

# GRAIN PUMP™

PORTABLE & STATIONARY



*Complimented by Comparison*



# HUTCHINSON PORTABLE GRAIN PUMP

## HEAD CHAIN ADJUSTMENT



Threaded rods on each side of the head allows ease of conveyor chain adjustment. Optional discharge 90° spout shown.

## Grain Pump Features

- Requires less horsepower than air systems.
- *En masse (grain-moving-grain) concept causes less damage to grain at higher capacities and needs less maintenance than traditional conveying systems.*
- *Unique UHMW paddle, designed to keep your grain flowing gently and evenly from inlet to discharge.*
- *Reduction in grain damage when compared to traditional conveying systems.*

	8" MODEL	10" MODEL
CAPACITY	4000 BPH	6000 BPH
CONVEYOR CHAIN	81X	81XHH
CHAIN SPEED (ELEC.)	315 Feet/Minute	349 Feet/Minute
CHAIN SPEED (PTO)	356 Feet/Minute	415 Feet/Minute
TUBE HOUSING	8" O.D x 14 Ga. Galv.	10" O.D x 12 Ga. Galv.
PADDLES	3/8" Thick UHMW	1/2" Thick UHMW
BOTTOM DRIVE	Gear Reducer Drive	Heavy Gear Reducer Drive
DRIVE OPTION	Electric or P.T.O.	Electric or P.T.O.
LIFT SYSTEM	Reduction Winch (Optional Hydraulic & Electric)	Hydraulic (Optional Electric)
<b>OPTIONAL EQUIPMENT</b>		
DISCHARGE SPOUTS	45° & 90° Spouts Available	45°, 60° & 90° Spouts Available
HOPPERS	Canvas Hopper Metal Hopper	Metal Hopper
HOPPER COVER	Cover for Metal Hopper	Cover for Metal Hopper
SWIVEL ARC KIT	Attaches to Wheel Hubs	Attaches to Wheel Hubs

## HEAVY DUTY ENCLOSED GEAR BOX

Rigorous gear reducer boot drive furnishes reliable power for driving the machine. Shown with PTO drive.



ELECTRIC DRIVE CONVEYOR

PTO DRIVE CONVEYOR

ELECTRIC DRIVE CONVEYOR WITH OPTIONAL METAL HOPPER

## HYDRAULIC WINCH SYSTEM

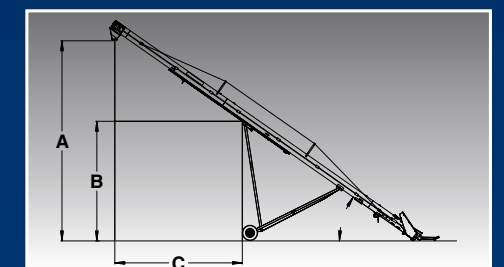
The standard hydraulic winch on 10" models produces a smooth, dependable method to raise and lower the conveyor. An economical hand winch is provided standard on 8" models or optional hydraulic and electric winches are available.



*Gently Handles a Wide Variety of Grains.*

## OPERATING HEIGHTS AND GENERAL DIMENSIONS

MODEL	OVERALL TRANSPORT HEIGHT**	OVERALL TRANSPORT WIDTH	DISCHARGE HEIGHT @ 30 DEG.	DISCHARGE HEIGHT @ 35 DEG.	CLEARANCE HEIGHT @ 35 DEG.	REACH DISTANCE @ 35 DEG.	DISCHARGE HEIGHT MAXIMUM
			(A)	(A)	(B)	(C)	(A)
8" x 52'	11'-7"	10'-10"	24'-3"	28'-0"	17'-11"	16'-6"	31'-6"
8" x 62'	13'-4"	10'-10"	29'-3"	33'-9"	20'-1"	21'-6"	38'-0"
8" x 72'	15'-1"	12'-10"	34'-3"	39'-6"	22'-6"	26'-4"	44'-3"
10" x 72'	14'-6"	12'-10"	34'-10"	40'-2"	21'-9"	28'-9"	45'-8"
10" x 82'	16'-3"	12'-10"	40'-0"	45'-11"	26'-1"	30'-9"	51'-2"

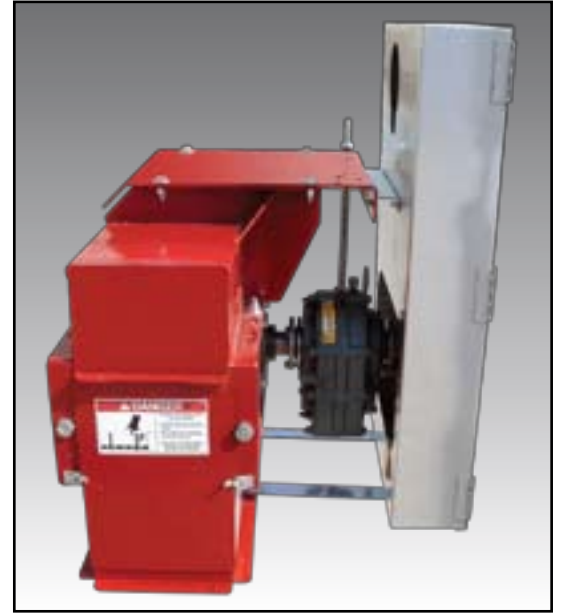


\*\* Overall Transport Height is with intake on the ground. Actual height will be lower when attached to towing vehicle.

# STATIONARY GRAIN PUMP



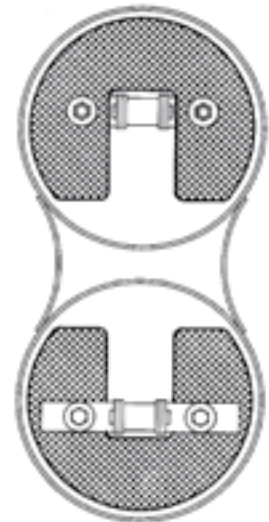
Stationary grain pumps can be used in various applications at angles from horizontal to 60°. Lengths available in 5' increments. A flow through inlet is convenient for overhead applications.



Head drive options are offered as well as the boot drive (similar to portable drive). Optional discharge spouts can be provided.

SPECIFICATIONS			
DOUBLE RUN SYSTEM			
DIMENSIONS OF CONVEYING CHAMBER	6" round	8" round	10" round
MAXIMUM CAPACITY BPH	1500	4000	6000
CHAIN TRAVEL (FPM)	338	329	348
HEAD SHAFT RPM	126	126	114
HOUSING GAUGE GALV.	16	14	12
PADDLES UHMW	3/8"	3/8"	1/2"
HEAD SHAFT DIA.	1 1/2"	2"	2"
BOOT SHAFT DIA.	1 1/2"	2"	2"
CONVEYOR CHAIN	81X	81X	81XHH
CONVEYOR SPROCKET	12 Tooth	12 Tooth	14 Tooth

DOUBLE RUN HORSEPOWER TABLE						
MODEL	ANGLE OF OPERATION	HORIZONTAL	15°	30°	45°	60°
6"	Horsepower Per Foot	.042	.062	.085	.120	.140
8"	Horsepower Per Foot	.076	.113	.167	.222	.270
10"	Horsepower Per Foot	.114	.170	.250	.333	.405



CROSS SECTION OF HOUSING

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## 1-800-523-6993

For more information.



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