

# CUSTOM AUGERS - TECHNICAL DATA

# 83

## 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

## AUGER SPEED CHART

### GEAR REDUCERS WITH 4:1 RATIO & 1750 RPM MOTOR

DRIVE SHEAVE	DRIVEN SHEAVE		AUGER RPM	
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 RPM	
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

## MOTOR HP RECOMMENDATIONS

### HORIZONTAL AUGERS

AUGER LENGTH	6" 900-1200 BPH	8" 1500-2000 BPH	10" 2500-3500 BPH	12" 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" 900-1200 BPH	8" 1500-2000 BPH	10" 2500-3500 BPH	12" 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/ 3/4" 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

## 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	45°	90°	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			
6"	2.5" - 14"	312	60 BPH	187 BPH	Approximately 20% loss unless unit is pressure fed	Approximately 50% loss unless unit is pressure fed	
	3" - 12"	438	250 BPH	1095 BPH			
	3.5" - 12"	510	250 BPH	1275 BPH			
	3.5" - 15"	408	250 BPH	1020 BPH			
8"	3" - 15"	350	250 BPH	875 BPH	Approximately 50% loss unless unit is pressure fed	Approximately 50% loss unless unit is pressure fed	
	3.5" - 15"	204	250 BPH	510 BPH			
	3" - 12"	438	500 BPH	2190 BPH			
	3.5" - 15"	350	500 BPH	1750 BPH			
10"	3.5" - 12"	170	500 BPH	850 BPH	Approximately 50% loss unless unit is pressure fed	Approximately 50% loss unless unit is pressure fed	
	5" - 12"	243	500 BPH	1215 BPH			
	3" - 15"	350	1100 BPH	3850 BPH			
	5" - 12"	243	1100 BPH	2673 BPH			
12"	3.5" - 15"	136	1100 BPH	1496 BPH	Approximately 50% loss unless unit is pressure fed	Approximately 50% loss unless unit is pressure fed	
	3" - 15"	350	1800 BPH	6300 BPH			
	5" - 12"	243	1800 BPH	4378 BPH			
	3.5" - 15"	136	1800 BPH	2448 BPH			
14"	5-7.4" PD	280	1800 BPH	5040 BPH	Approximately 50% loss unless unit is pressure fed	Approximately 50% loss unless unit is pressure fed	
	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			



CUSTOM AUGERS - TECHNICAL DATA



CALL TOLL FREE 877.681.3064

# CUSTOM AUGERS - DISTRIBUTING AUGERS

CUSTOM AUGERS MAY BE ORDERED IN ANY LENGTH REQUIRED. Unless specified, the length ordered is regarded to as the flight length (the housing will be one foot shorter than this). If a 21' unit is ordered, the housing will be 20' long and the flight will extend one foot past the end of the housing.

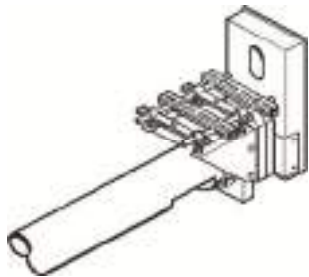
**Options:** Reduced Pitch Flighting can be added to the intake end of the flight (2' length is standard).  
Internal Bearings used at 10' intervals on units run at low capacity or with intermediate drops.

## CUSTOM BUILT DISTRIBUTING AUGERS

Auger Size	Custom Type	Galvanized Housing Size	Flight Thickness	Flight Shaft Size	Stub Size	Wt. lbs/ft	Price/ft		2' Reduced Pitch Flight at intake	Internal Bearing (installed)	Internal Bearing (loose)
6"	Standard Duty	6" x 16ga.	11ga.	1.25" Tube X 12ga.	1"	6.5	★	12ga. Galv. Housing + \$/ft	\$ add	\$ add	\$ add
	Medium Duty	6" x 16ga.	7ga.	1.25" Tube X 12ga.	1"	7	★				
	Heavy Duty	6" x 16ga.	7ga.	1.9" O.D.	1"	8	★				
8"	Standard Duty	8" x 14ga.	7ga.	1.9" O.D.	1 1/4"	10.5	★		\$ add	\$ add	\$ add
	Heavy Duty	8" x 14ga.	1/4"	1.9" O.D.	1 1/4"	12	★				
	Heavy Duty	8" x 12ga.	1/4"	1.9" O.D.	1 1/4"	14.5	★				
10"	Standard Duty	10" x 12ga.	7ga.	2.375" O.D.	1 1/2"	16.5	★		\$ add	\$ add	\$ add
	Heavy Duty	10" x 12ga.	1/4"	2.375" O.D.	1 1/4"	18	★				
	Standard Duty	12" x 12ga.	7ga.	2.875" O.D.	2"	24	★				
12"	Medium Duty	12" x 12ga.	1/4"	2.875" O.D.	2"	29	★	10ga. Galv. Housing + \$/ft	\$ add	\$ add	\$ add
	Heavy Duty	12" x 12ga.	3/8"	2.875" O.D.	2"	31	★				
	Standard Duty	14" x 12ga.	1/4"	3.5" O.D.	2"	36	★				
14"	Standard Duty	14" x 12ga.	1/4"	3.5" O.D.	2"	36	★		\$ add	\$ add	\$ add
	Heavy Duty	14" x 12ga.	3/8"	3.5" O.D.	2"	36	★				

## 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. Driven pulleys not supplied.



HEAVY-DUTY REDUCER DRIVE SHOWN

Auger Size	Drive Type	# of Belts	HP Rating	Required Driver Pulley	Driven Pulley	Flight RPM	Wt. lbs	Price	
6"	Standard Duty	1	3 HP	3"	12.0" O.D.	438	37	★	
	Standard Duty	2	5 HP	3"	12.0" O.D.	438	40	★	
	Standard Duty	3	7 1/2 HP	3"	12.0" O.D.	438	43	★	
	Standard Duty	2	5 HP	3"	15.0" O.D.	350	50	★	
	Standard Duty	3	7 1/2 HP	3"	15.0" O.D.	350	52	★	
	Heavy Duty	2	5 HP	3"	15.0" O.D.	350	66	★	
	Heavy Duty	3	10 HP	3"	15.0" O.D.	350	70	★	
	Heavy Duty	2	5 HP	3"	18.4" P.D.	279	72	★	
	Heavy Duty	3	10 HP	3"	18.4" P.D.	279	76	★	
	HD 2:1 Chain	2	7 1/2 HP	3.5"	15.0" O.D.	204	122	★	
	HD 2:1 Chain	3	10 HP	3.5"	15.0" O.D.	204	123	★	
	8"	Standard Duty	2	5 HP	3.4" P.D.	15.0" O.D.	443	57	★
Standard Duty		3	10 HP	3.4" P.D.	15.0" O.D.	443	60	★	
Heavy Duty		2	5 HP	3.4" P.D.	15.0" O.D.	443	76	★	
Heavy Duty		3	10 HP	3.4" P.D.	15.0" O.D.	443	78	★	
Heavy Duty		2	5 HP	3.4" P.D.	18.4" P.D.	323	82	★	
Heavy Duty		3	10 HP	3.4" P.D.	18.4" P.D.	323	84	★	
HD 3:1 Chain		2	5 HP	5.0" O.D.	12.0" O.D.	243	128	★	
HD 3:1 Chain		3	10 HP	5.0" O.D.	12.0" O.D.	243	129	★	
HD 3:1 Chain		2	5 HP	3.5" O.D.	12.0" O.D.	170	128	★	
HD 3:1 Chain		3	10 HP	3.5" O.D.	12.0" O.D.	170	129	★	
HD 3:1 Chain		2	5 HP	3.5" O.D.	15.0" O.D.	136	132	★	
HD 3:1 Chain		3	10 HP	3.5" O.D.	15.0" O.D.	136	133	★	
10"	Heavy Duty	2	5 HP	3.0" O.D.	15.0" O.D.	350	104	★	
	Heavy Duty	3	10 HP	3.0" O.D.	15.0" O.D.	350	107	★	
	Heavy Duty	4	15 HP	3.4" P.D.	15.4" P.D.	386	135	★	
	Heavy Duty	2	5 HP	3.0" O.D.	18.4" P.D.	280	104	★	
	Heavy Duty	3	10 HP	3.0" O.D.	18.4" P.D.	280	114	★	
	HD 3:1 Chain	2	10 HP	5.0" O.D.	12.0" O.D.	243	127	★	
	HD 3:1 Chain	3	15 HP	5.0" O.D.	12.0" O.D.	243	128	★	
	HD 3:1 Chain	2	5 HP	3.5" O.D.	12.0" O.D.	170	127	★	
	HD 3:1 Chain	3	10 HP	3.5" O.D.	12.0" O.D.	170	128	★	
	HD 3:1 Chain	2	5 HP	3.5" O.D.	15.0" O.D.	136	131	★	
	HD 3:1 Chain	3	10 HP	3.5" O.D.	15.0" O.D.	136	132	★	
	HD Reducer 4:1	3	15 HP	5.0" O.D.	7.4" P.D.	280	162	★	
HD Reducer 4:1	4	20 HP	5.0" O.D.	7.4" O.D.	280	186	★		
12"	Heavy Duty	2	5 HP	3.0" O.D.	18.4" P.D.	280	172	★	
	Heavy Duty	3	10 HP	3.0" O.D.	18.4" P.D.	280	180	★	
	HD 3:1 Chain	2	10 HP	5.0" O.D.	12.0" O.D.	243	126	★	
	HD 3:1 Chain	3	15 HP	5.0" O.D.	12.0" O.D.	243	127	★	
	HD 3:1 Chain	2	5 HP	3.5" O.D.	12.0" O.D.	170	126	★	
	HD 3:1 Chain	3	10 HP	3.5" O.D.	12.0" O.D.	170	127	★	
	HD 3:1 Chain	2	5 HP	3.5" O.D.	15.0" O.D.	136	130	★	
	HD 3:1 Chain	3	10 HP	3.5" O.D.	15.0" O.D.	136	131	★	
	HD Reducer 4:1	3	15 HP	5.0" O.D.	7.4" P.D.	280	217	★	
	HD Reducer 4:1	4	20 HP	5.0" O.D.	7.4" O.D.	280	222	★	
	14"	Heavy Duty	4	25-30 HP	5.0" P.D.	20.0" P.D.	440	145	★
		HD Reducer 4:1	2	7.5 - 10 HP	5.0" P.D.	11.0" P.D.	200	192	★
HD Reducer 4:1		3	15 - 20 HP	5.0" P.D.	11.0" P.D.	200	195	★	
HD Reducer 4:1		4	25 - 30 HP	5.0" P.D.	11.0" P.D.	200	200	★	

CUSTOM AUGERS - DISTRIBUTING AUGERS



# CUSTOM AUGER COMPONENTS

# 85

Hutchinson  
AUGER & MOTOR DIV.  
A WORLD OF DRIVE

CUSTOM AUGER COMPONENTS & IN-LINE DRIVE AUGERS



## 6" STANDARD DUTY CUSTOM COMPONENTS

21' long head sections include 6" x 16ga. galvanized housing, 5"x11ga. Flight on 1 1/4"x12ga. Tube, Motor Mount, 12" Auger Sheave "B" section Drive and stubs. Use 3" O.D. motor sheave for 438 rpm.

6" x 21' w/ 1-B drive up to 20' long	162 lbs.	*
6" x 21' w/ 2-B drive up to 60' long	165 lbs.	*
6" x 21' w/ 3-B drive over 60' long	167 lbs.	*
Extensions include auger housing, flight, connecting band and stub w/ bolts.		
6" x 5' long extension	45 lbs.	*
6" x 10' long extension	79 lbs.	*
6" x 15' long extension	112 lbs.	*
6" x 20' long extension	145 lbs.	*

## 6" HEAVY DUTY CUSTOM COMPONENTS w/ STANDARD DRIVE

21' long head sections include 6" x 16ga. galvanized housing, 5"x7ga. Flight on 1.9" O.D. Tube, Motor Mount, 15" Auger Sheave "B" section Drive and stubs. Use 3" O.D. motor sheave for 350 rpm.

6" x 21' w/ 2-B drive up to 60' long	198 lbs.	*
6" x 21' w/ 3-B drive over 60' long	200 lbs.	*
Extensions include auger housing, flight, connecting band and stub w/ bolts.		
6" x 5' long extension	50 lbs.	*
6" x 10' long extension	90 lbs.	*
6" x 15' long extension	132 lbs.	*
6" x 20' long extension	162 lbs.	*

## 6" HEAVY DUTY CUSTOM COMPONENTS w/ HEAVY DUTY DRIVE

21' long head sections include 6" x 16ga. galvanized housing, 5"x7ga. Flight on 1.9" O.D. Tube, HD Motor Mount, 15" Auger Sheave "B" section Drive and stubs, and internal bearing. Use 3" O.D. motor sheave for 350 rpm.

6" x 21' w/ 2-B drive up to 60' long	223 lbs.	*
6" x 21' w/ 3-B drive over 60' long	227 lbs.	*
Extensions include auger housing, flight, connecting band and stub w/ bolts and internal bearing(s).		
6" x 5' long extension	54 lbs.	*
6" x 10' long extension	94 lbs.	*
6" x 15' long extension	175 lbs.	*



## 8" MEDIUM DUTY CUSTOM COMPONENTS

11' or 21' long head sections include 8" x 14ga. galvanized housing, 7"x7ga. Flight on 1.9" O.D. Tube, Motor Mount, 15" Auger Sheave "B" section Drive and stubs. Use 3.4" motor sheave for 397 rpm.

8" x 11' w/ 2-B drive up to 50' long	167 lbs.	*
8" x 11' w/ 3-B drive over 50' long	170 lbs.	*
8" x 21' w/ 2-B drive up to 50' long	251 lbs.	*
8" x 21' w/ 3-B drive over 50' long	254 lbs.	*
Extensions include auger housing, flight, connecting band and stub w/ bolts.		
8" x 5' long extension	76 lbs.	*
8" x 10' long extension	119 lbs.	*
8" x 15' long extension	169 lbs.	*
8" x 20' long extension	217 lbs.	*

## 8" MEDIUM DUTY CUSTOM COMPONENTS w/ INTERNAL BEARING(S)

8" x 21' w/ 2-B drive & brg up to 60' long	284 lbs.	*
8" x 21' w/ 3-B drive & brg over 60' long	287 lbs.	*
Extensions include auger housing, flight, connecting band and stub w/ bolts and internal bearing(s).		
8" x 5' long extension w/ 1 bearing	76 lbs.	*
8" x 10' long extension w/ 1 bearing	127 lbs.	*
8" x 15' long extension w/ 2 bearings	183 lbs.	*
8" x 20' long extension w/ 2 bearings	255 lbs.	*

## 8" HEAVY DUTY CUSTOM COMPONENTS w/ HEAVY DUTY DRIVE

11' or 21' long head sections include 8" x 14ga. galvanized housing, 7" O.D. Tube, Internal Bearing and Heavy-Duty Motor Mount, 15" Auger Sheave "B" section Drive. Use 3.4" motor sheave for 397 rpm.

8"x21' w/ 2-B drive & brg. up to 60' long	325 lbs.	*
8"x21' w/ 3-B drive & brg over 60' long	327 lbs.	*
Extensions include auger housing, flight, connecting band and stub w/ bolts and internal bearing(s).		
8" x 5' long extension w/ 1 bearing	87 lbs.	*
8" x 10' long extension w/ 1 bearing	146 lbs.	*
8" x 15' long extension w/ 2 bearings	273 lbs.	*



## 10" STANDARD DUTY CUSTOM COMPONENTS

11' or 21' long head sections include 10" x 12ga. galvanized housing, 9" O.D. x7ga. Flight on 2.375" O.D. Tube, Motor Mount, 15" Auger Sheave "B" section Drive and stubs. Use 3" motor sheave for 350 rpm.

10" x 11' w/ 2-B drive up to 30' long	260 lbs.	*
10" x 11' w/ 3-B drive up to 80' long	261 lbs.	*
10" x 21' w/ 2-B drive up to 30' long	407 lbs.	*
10" x 21' w/ 3-B drive over 80' long	408 lbs.	*
Extensions include auger housing, flight, connecting band and stub w/ bolts.		
10" x 5' long extension	123 lbs.	*
10" x 10' long extension	202 lbs.	*
10" x 15' long extension	302 lbs.	*
10" x 20' long extension	379 lbs.	*

## 10" STANDARD DUTY CUSTOM COMPONENTS w/ HEAVY DUTY DRIVE

10" x 21' w/ 2-B drive & bearing	435 lbs.	*
10" x 21' w/ 3-B drive & bearing	436 lbs.	*
Extensions include auger housing, flight, connecting band and stub w/ bolts and internal bearing(s).		
10" x 5' long extension w/ 1 bearing	130 lbs.	*
10" x 10' long extension w/ 1 bearing	217 lbs.	*
10" x 15' long extension w/ 2 bearings	310 lbs.	*
10" x 20' long extension w/ 2 bearings	402 lbs.	*

## 10" HEAVY DUTY CUSTOM COMPONENTS

21' long head sections include 10" x 12ga. galvanized housing, 9" O.D.X1/4" Flight on 2.375" O.D. Tube, Internal Bearing, Heavy-Duty Motor Mount and either 15" Auger Sheave & 3" Motor Sheave HD Drive for 350 rpm or 4:1 Reducer Drive w/ 4.6" P.D. Motor Sheave for 250 rpm.

10" x 21' w/ 2-B drive & bearing	466 lbs.	*
10" x 21' w/ 3-B drive & bearing	467 lbs.	*
10" x 21' w/ 4-B drive & bearing	497 lbs.	*
10" x 21' w/ 3-B Reducer drive & bearing	524 lbs.	*
10" x 21' w/ 4-B Reducer drive & bearing	545 lbs.	*
Extensions include auger housing, flight, connecting band and stub w/ bolts and internal bearing(s).		
10" x 5' long extension w/ 1 bearing	137 lbs.	*
10" x 10' long extension w/ 1 bearing	221 lbs.	*
10" x 20' long extension w/ 2 bearings	410 lbs.	*

Custom Component Systems require either a Hopper Tail Piece w/ bearing or an Intake Guard w/ bearing for the inlet end of the auger.

## CUSTOM IN-LINE DRIVE AUGERS

### 8" CUSTOM IN-LINE DRIVE AUGERS

#### INCLUDES:

- 14ga. Housing
- 7ga. Flighting
- Preassembled Intake Guard
- Gearbox
- Electric Drive Kit
- Pop-off End Cap
- 3200 BPH max.



#### ELECTRIC DRIVE KIT

Includes motor mount, auger pulley & belts.  
Motor and motor pulley not included.

LENGTH	REQ'D HP	# BELTS	MOTOR PULLEY	WEIGHT	PRICE
8"x32'	7.5 HP	2	4.5" O.D.	634	*
8"x42'	7.5-10 HP	2	4.5" O.D.	755	*
52'	7.5-10 HP	2	4.5" O.D.	876	*
62'	10-15 HP	3	4.5" O.D.	998	*
72'	15-20 HP	3	4.5" O.D.	1120	*

#### OPTIONS:

- Intermediate Flight Bearings
- 1/4" Flighting

#### ADD

- \*/ft
- \*/ft

Size motor at the lower end of the range for dry, shelled corn or wheat.  
For higher moisture grain, use the upper end of the power range.  
Do not use motors greater than 20HP on any 8" unit.

#### ACCESSORIES

DESCRIPTION	SPECIFICATIONS	WEIGHT	PRICE
Bolt-on Hopper	36"Wx28 1/2"Lx14 1/4"D	38 lbs.	*
Hopper Belting Kit	4" Deep	10 lbs.	*
Hopper Belting Kit	16" Deep	18 lbs.	*
90° Discharge Spout	Galvanized	12 lbs.	*
45° Discharge Spout	Galvanized	12 lbs.	*
60° Discharge Spout	Plastic	12 lbs.	*

### 10" CUSTOM IN-LINE DRIVE AUGERS

#### INCLUDES:

- 14ga. Housing
- 7ga. Flighting
- Preassembled Intake Guard
- Gearbox
- Electric Drive Kit
- Pop-off End Cap
- 4500 BPH max.



#### ELECTRIC DRIVE KIT

Includes motor mount, auger pulley & belts.  
Motor and motor pulley not included.

LENGTH	REQ'D HP	# BELTS	MOTOR PULLEY	WEIGHT	PRICE
32'	10 HP	2	4.0" O.D.	827 lbs.	*
42'	10-15 HP	2	4.0" O.D.	986 lbs.	*
52'	15 HP	2	4.0" O.D.	1145 lbs.	*
62'	15-20 HP	3	4.0" O.D.	1305 lbs.	*
72'	20-30 HP	3	4.0" O.D.	1463 lbs.	*

#### OPTIONS:

- Intermediate Flight Bearings
- 1/4" Flighting

#### ADD

- \*/ft
- \*/ft

Size motor at the lower end of the range for dry, shelled corn or wheat.  
For higher moisture grain, use the upper end of the power range.  
Do not use motors greater than 30HP on any 10" unit.

#### ACCESSORIES

DESCRIPTION	SPECIFICATIONS	WEIGHT	PRICE
Bolt-on Hopper	36"Wx28 1/2"Lx15"D	38 lbs.	*
Hopper Belting Kit	4" Deep	10 lbs.	*
Hopper Belting Kit	16" Deep	21 lbs.	*
90° Discharge Spout	Galvanized	18 lbs.	*
45° Discharge Spout	Galvanized	22 lbs.	*
60° Discharge Spout	Plastic	18 lbs.	*

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PREMIER  
COMPONENTS, INC.

# CUSTOM AUGERS - ACCESSORIES

# 86



### Inlet Hopper w/ Cover and Screen

6" Inlet Hopper	11 lbs.	*
8" Inlet Hopper	19 lbs.	*
10" Inlet Hopper	30 lbs.	*
12" Inlet Hopper	31 lbs.	*
14" Inlet Hopper	50 lbs.	*



### Hopper Tail Piece w/ Bearing & Cover

6" Hopper	16 lbs.	*
8" Hopper	29 lbs.	*
10" Hopper	48 lbs.	*
12" Hopper	64 lbs.	*
14" Hopper	99 lbs.	*



### Hopper Tail Piece w/ Bearing, Cover & Slide Gate

6" Hopper w/ Slide Gate	20 lbs.	*
8" Hopper w/ Slide Gate	38 lbs.	*
10" Hopper w/ Slide Gate	56 lbs.	*
12" Hopper w/ Slide Gate	82 lbs.	*



### Hopper Tail Piece w/ Bearing, Cover & Enclosed Slide Gate

6" Hopper w/ Enclosed Slide Gate	23 lbs.	*
8" Hopper w/ Enclosed Slide Gate	38 lbs.	*
10" Hopper w/ Enclosed Slide Gate	60 lbs.	*
12" Hopper w/ Enclosed Slide Gate	70 lbs.	*
14" Hopper w/ Enclosed Slide Gate	75 lbs.	*



### Large Hopper Tail Piece w/ Bearing & Cover

6"x18"x18"x18" Hopper	38 lbs.	*
8"x18"x18"x18" Hopper	40 lbs.	*
10"x24"x24"x24" Hopper	76 lbs.	*
12"x24"x24"x24" Hopper	98 lbs.	*
14"x24"x24"x24" Hopper	108 lbs.	*

### Hopper Tail Piece w/ Bearing (Hinged Cover)

6"x18"x18"x18" Hopper w/ Cover	40 lbs.	*
8"x18"x18"x18" Hopper w/ Cover	44 lbs.	*
10"x24"x24"x24" Hopper w/ Cover	80 lbs.	*
12"x24"x24"x24" Hopper w/ Cover	101 lbs.	*
14"x24"x24"x24" Hopper w/ Cover	126 lbs.	*



### Rack & Pinion Control

6" Rack & Pinion	12 lbs.	*
8" Rack & Pinion	15 lbs.	*
10" Rack & Pinion	117 lbs.	*
12" Rack & Pinion	18 lbs.	*
14" Rack & Pinion	20 lbs.	*
Ground Control Kit	29 lbs.	*

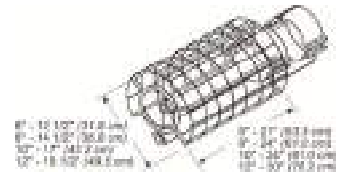


### Cable and Pulley Control

6" Cable & Pulley Control	3 lbs.	*
8" Cable & Pulley Control	4 lbs.	*
10" Cable & Pulley Control	4 lbs.	*
12" Cable & Pulley Control	5 lbs.	*

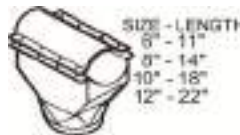
### Intake Guard w/ Bearing

6" Intake Guard	22 lbs.	*
8" Intake Guard	30 lbs.	*
10" Intake Guard	48 lbs.	*
12" Intake Guard	62 lbs.	*
14" Intake Guard	87 lbs.	*



### Control Gate (used w/ Intake Guard in place)

6" Control Gate	15 lbs.	*
8" Control Gate	19 lbs.	*
10" Control Gate	26 lbs.	*
12" Control Gate	35 lbs.	*
14" Control Gate	48 lbs.	*



### 90° Discharge Spout

6" x 90° Spout	6 lbs.	*
8" x 90° Spout	12 lbs.	*
10" x 90° Spout	18 lbs.	*
12" x 90° Spout	32 lbs.	*
14" x 90° Spout	40 lbs.	*

### Rack & Pinion Control for Intake Guard Control Gate

6" Rack & Pinion Control	22 lbs.	*
8" Rack & Pinion Control	25 lbs.	*
10" Rack & Pinion Control	27 lbs.	*
12" Rack & Pinion Control	28 lbs.	*
14" Rack & Pinion Control	30 lbs.	*



### 45° Discharge Spout

6" x 45° Spout	6 lbs.	*
8" x 45° Spout	12 lbs.	*
10" x 45° Spout	22 lbs.	*
12" x 45° Spout	36 lbs.	*
14" x 45° Spout	57 lbs.	*



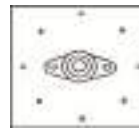
### 60° Discharge Spout (Plastic)

6" x 60° Plastic Spout	*
8" x 60° Plastic Spout	*
10" x 60° Plastic Spout	*
12" x 60° Plastic Spout	*



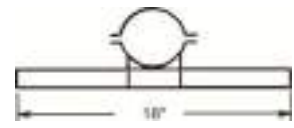
### Enclosed Slide Gate

6" x 24" long	22 lbs.	*
8" x 24" long	40 lbs.	*
10" x 36" long	70 lbs.	*
12" x 36" long	78 lbs.	*



### End Cap w/ Bearing

6" End Cap w/ Brg.	5 lbs.	*
8" End Cap w/ Brg.	9 lbs.	*
10" End Cap w/ Brg.	13 lbs.	*
12" End Cap w/ Brg.	26 lbs.	*
14" End Cap w/ Brg.	40 lbs.	*



### Mounting Bracket for Roof Auger

6" Mounting Bracket	4 lbs.	*
8" Mounting Bracket	4 lbs.	*
10" Mounting Bracket	5 lbs.	*
12" Mounting Bracket	5 lbs.	*
14" Mounting Bracket	8 lbs.	*



### Roof Auger Hopper w/ Cleanout

8" Roof Auger Hopper	79 lbs.	*
10" Roof Auger Hopper	107 lbs.	*
12" Roof Auger Hopper	135 lbs.	*
14" Roof Auger Hopper	185 lbs.	*

### Mounting Bracket Sets

6" Sets	17 lbs.	*
8" Sets	24 lbs.	*
10" Sets	32 lbs.	*
12" Sets	45 lbs.	*
14" Sets	55 lbs.	*

CUSTOM AUGERS - ACCESSORIES



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