

CARDINAL[®]

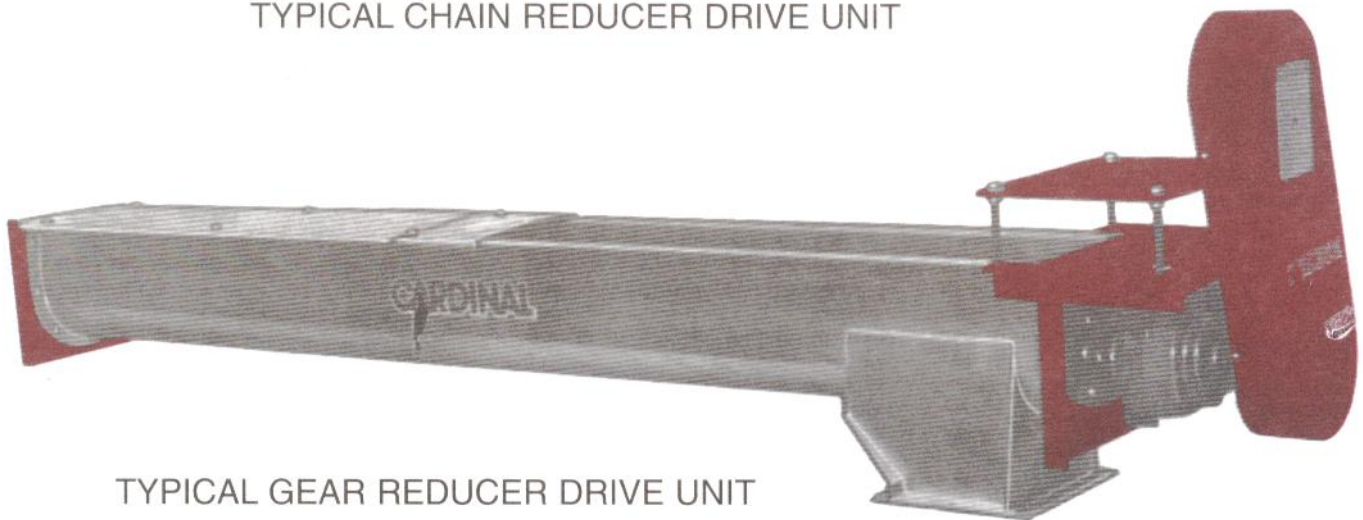


GALVANIZED U-TROUGH AUGERS

5" - 6" - 8" - 10" - 11" - 13"



TYPICAL CHAIN REDUCER DRIVE UNIT



TYPICAL GEAR REDUCER DRIVE UNIT

FOR SINGLE DRIVE NEEDS **15° Hinged Incline Sections** AVAILABLE

SIMPLE

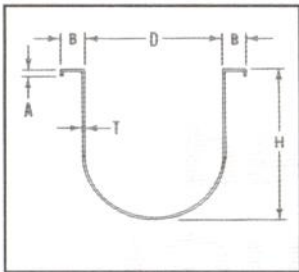
QUALITY BUILT PRODUCTS

SINCE 1943

U-TROUGH-CAPACITY-HORSEPOWER-DIMENSION-SPECIFICATION-CHARTS

	5" T. 4" S.	6" TROUGH 5" SCREW				8" TROUGH 7" SCREW			10" TROUGH 9" SCREW			11" TROUGH 10" SCREW		13" TROUGH 12" SCREW		
B.P.H.	230	500	750	1000	1200	1500	1800	2000	2500	3000	2666	3377	4088	3000	4000	5000
LOAD*RATE %	@ 60%	@ 80%	@ 80%	@ 80%	@ 80%	@ 80%	@ 80%	@ 80%	@ 80%	@ 80%	@ 80%	@ 80%	@ 80%	@ 60%	@ 60%	@ 60%
R.P.M.	195	200	250	300	200	250	300	200	250	300	150	200	250	150	200	250
8'		1hp.	1hp.	1hp.	1hp.	1hp.	1hp.	1.5hp.	2hp.	2hp.	2hp.	3hp.	3hp.			
16'		1hp.	1hp.	1.5hp.	1hp.	1.5hp.	1.5hp.	2hp.	2hp.	3hp.	2hp.	3hp.	3hp.			
24'	.75hp.	1hp.	1.5hp.	1.5hp.	1.5hp.	1.5hp.	2hp.	2hp.	3hp.	3hp.	3hp.	5hp.	5hp.	5hp.	5hp.	7.5hp.
32'		1.5hp.	1.5hp.	2hp.	2hp.	2hp.	3hp.	3hp.	3hp.	5hp.	3hp.	5hp.	5hp.			
40'	1hp.	1.5hp.	2hp.	3hp.	2hp.	3hp.	3hp.	3hp.	5hp.	5hp.	5hp.	5hp.	7.5hp.			
48'		1.5hp.	2hp.	3hp.	3hp.	3hp.	5hp.	5hp.	5hp.	7.5hp.	5hp.	7.5hp.	7.5hp.	5hp.	7.5hp.	10hp.
56'		1.5hp.	2hp.	3hp.	3hp.	5hp.	5hp.	5hp.	7.5hp.	7.5hp.	5hp.	7.5hp.	7.5hp.			
64'		2hp.	3hp.	3hp.	3hp.	5hp.	5hp.	5hp.	7.5hp.	7.5hp.	7.5hp.	10hp.	10hp.			
72'		2hp.	3hp.	3hp.	5hp.	5hp.	5hp.	7.5hp.	7.5hp.	10hp.	7.5hp.	10hp.	10hp.	7.5hp.	10hp.	15hp.
80'	2hp.	2hp.	3hp.	3hp.	5hp.	5hp.	7.5hp.	7.5hp.	7.5hp.	10hp.	10hp.	10hp.	15hp.			
88'		3hp.	3hp.	5hp.	5hp.	7.5hp.	7.5hp.	7.5hp.	10hp.	10hp.	10hp.	10hp.	15hp.			
96'		3hp.	5hp.	5hp.	5hp.	7.5hp.	7.5hp.	10hp.	10hp.	15hp.	10hp.	15hp.	15hp.	10hp.	15hp.	15hp.

CAPACITY & HORSEPOWER BASED ON CLEAN DRY CORN OR WHEAT; 1.0 SERVICE FACTOR MEANS MODERATE USE, 10 HOURS A DAY, 5 TIMES STARTED A DAY AND AUGER STARTED EMPTY! 200 RPM'S SHOULD BE MAXIMUM SPEED USED WITH INTERMEDIATE DISCHARGES TO HAVE MINIMUM CARRY OVER! ACTUAL CAPACITY CONTROLLED BY EFFICIENCY OF FEED-IN EQUIPMENT! CLEAN DRY SOYBEANS @55to60% MAXIMUM FILL RATE : ADD 35% TO HORSEPOWER NEEDS AND DEDUCT 38% FOR CAPACITY!

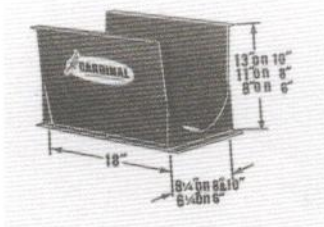


SIZE:	A	B	D	H	T	SCREW DIA.	FLIGHT GAUGE	PIPE O.D.SIZE	BEARING SIZE
5"	1/2"	1 1/2"	5 1/8"	6 9/16"	14ga.	4"	12ga.	1.3125"	1 1/16"
6"	5/8"	1 1/2"	6"	7 5/8"	14ga.	5 1/8"	10ga.	1.5"	1 1/4"
8"	5/8"	1 1/2"	8"	9 7/8"	12ga.	7"	7ga.	1.5"	1 1/4"
10"	5/8"	1 3/4"	10"	12"	12ga.	9"	7ga.	1.9"	1 1/2"
11"	—	1 3/4"	11"	12 1/8"	12ga.	10"	7ga.	1.9"	1 1/2"
13"	3/4"	2 1/4"	13"	14 11/32"	12ga.	12"	3/16"	2.875"	2"

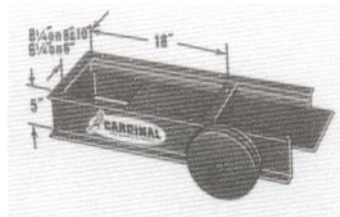
DROP OUTLET

ROPE PULLEY SLIDE GATE

ADAPTER- RECTANGLE TO SQUARE

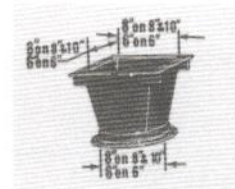
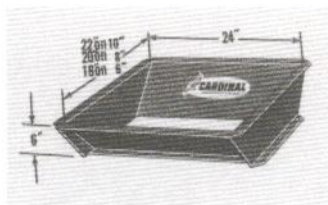


INLET HOPPER



Accessories :

ADAPTER-SQUARE TO ROUND



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CARDINAL reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to owners of units previously sold.