5 HP
35'	5 HP	7.5 HP	7.5 HP	10 HP
40'	5 HP	7.5 HP	10 HP	10 HP
45'	7.5 HP	10 HP	10 HP	15 HP
50'	7.5 HP	10 HP	15 HP	
60'	10 HP	15 HP		

Horse Power requirements vary with the condition and kind of material, loading factor, RPM and use of reduction. Contact Premier with the details of your conveying job and we will be glad to assist you. Use a 1.5 multiplier for HP requirements for conveying medium with a high moisture content.

CAPACITIES AND POWER REQUIREMENTS

The below ratings are established in horizontal position using a 45% loading factor based upon dry grains including barley, bran, brewers grain, shelled corn, corn germ, corn meal, cottonseed meal, malt, maize, oats, rice, rye, soybeans, timothy, wheat and cracked wheat. For 100% loading, double both the stated B.P.H. and the H.P. requirements. After figuring the requirements show below, use the next size motor up for vertical augers and those moving wet grain (or a material using a higher power factor than dry corn). If any doubts exist in H.P. requirements, please contact a Premier representative for assistance.

Auger Specs.	BPH per 100rpm	HP req'd per 10' per 100rpm
4" w/ 3 1/4" O.D. Flight	30 BPH	.05 HP
6" w/ 5" O.D. Flight	100 BPH	.13 HP
8" w/ 7" O.D. Flight	260 BPH	.25 HP
10" w/ 9" O.D. Flight	700 BPH	.45 HP
12" w/ 11" O.D. Flight	1300 BPH	.65 HP
14" w/ 13" O.D. Flight	1800 BPH	.9 HP

AUGER SPEED CHART

GEAR REDUCERS WITH 4:1 RATIO & 1750 RPM MOTOR

DRIVE SHEAVE		DRIVEN SHEAVE		AUGER
P.D.	O.D.	P.D.	O.D.	RPM
	3.0		12.0	
4.6	5.0		12.0	110
4.6	5.0		15.0	130
3.8	4.2	8.6	12.0	148
4.6	5.0	8.6	9.0	185
4.6	5.0	7.4	9.0	208
4.6	5.0	6.4	7.8	250
4.6	5.0	5.6	6.8	285
4.6	5.0	4.6	6.0	327
	5.0		5.0	370

AUGER SPEED CHART

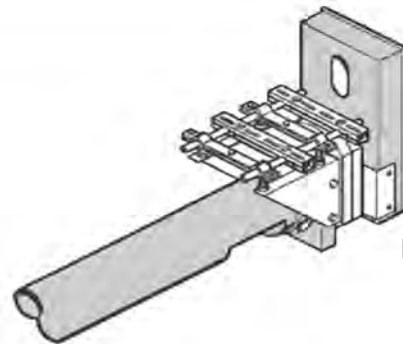
GEAR REDUCERS WITH 5:1 RATIO & 1750 RPM MOTOR

DRIVE SHEAVE		DRIVEN SHEAVE		AUGER
P.D.	O.D.	P.D.	O.D.	RPM
3.8	4.2	15.4	15.8	94
4.6	5.0	15.4	15.8	123
4.2	4.6	15.4	15.8	103
3.8	4.2	12.4	12.8	116
4.2	4.6	12.4	12.8	127
4.6	5.0	12.4	12.8	139
5.6	6.0	12.4	12.8	167
5.0	5.4	12.4	12.8	150
6.0	6.4	12.4	12.8	178
4.6	5.0	9.4	9.8	181
5.0	5.4	9.4	9.8	193
5.6	6.0	9.4	9.8	218
6.0	6.4	9.4	9.8	232
6.4	6.8	9.4	9.8	247
4.6	5.0	7.4	7.8	227
5.6	6.0	7.4	7.8	273
6.0	6.4	7.4	7.8	291
6.4	6.8	7.4	7.8	309
6.4	6.8	6.4	6.8	355

GENERAL CAPACITIES FOR SCREW CONVEYORS

Capacities listed are based on horizontal conveying of clean, dry corn at ~90% load. Capacities will vary according to grain type, condition and loading method.

AUGER	SHEAVE O.D.	RPM	CAPACITY PER 100 RPM (90% LOAD)	NET capacity at stated RPM	% LOSS FOR ANGLE OF OPERATION		% LOSS FOR INCREASE MOISTURE
4"	2.5" - 5"	875	60 BPH	525 BPH	Approximately 20% loss unless unit is pressure fed	Approximately 50% loss unless unit is pressure fed	25% Moisture grain can result in approximately 40% loss in capacity
	2.5" - 8"	547	60 BPH	328 BPH			
	2.5" - 10"	437	60 BPH	262 BPH			
	2.5" - 12"	365	60 BPH	219 BPH			
	2.5" - 14"	312	60 BPH	187 BPH			
6"	3" - 12"	438	250 BPH	1095 BPH			
	3.5" - 12"	510	250 BPH	1275 BPH			
	3.5" - 15"	408	250 BPH	1020 BPH			
	3" - 15"	350	250 BPH	875 BPH			
	3.5" - 15"	204	250 BPH	510 BPH			
8"	3" - 12"	438	500 BPH	2190 BPH			
	3.5" - 15"	350	500 BPH	1750 BPH			
	3.5" - 12"	170	500 BPH	850 BPH			
	5" - 12"	243	500 BPH	1215 BPH			
10"	3" - 15"	350	1100 BPH	3850 BPH			
	5" - 12"	243	1100 BPH	2673 BPH			
	3.5" - 15"	136	1100 BPH	1496 BPH			
12"	3" - 15"	350	1800 BPH	6300 BPH			
	5" - 12"	243	1800 BPH	4378 BPH			
	3.5" - 15"	136	1800 BPH	2448 BPH			
	5-7.4" PD	280	1800 BPH	5040 BPH			
14"	3.5-11" PD	127	3200 BPH	4064 BPH			
	5-11" PD	200	3200 BPH	6400 BPH			
	7.4"-11" PD	294	3200 BPH	9400 BPH			



**HEAVY-DUTY REDUCER
DRIVE SHOWN**

CUSTOM BUILT DISTRIBUTING AUGER DRIVES

Selection will depend on application and speed requirements. Drives are mounted at discharge end unless specified at intake end. Drives include head plate with bearing or reduction unit, driven pulley, belts and belt guard. Driver pulleys not included in kit, sold separately.

Auger Size	Drive Type	# of Belts	HP Rating	Required Driver Pulley	Driven Pulley	Flight RPM	Wt. lbs	Part #	Price
6"	Standard Duty	2	5 HP	3"	12.0" O.D.	438	40	H16010AX	★
	Standard Duty	3	7 1/2 HP	3"	12.0" O.D.	438	43	H16020AX	★
	Standard Duty	2	5 HP	3"	15.0" O.D.	350	50	H16710AX	★
	Standard Duty	3	7 1/2 HP	3"	15.0" O.D.	350	52	H16720AX	★
	Heavy Duty	2	5 HP	3"	15.0" O.D.	350	66	H1601HX	★
	Heavy Duty	3	10 HP	3"	15.0" O.D.	350	70	H1602HX	★
	Heavy Duty	2	5 HP	3"	18.4" P.D.	279	72	H1670HX	★
	Heavy Duty	3	10 HP	3"	18.4" P.D.	279	76	H1671HX	★
	HD 2:1 Chain	3	10 HP	3.5"	15.0" O.D.	204	123	H1602CX	★
8"	Standard Duty	2	5 HP	3.4" P.D.	15.0" O.D.	443	57	H18010AX	★
	Standard Duty	3	10 HP	3.4" P.D.	15.0" O.D.	443	60	H18020AX	★
	Heavy Duty	2	5 HP	3.4" P.D.	15.0" O.D.	443	76	H1801HX	★
	Heavy Duty	3	10 HP	3.4" P.D.	15.0" O.D.	443	78	H1802HX	★
	Heavy Duty	2	5 HP	3.4" P.D.	18.4" P.D.	323	82	H1870HX	★
	Heavy Duty	3	10 HP	3.4" P.D.	18.4" P.D.	323	84	H1871HX	★
	HD 3:1 Chain	2	10 HP	5.0" O.D.	12.0" O.D.	243	128	H1801CX	★
	HD 3:1 Chain	3	15 HP	5.0" O.D.	12.0" O.D.	243	129	H1802CX	★
	HD 3:1 Chain	3	10 HP	3.5" O.D.	12.0" O.D.	179	128	H1802C1X	★
	HD 3:1 Chain	3	10 HP	3.5" O.D.	15.0" O.D.	136	129	H1802C2X	★
10"	Heavy Duty	2	5 HP	3.0" O.D.	15.0" O.D.	350	104	H2000HX	★
	Heavy Duty	3	10 HP	3.0" O.D.	15.0" O.D.	350	107	H2001HX	★
	Heavy Duty	4	15 HP	3.4" P.D.	15.4" P.D.	350	135	H2002HX	★
	Heavy Duty	2	5 HP	3.0" O.D.	18.4" P.D.	280	104	H2070AX	★
	Heavy Duty	3	10 HP	3.0" O.D.	18.4" P.D.	280	114	H2071AX	★
	HD 3:1 Chain	2	10 HP	5.0" O.D.	12.0" O.D.	243	127	H2000CX	★
	HD 3:1 Chain	3	15 HP	5.0" O.D.	12.0" O.D.	243	128	H2001CX	★
	HD 3:1 Chain	3	10 HP	3.5" O.D.	12.0" O.D.	170	128	H2001C1X	★
	HD 3:1 Chain	3	10 HP	3.5" O.D.	15.0" O.D.	136	132	H2001C2X	★
	HD Reducer 4:1	4	20 HP	5.0" O.D.	7.4" O.D.	280	186	H2002HRX	★
12"	Heavy Duty	2	5 HP	3.0" O.D.	18.4" P.D.	280	172	H2270AX	★
	Heavy Duty	3	10 HP	3.0" O.D.	18.4" P.D.	280	180	H2271AX	★
	HD 3:1 Chain	2	10 HP	5.0" O.D.	12.0" O.D.	243	126	H2200CX	★
	HD 3:1 Chain	3	15 HP	5.0" O.D.	12.0" O.D.	243	127	H2201CX	★
	HD 3:1 Chain	3	10 HP	3.5" O.D.	12.0" O.D.	170	127	H2201C1X	★
	HD 3:1 Chain	3	10 HP	3.5" O.D.	15.0" O.D.	136	131	H2201C2X	★
	HD Reducer 4:1	4	20 HP	5.0" O.D.	7.4" O.D.	280	222	H2202HRX	★
14"	HD Reducer 4:1	4	30 HP	5.0" O.D.	11" O.D.	280	250	H2402HRX	★

UNMOUNTED FLIGHTING

FLIGHT O.D.	FLIGHT I.D.	STRIP THICKNESS	PITCH OF FLIGHT	HANDING	WEIGHT lbs./ft	Price/ft
3.25"	1"	.117"	FULL	RIGHT	0.8	✱

4"	1"	.117"	FULL	RIGHT	1.3	✱
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5"	1"	.188"	FULL	RIGHT	2.0	✱
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5"	1.9"	.188"	FULL	RIGHT	2.0	✱
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7"	1.9"	.188"	FULL	RIGHT	2.8	✱
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7"	1.9"	.188"	FULL	LEFT	2.8	✱
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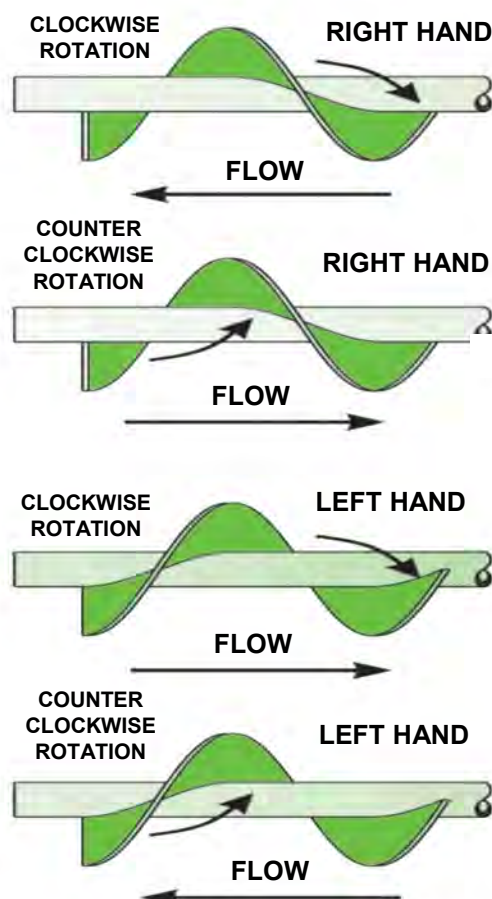
7"	1.9"	.250"	FULL	RIGHT	3.4	✱
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9"	2.38"	.188"	FULL	RIGHT	3.6	✱
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11.00"	2.88"	.188"	FULL	RIGHT	4.3	✱
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11"	2.88"	.250"	FULL	RIGHT	5.3	✱
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11.5"	2.88"	.250"	FULL	RIGHT	5.8	✱
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FLIGHT ASSEMBLIES

DESCRIPTION (EXTENSION FLIGHTS)	LENGTH	WEIGHT	PRICE	Part#
3" x 11ga. Flight on 1" tube for 13/16" connector	10ft	9	✱	F4011U
3" x 11ga. Flight on 1" tube for 13/16" connector	20ft	18	✱	F4020U
5" O.D. x .13" @ tip on 1.25" tube for 1" connector	10ft	42	✱	62109P
5" O.D. x .13" @ tip on 1.25" tube for 1" connector	20ft	84	✱	62110P
7" O.D. x .13" @ tip on 1.9" tube for 1.25" connector	10ft	58	✱	1018003
7" O.D. x .13" @ tip on 1.9" tube for 1.25" connector	20ft	110	✱	1018004P
9" O.D. x .20" @ tip on 2.375" tube for 1.5" connector	10ft	81	✱	62453P
9" O.D. x .20" @ tip on 2.375" tube for 1.5" connector	20ft	155	✱	62455P
11" O.D. x .20" @ tip on 2.875" tube for 2" connector	10ft	123	✱	109981P
11" O.D. x .20" @ tip on 2.875" tube for 2" connector	20ft	230	✱	62492P

FLIGHT ASSEMBLIES W/ INTERNAL BEARINGS

DESCRIPTION (INTERNAL BEARINGS)	AUGER	WEIGHT	PRICE	PART#
1" internal bearing bracket	Ø6"	1	✱	6314F
1.25" internal bearing bracket	Ø8"	2	✱	8392C
1.5" internal bearing bracket	Ø10"	2	✱	1055D
2" internal bearing bracket	Ø12"	3	✱	1264D
2" internal bearing bracket	Ø14"	3.5	✱	1022390
DESCRIPTION (WELD-IN BUSHINGS)	LENGTH	WEIGHT	PRICE	PART#
2.470" O.D. - 2.015" I.D.	4-3/8"	2.6	✱	52807
1.65" O.D. Round x 1.02" Square	2-1/4"	0.63	✱	1015317
1" O.D. x 1316" I.D.	3-5/8"	0.25	✱	1022680
3.060" O.D. X 2.455" I.D.	4-3/8"	3.5	✱	1050434
1.25" O.D. x 1" I.D.	4-3/4"	0.6	✱	1051144
1.655" O.D. x 1.015" I.D.	4-3/8"	1.6	✱	1052805
1.602" O.D. x 1.265" I.D.	4-3/8"	1.1	✱	52806
1.655" O.D. x 1.515" I.D.	4-3/8"	0.41	✱	
2.100" O.D. x 1.265" I.D.	4-3/8"	2.9	✱	52808
2.100" O.D. x 1.515" I.D.	4-3/8"	5.5	✱	52809
2.100" O.D. Round x 1.25" Square	2"	1.5	✱	53286
2.156" O.D. x 1.00" I.D.	4-3/4"	45	✱	62044
DESCRIPTION (STUBS)	LENGTH	WEIGHT	PRICE	PART#
1" Open Style Connecting Stub	10-1/2"	3.5	✱	1720C
1.25" Open Style Connecting Stub	11-1/2"	4	✱	8393C
1.5" Open Style Connecting Stub	11-1/2"	6	✱	1.5HSCS
2" Open Style Connecting Stub	11-1/2"	10.5	✱	2HSCS

6" - 10 1/4"
8" - 14"
10" - 18"
12" - 20"
14" - 19"

**Opening Size**

6" - 8"x11"
8" - 12"x14"
10" - 14"x18"
12" - 16"x18"
14" - 18"x20"

Inlet Hopper w/ Cover and Screen	Price	Part#
6" Inlet Hopper	11 lbs.	H1627A
8" Inlet Hopper	19 lbs.	H1827A
10" Inlet Hopper	30 lbs.	H2027A
12" Inlet Hopper	31 lbs.	H2227A
14" Inlet Hopper	50 lbs.	H2427A

Hopper Tail Piece w/ Bearing & Cover and Safety Screen	Price	Part#
4" Hopper	8 lbs.	N4172A
6" Hopper	16 lbs.	H1610A
8" Hopper	29 lbs.	H1810A
10" Hopper	48 lbs.	H2010A
12" Hopper	64 lbs.	H2210A
14" Hopper	99 lbs.	H2410A

Hopper Tail Piece w/ Bearing, Cover, Slide Gate & Safety Screen	Price	Part#
6" Hopper w/ Slide Gate	20 lbs.	H1644A
8" Hopper w/ Slide Gate	38 lbs.	H1844A
10" Hopper w/ Slide Gate	56 lbs.	H2044A
12" Hopper w/ Slide Gate	82 lbs.	H2244A

Hopper Tail Piece w/ Bearing, Cover & Enclosed Slide Gate	Price	Part#
6" Hopper w/ Enclosed Slide Gate	23 lbs.	H1640A
8" Hopper w/ Enclosed Slide Gate	38 lbs.	H1840A
10" Hopper w/ Enclosed Slide Gate	60 lbs.	H2040A
12" Hopper w/ Enclosed Slide Gate	70 lbs.	H2240A
14" Hopper w/ Enclosed Slide Gate	75 lbs.	H2440A

Large Hopper Tail Piece w/ Bearing, Cover & Safety Screen	Price	Part#
4"x18"x18"x18" Hopper	35 lbs.	N4137A
6"x18"x18"x18" Hopper	38 lbs.	H1636A
8"x18"x18"x18" Hopper	40 lbs.	H1836A
10"x24"x24"x24" Hopper	76 lbs.	H2036A
12"x24"x24"x24" Hopper	98 lbs.	H2236A
14"x24"x24"x24" Hopper	108 lbs.	H2436A
14" Hopper with Bearing Cover and Safety Screen	98	H2410A

Hopper Tail Piece w/ Bearing (Hinged Cover)	Price	Part#
6"x18"x18"x18" Hopper w/ Cover	40 lbs.	H1656A
8"x18"x18"x18" Hopper w/ Cover	44 lbs.	H1856A
10"x24"x24"x24" Hopper w/ Cover	80 lbs.	H2056A
12"x24"x24"x24" Hopper w/ Cover	101 lbs.	H2256A
14"x24"x24"x24" Hopper w/ Cover	126 lbs.	H2456A

Rack & Pinion Control	Price	Part#
6" Rack & Pinion	12 lbs.	H1642A
8" Rack & Pinion	15 lbs.	H1842A
10" Rack & Pinion	17 lbs.	H2042A
12" Rack & Pinion	18 lbs.	H2242A
14" Rack & Pinion	20 lbs.	H2442A
Ground Control Kit	29 lbs.	P1642A

Cable and Pulley Control	Price	Part#
6" Cable & Pulley Control	3 lbs.	H1623A
8" Cable & Pulley Control	4 lbs.	H1823A
10" Cable & Pulley Control	4 lbs.	H2023A
12" Cable & Pulley Control	5 lbs.	H2223A

Intake Guard w/ Bearing	Price	Part#
4" Intake Guard	7 lbs.	N4161A
6" Intake Guard	22 lbs.	H1605A
8" Intake Guard	30 lbs.	H1805A
10" Intake Guard	48 lbs.	H2005A
12" Intake Guard	62 lbs.	H2205A
14" Intake Guard	87 lbs.	H2405A

Control Gate (used w/ Intake Guard in place)	Price	Part#
6" Control Gate	15 lbs.	H16110A
8" Control Gate	19 lbs.	H18110A
10" Control Gate	26 lbs.	H20110A
12" Control Gate	35 lbs.	H22110A
14" Control Gate	48 lbs.	H24110A

90° Discharge Spout	Price	Part#
4" x 90° Spout Metal	3 lbs.	N4130A
6" x 90° Spout Metal	6 lbs.	H1607A
8" x 90° Spout Metal	12 lbs.	H1807A
10" x 90° Spout Metal 10" outlet	19 lbs.	H2007M
10" x 90° Spout Metal 12" outlet	25 lbs.	H2007H
12" x 90° Spout Metal	32 lbs.	H2207A
13" x 90° Spout Metal 13" outlet	36 lbs.	H2307A
14" x 90° Spout Metal	40 lbs.	H2407A

60° Discharge Spout (Plastic)	Price	Part#
6" x 60° Plastic Spout	5 lbs.	H1609A
8" x 60° Plastic Spout	9 lbs.	H1809A
10" x 60° Plastic Spout	14 lbs.	H2009A
12" x 60° Plastic Spout	20 lbs.	H2209A
13" x 60° Plastic Spout	23 lbs.	H2309A

End Cap w/ Bearing	Price	Part#
4" End Cap w/ Brg.	2 lbs.	N4158A
6" End Cap w/ Brg.	5 lbs.	H1639A
8" End Cap w/ Brg.	9 lbs.	H1839A
10" End Cap w/ Brg.	13 lbs.	H2039A
12" End Cap w/ Brg.	26 lbs.	H2239A
14" End Cap w/ Brg.	40 lbs.	H2439A

Roof Auger Hopper w/ Cleanout	Price	Part#
8" Roof Auger Hopper	79 lbs.	H1846A
10" Roof Auger Hopper	107 lbs.	H2046A
12" Roof Auger Hopper	135 lbs.	H2246A
14" Roof Auger Hopper	185 lbs.	H2446A

6" - 12 1/2" (31.8cm)
8" - 14 1/2" (36.8cm)
10" - 17" (43.2cm)
12" - 19 1/2" (49.5cm)

6" - 21" (53.3cm)
8" - 24" (61.0cm)
10" - 24" (61.0cm)
12" - 30" (76.2cm)

45° Discharge Spout	Price	Part#
4" x 45° Metal	3 lbs.	N4133A
6" x 45° Metal	6 lbs.	H1614A
8" x 45° Metal with 8" outlet	12 lbs.	H1814A
8" x 45° Metal with 10" outlet	11 lbs.	H1814A10
10" x 45° Metal with 10" outlet	22 lbs.	H2014
10" x 45° Metal with 12" outlet	24 lbs.	H2014A12
12" x 45° Metal with 12" outlet	22 lbs.	H2214A
14" x 45° Metal with 14" outlet	57 lbs.	H2414A

Enclosed Slide Gate	Price	Part#
4" x 24" long	9 lbs.	N4132A
6" x 24" long	22 lbs.	H1618A
8" x 24" long	40 lbs.	H1818A
10" x 36" long	70 lbs.	H2018A
12" x 36" long	78 lbs.	H2218A

Mounting Bracket for Roof Auger	Price	Part#
6" Mounting Bracket	4 lbs.	H1619A
8" Mounting Bracket	4 lbs.	H1819A
10" Mounting Bracket	5 lbs.	H2019A
12" Mounting Bracket	5 lbs.	H2219A
14" Mounting Bracket	8 lbs.	H2419A

Mounting Bracket Sets	Price	Part#
6" Sets	17 lbs.	A0600RA
8" Sets	24 lbs.	A0800RA
10" Sets	32 lbs.	A1000RA
12" Sets	45 lbs.	A1200RA
14" Sets	55 lbs.	A1400RA