

HUTCHINSON

PORTABLE SYSTEMS



8", 10" & 12" Swing-Away Augers

13" Swing-Away Augers & Hydraulic Drive Wheel Kit

Top Drive Augers

Mid-Drive Augers

Portable Grain Pumps

Portable Mass-Ter Mover

Trac Mass-Ter

Portable Squeeze Belt

Portable Single Belt Conveyor

Portable 36' & 50' Low Profile Commodity Conveyor

Roll-Away Hopper & Bucket Elevator Hopper

Drive-Over Chain Conveyor

Transfer Belt Hopper

Drive-Over Belt Conveyor & Hydraulic Power Unit

MOVES A WORLD OF GRAIN
Hutchinson
THE WORLD OVER



CENTRALSILO
systems Ltd

8", 10" & 12" SWING-AWAY AUGERS

Features like a fully hydraulic lift make Hutchinson the industry's premier auger line.

8", 10" and 12" Features:

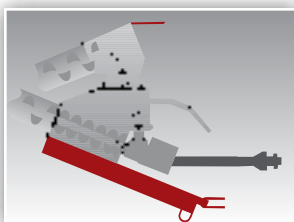
- Available in durable GALVANIZED or powder coat red finish.
- The Swing-Away Flex-Hopper is secured to either side of the main tube for transport.
- All gear drives are oil bath enclosed.
- Relief door in swing out hopper is secured by spring-loaded clips to protect the main auger from overloading.
- Spindle wheel hubs with tapered bearings provide smooth, reliable transport.
- The 10" x 82' model features 12 gauge housing and 35R drive line as standard equipment.

Swing-out hoppers are equipped with four wheels as standard equipment.



8", 10", & 12" SWING-AWAY AUGER SPECIFICATIONS						
MODEL	MAXIMUM DISCHARGE	OVERALL TREAD WIDTH	SWING-OUT HOPPER DIMENSIONS	*HOUSING	PTO POWER	CAPACITY
8" (20.3 cm) x 52' (15.9 m)	39'-0" (11.9 m)	8'-8" (2.7 m)	33 1/4" W x 60" L x 10 1/2" H (84 cm W x 152 cm L x 27 cm H)	14 Ga. (1.9 mm)	40 HP (30 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 62' (18.9 m)	45'-0" (13.7 m)	10'-4" (3.2 m)		14 Ga. (1.9 mm)	50 HP (37 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 72' (22 m)	52'-8" (16.0 m)	11'-2" (3.4 m)		14 Ga. (1.9 mm)	60 HP (45 kW)	3,200 BPH (86 TPH)
10" (25.4 cm) x 36' (11 m)	21'-0" (6.4 m)	8'-2" (2.5 m)	38 1/4" W x 60" L x 10 1/2" H (97 cm W x 152 cm L x 27 cm H)	14 or 12 Ga. (1.9 or 2.7 mm)	50 HP (37 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 52' (15.9 m)	38'-9" (11.8 m)	8'-8" (2.7 m)		14 or 12 Ga. (1.9 or 2.7 mm)	60 HP (45 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 62' (18.9 m)	44'-10" (13.7 m)	10'-4" (3.2 m)		14 or 12 Ga. (1.9 or 2.7 mm)	60 HP (45 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 72' (22 m)	52'-6" (16.0 m)	11'-2" (3.4 m)		14 or 12 Ga. (1.9 or 2.7 mm)	70 HP (52 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 82' (25 m)	53'-7" (16.3 m)	12'-0" (3.7 m)		14 or 12 Ga. (1.9 or 2.7 mm)	80 HP (60 kW)	4,500 BPH (122 TPH)
12" (30.5 cm) x 62' (18.9 m)	44'-0" (13.4 m)	10'-6" (3.2 m)	Standard Hopper - 33" W x 54" L x 14" H (84 cm W x 137 cm L x 36 cm H)	12 Ga. (2.7 mm)	80 HP (60 kW)	7,000 BPH (189 TPH)
12" (30.5 cm) x 72' (22 m)	51'-0" (15.5 m)	10'-6" (3.2 m)	Low Profile Hopper - 40" W x 54" L x 10 1/2" H (102 cm W x 137 cm L x 27 cm H)	12 Ga. (2.7 mm)	90 HP (67 kW)	7,000 BPH (189 TPH)
12" (30.5 cm) x 82' (25 m)	57'-0" (17.4 m)	11'-11" (3.7 m)		12 Ga. (2.7 mm)	100 HP (75 kW)	7,000 BPH (189 TPH)

*Models are available in Galvanized & Powder Coat Red.



The Power is transferred through the PTO to the main auger and swing-out hopper. A spring loaded door on the swing-out protects the main auger from overloading.



The Articulated Undercarriage with Hydraulic Cylinder Lift System takes the work out of raising and lowering the auger by utilizing the tractor hydraulic system. The sturdy undercarriage is designed with a combination of round and rectangular tubing and steel trussing.



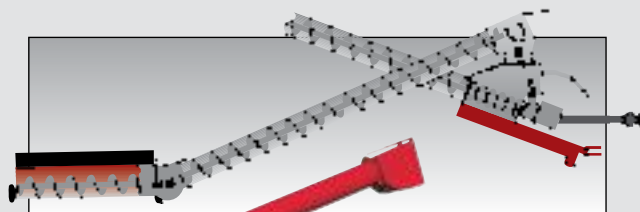
The Constant Velocity (CV) PTO automatically adjusts at all operating auger angles to provide smooth operation. A shear mechanism is a standard feature of the (CV) PTO, which provides overload protection for the auger.



The Main Tube features galvanized or powder coated paint for rugged dependability and extended life. All galvanized finishes must meet our stringent coating and quality standards.

HOPPER OPTIONS & FEATURES FOR 8", 10", 12" AND 13" MODELS

The 'Standard Lo-Pro Hopper' for 8" and 10" models incorporates the "Single Screw Low-Profile Hopper". The hopper design utilizes our Flexible Hopper Coupler box to maintain an overall low **hopper height of 10-1/2"**, a 'single' hopper flight specifically designed to match the high capacity of the main Swing-Away auger, plus a large hopper profile of 33-1/4" x 60" (84 cm x 152 cm) for 8" hoppers or 38-1/4" x 60" (97 cm x 152 cm) for 10" hoppers. The Lo-Profile Hoppers with dimensions of 40" x 66" (102 cm x 168 cm) is a twin screw model. All hoppers and their associated incline augers are of 1/4" flight standard.



Gear drive powered swing-away hopper shown.



For transport, the Swing-Away Flex Hopper can be placed on either the right or left side of the main auger. The lift arm can quickly be switched to the other side of the main auger. The Flex Hopper is transported in a near vertical position for ease of clean out and to keep moisture from accumulating in the hopper.

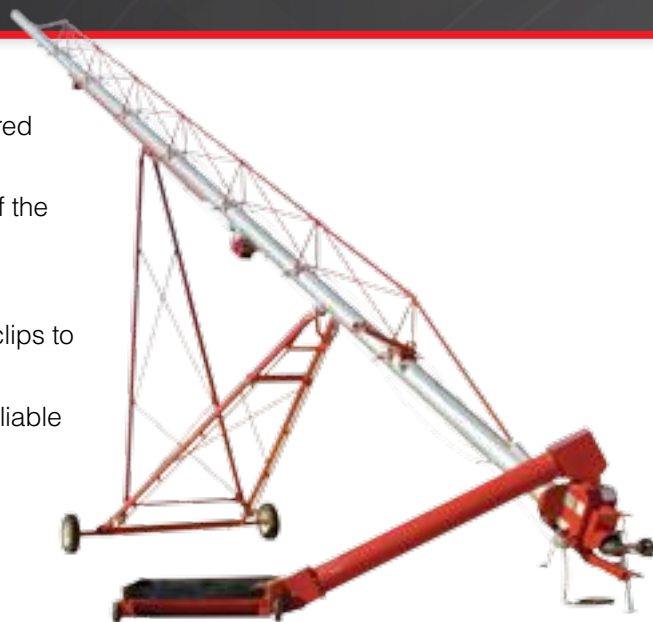


The Hutchinson Flex Angle design is unique in the industry, allowing the hopper to remain almost horizontal regardless of auger operating angle. The hinged cover permits easy service to the U-Joint.

13" SWING-AWAY AUGERS

13" Standard Features:

- The entire unit features a galvanized or durable powder coat red finish for maximum durability.
- The Swing-Away Flex-Hopper can easily pivot to either side of the main tube for complete versatility.
- All drive components are enclosed in oil bath housings.
- Relief door in swing out hopper is secured by spring-loaded clips to protect the main auger from overloading.
- Spindle wheel hubs with tapered bearings provide smooth, reliable transport.



13" SWING-AWAY AUGER SPECIFICATIONS

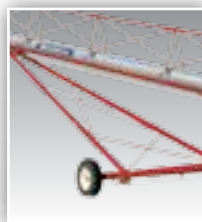
MODEL	MAXIMUM DISCHARGE	OVERALL TREAD WIDTH	SWING-OUT HOPPER DIMENSIONS	*HOUSING	PTO POWER	CAPACITY
13" (33 cm) x 62' (18.9 m)	41'-1" (12.5 m)	11'-0" (3.4 m)	40" W x 66" L x 10 1/2" H (102 cm W x 168 cm L x 27 cm H)	12 Ga. (2.7 mm)	100 HP (75 kW)	9,000 BPH (243 TPH)
13" (33 cm) x 72' (22 m)	47'-10" (14.6 m)	13'-0" (4.0 m)		12 Ga. (2.7 mm)	100 HP (75 kW)	9,000 BPH (243 TPH)
13" (33 cm) x 82' (25 m)	54'-3" (16.5 m)	11'-0" (3.4 m)		12 Ga. (2.7 mm)	110 HP (82 kW)	9,000 BPH (243 TPH)
13" (33 cm) x 92' (28 m)	58'-11" (18.0 m)	13'-0" (4.0 m)		12 Ga. (2.7 mm)	110 HP (82 kW)	9,000 BPH (243 TPH)
13" (33 cm) x 102' (31 m)	64'-8" (19.7 m)	13'-0" (4.0 m)		12 Ga. (2.7 mm)	120 HP (90 kW)	9,000 BPH (243 TPH)

*Models are available in Galvanized & Powder Coat Red.



HYDRAULIC WINCH SYSTEM

The hydraulic winch system takes the work out of raising and lowering the auger. The system provides an economical and dependable alternative to competitive units that rely on dual hydraulic cylinders that are susceptible to damage when fully extended on a unit this size.



HEAVY-DUTY TRUSSING

The larger 92' and 102' models use X-braced top mounted pipe with 3/8" (1cm) side-cable trussing for maximum support of the main tube. Heavy-duty aircraft cable provides trussing support on the 62', 72' and 82' models.



ADJUSTABLE HEAD STUB

The threaded head stub allows adjustments to ensure that the head bearing will share the flight thrust load with the main hopper inlet bearing, increasing bearing life.



INTERNAL GEAR DRIVE

The heavy duty Constant Velocity (CV) PTO automatically adjusts at all operating auger angles to provide smooth operation. A shear mechanism is a standard feature of the (CV) PTO, which provides overload protection for the auger.

WIDE-STANCE UNDERCARRIAGE

The scissor-type undercarriage features a wide stance that provides superior stability when fully extended or in the transport position.

(Available only on 82', 92', and 102' models)



EXPANDABLE AXLE PROVIDES STABILITY AND MORE CONVENIENT TRANSPORT WIDTH

SWING-AWAY AUGER OPTIONS

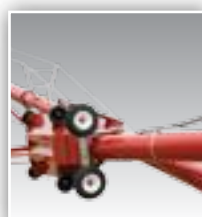
Hydraulic Drive Wheel Kit Features for 8", 10", 12" and 13" models

- Wheel kit adapts to either Standard or Low Profile Hopper.
- Hydraulically driven wheels quickly move hopper in and out of unloading position.
- Dual pneumatic lug tire design offers excellent traction in a variety of terrain conditions.
- Side wind jack quickly adjusts wheel ground pressure for variable conditions.
- Hydraulic valve can be mounted in various locations on the Swing-Away incline tube for convenient operation.
- Quickly installs with all necessary components included. Models are available for 8", 10", 12", and 13" Swing-Away augers.
- Includes hydraulic flow control valve and hydraulic hoses.



SIDE WIND JACK

This feature allows vertical adjustment for the drive wheels. The jack will extend down adding weight on the drive wheels for traction. This allows a simple mechanism for regulating the pressure needed for the drive to work efficiently.



EASE OF TRANSPORT

The hydraulic drive wheel kit will transport with the same ease as the swing-away hopper. This kit will rotate away from the main auger housing as it is raised into transport position.



OPTIONAL SIDE DRIVE

Where space is a problem, the Optional Side Drive allows the tractor to be operated at a right angle to the auger. This allows the swing-out hopper to be operated in line with the main auger.



OPTIONAL HYDRAULIC WINCH KIT for Swing-Away Hopper (13" Models)

The hydraulic winch provides a convenient option for raising the Swing-Away hopper into transport position. The tractor hydraulics makes this an effortless operation.

Additional Options Available

- 1/4" (6 mm) thick flighting
- Intermediate flight bearings
- 8-ply tires mounted at factory

6", 8" AND 10" TOP DRIVE AUGERS

Top Drive Auger Features:

- The main tube of the Top Drive is a durable galvanized or powder coated red (6" models are galvanized only). Heavy-duty aircraft cable with trussing aid in supporting the main auger.
- Wide wheel base design and scissor type undercarriage constructed of high strength steel that means greater stability during operation or while being towed. The tapered roller bearing hubs permit increased towing capability.
- A manual winch is standard equipment with labor saving hydraulic or electric winch options available. Hydraulic winch standard on larger 13" models.



TOP DRIVE AUGER SPECIFICATIONS

MODEL	MAXIMUM DISHCHARGE	TIRE CENTER TREAD WIDTH	*HOUSING	ELECTRIC POWER	CAPACITY
6" (15.2 cm) x 31' (9.5 m)	21'-8" (6.6 m)	6'-6" (2 m)	14 Ga. (1.9 mm)	5 HP (4 kW)	2,000 BPH (54 TPH)
6" (15.2 cm) x 41' (12.5 m)	29'-2" (8.9 m)	6'-6" (2 m)	14 Ga. (1.9 mm)	5 HP (4 kW)	2,000 BPH (54 TPH)
6" (15.2 cm) x 51' (15.5 m)	34'-8" (10.6 m)	7'-6" (2.3 m)	14 Ga. (1.9 mm)	7.5 HP (5.5 kW)	2,000 BPH (54 TPH)
6" (15.2 cm) x 61' (18.6 m)	43'-5" (13.2 m)	7'-6" (2.3 m)	14 Ga. (1.9 mm)	10 HP (7.5 kW)	2,000 BPH (54 TPH)
8" (20.3 cm) x 33' (10.1 m)	22'-6" (6.9 m)	5'-11" (1.8 m)	14 Ga. (1.9 mm)	5 HP (4 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 41' (12.5 m)	26'-0" (7.9 m)	6'-6" (2 m)	14 Ga. (1.9 mm)	7.5 HP (5.5 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 47' (14.3 m)	32'-0" (9.8 m)	6'-6" (2 m)	14 Ga. (1.9 mm)	7.5 HP (5.5 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 53' (16.2 m)	34'-0" (10.4 m)	7'-6" (2.3 m)	14 Ga. (1.9 mm)	10 HP (7.5 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 57' (17.4 m)	36'-6" (11.1 m)	8'-2" (2.5 m)	14 Ga. (1.9 mm)	10 HP (7.5 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 59' (18 m)	40'-0" (12.2 m)	8'-0" (2.4 m)	14 Ga. (1.9 mm)	15 HP (11 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 62' (18.9 m)	41'-0" (12.5 m)	8'-8" (2.7 m)	14 Ga. (1.9 mm)	15 HP (11 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 65' (19.8 m)	43'-0" (13.1 m)	8'-8" (2.7 m)	14 Ga. (1.9 mm)	15 HP (11 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 71' (21.6 m)	49'-0" (14.9 m)	8'-8" (2.7 m)	14 Ga. (1.9 mm)	20 HP (15 kW)	3,200 BPH (86 TPH)
10" (25.4 cm) x 31' (9.5 m)	19'-6" (5.9 m)	6'-7" (2 m)	14 or 12 Ga. (1.9 or 2.7 mm)	10 HP (7.5 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 35' (10.7 m)	21'-6" (6.6 m)	7'-3" (2.2 m)	14 or 12 Ga. (1.9 or 2.7 mm)	15 HP (11 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 41' (12.5 m)	26'-0" (7.9 m)	7'-3" (2.2 m)	14 or 12 Ga. (1.9 or 2.7 mm)	15 HP (11 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 51' (15.5 m)	34'-0" (10.4 m)	8'-2" (2.5 m)	14 or 12 Ga. (1.9 or 2.7 mm)	20 HP (15 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 57' (17.4 m)	37'-0" (11.3 m)	8'-8" (2.7 m)	14 or 12 Ga. (1.9 or 2.7 mm)	20 HP (15 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 61' (18.6 m)	41'-6" (12.7 m)	8'-8" (2.7 m)	14 or 12 Ga. (1.9 or 2.7 mm)	20 HP (15 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 65' (19.8 m)	43'-0" (13.1 m)	8'-8" (2.7 m)	14 or 12 Ga. (1.9 or 2.7 mm)	25 HP (18.5 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 71' (21.6 m)	49'-0" (14.9 m)	11'-11" (3.6 m)	14 or 12 Ga. (1.9 or 2.7 mm)	25 HP (18.5 kW)	4,500 BPH (122 TPH)

*6" models are available only in Galvanized. 8" and 10" models are available in Galvanized and Powder Coat Red.



CHOICE OF DRIVES

Your choice of PTO or Electric Drive (Electric not shown). The PTO drive can be driven from either side of the auger. A shear mechanism is incorporated in the PTO driveline for component protection. A band-on support provides a convenient method to carry the driveline during transport.



MAXIMUM CAPACITY INTAKE

The auger intake design provides maximum capacity and safety. Heavy duty flighting maximizes screw life. This 13" model features a jack for ease of hitching to the towing vehicle.



SEALED OIL BATH DRIVE

The sealed oil bath drive adds years of life to the drive chain and sprocket as a result of constant self-lubrication. All drivelines are solid steel and supported by low maintenance sealed bearings.

ADDITIONAL OPTIONS

- Internal bearings on all models.
- Heavy gauge flight on all models.
- Heavy 12 gauge tube on 10" models.

13" TOP DRIVE AUGERS

13" Top Drive Auger Features:

- 13" (33.0 cm) x 12 gauge (2.7 mm) galvanized or powder coat red tubular housing.
- 1/4" (6 mm) thick flighting gauge – standard.
- Intake Guard with Hitch.
- Hitch Jack – Standard Equipment.
- Oil Bath Double Gearbox Head Drive.
- 16" Rims.
- PTO or Electric Drive Options – Incorporates oil lubricated gear drive.

Product Advantages:

- Hydraulic powered winch for smooth undercarriage lifting.
- Optional Electric winch available for undercarriage.
- Optional hopper with collapsible feature for transport.
- 82' model incorporates adjustable axle width at transport.

LENGTHS AVAILABLE

36' (11m)
65' (19.8m)
72' (22m)
82' (25m)



TOP DRIVE AUGER SPECIFICATIONS

MODEL	MAXIMUM DISCHARGE	TIRE CENTER TREAD WIDTH	*HOUSING	ELECTRIC POWER	CAPACITY
13" (33.0 cm) x 36' (11 m)	23'-3" (7.1 m)	8'-2" (2.5 m)	12 Ga. (2.7 mm)	25 HP (18.5 kW)	7,500 BPH (200 TPH)
13" (33.0 cm) x 65' (19.8 m)	43'-0" (13.1 m)	13'-0" (4 m)	12 Ga. (2.7 mm)	40 HP (30 kW)	7,500 BPH (200 TPH)
13" (33.0 cm) x 72' (22 m)	47'-6" (14.5 m)	13'-0" (4 m)	12 Ga. (2.7 mm)	40 HP (30 kW)	7,500 BPH (200 TPH)
13" (33.0 cm) x 82' (25 m)	51'-0" (15.5 m)	9'-8" (3 m)	12 Ga. (2.7 mm)	50 HP (37 kW)	7,500 BPH (200 TPH)

*Models are available in Galvanized & Power Coat Red.



**DOUBLE GEARBOX
HEAD DRIVE**



ELECTRIC DRIVE OPTION



PTO DRIVE OPTION



INTAKE WITH JACK

MID-DRIVE AUGER

The unique "Mid-Drive" design features an internally mounted gearbox inside of an expanded, rolled steel bell housing with access door. Auger flighting is positioned to allow a high volume of unrestricted grain flow around the internal gearbox. A new intake design utilizes a cupped intake guard to offer a high capacity, complete cleanout operation. A specially engineered hopper bolts directly on top of the intake guard, further enhancing the augers capacity.

Mid-Drive Auger Features:

- Available in electric or PTO drive.
- Both options are fully shielded and conveniently located for safe operation. The PTO can be positioned to operate from either the left or right side of the auger. A lockable carrier for transport is standard.
- Wide stance for added stability when towing or in the raised position. Wheel hubs with tapered roller bearings provide smooth, reliable transport.
- Trolley assembly steel rollers are used on a double angle-iron track for smoother operation.



MID-DRIVE AUGER SPECIFICATIONS					
MODEL	MAXIMUM DISCHARGE	OVERALL TREAD WIDTH	*HOUSING	ELECTRIC POWER	CAPACITY
8" (20.3 cm) x 32' (9.8 m)	21'-8" (6.6 m)	7'-3" (5.2 m)	14 Ga. (1.9 mm)	N/A	3,200 BPH (86 TPH)
8" (20.3 cm) x 37' (11.3 m)	24'-0" (7.3 m)	9'-0" (2.74 m)	14 Ga. (1.9 mm)	7.5 HP (5.5 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 42' (12.8 m)	26'-6" (8.1 m)	9'-0" (2.74 m)	14 Ga. (1.9 mm)	10 HP (7.5 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 52' (15.9 m)	33'-10" (10.3 m)	9'-0" (2.74 m)	14 Ga. (1.9 mm)	10 HP (7.5 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 62' (18.9 m)	41'-2" (12.6 m)	9'-0" (2.74 m)	14 Ga. (1.9 mm)	15 HP (11 kW)	3,200 BPH (86 TPH)
8" (20.3 cm) x 72' (22 m)	49'-0" (15 m)	11'-2" (3.4 m)	14 Ga. (1.9 mm)	20 HP (15 kW)	3,200 BPH (86 TPH)
10" (25.4 cm) x 32' (9.8 m)	21'-0" (6.4 m)	7'-3" (5.2 m)	14 or 12 Ga. (1.9 or 2.7 mm)	N/A	4,500 BPH (122 TPH)
10" (25.4 cm) x 37' (11.3 m)	23'-10" (7.3 m)	9'-0" (2.74 m)	14 or 12 Ga. (1.9 or 2.7 mm)	15 HP (11 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 42' (12.8 m)	28'-11" (8.8 m)	9'-0" (2.74 m)	14 or 12 Ga. (1.9 or 2.7 mm)	15 HP (11 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 52' (15.9 m)	35'-1" (10.7 m)	9'-0" (2.74 m)	14 or 12 Ga. (1.9 or 2.7 mm)	15 HP (11 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 62' (18.9 m)	42'-1" (12.8 m)	9'-0" (2.74 m)	14 or 12 Ga. (1.9 or 2.7 mm)	20 HP (15 kW)	4,500 BPH (122 TPH)
10" (25.4 cm) x 72' (22 m)	49'-0" (14.9 m)	11'-2" (3.4 m)	14 or 12 Ga. (1.9 or 2.7 mm)	30 HP (22 kW)	4,500 BPH (122 TPH)

*Models are available in Galvanized & Powder Coat Red.



MID-DRIVE GEARBOX

The Mid-Drive gearbox connects to the upper and lower flighting in the middle of the grain flow. The outer tube is expanded to allow unobstructed and efficient flow of grain past the gear drive section. This design proves to be both economical and low maintenance in operation.



UNIQUE INTAKE DESIGN

The intake features a unique rolled bottom for enhanced feeding and ease of cleanout during operation. Shown with optional hopper and belting kit.



OPTIONAL BOLT-ON HOPPER

A specially engineered hopper quickly bolts directly on top of the intake guard, further enhancing the augers capacity.



ELECTRIC MOTOR MOUNT

An electric motor mount is available which mounts directly to the tube. The motor mount is adjustable to adapt to most farm use motors. Belts and auger sheave are standard.

ROLL-AWAY HOPPER & BUCKET ELEVATOR HOPPER

The Roll-Away Hopper from Hutchinson is designed for convenience and versatility. For fast and convenient unloading, the Roll-Away Hopper facilitates various applications such as feeding portable augers, cleaners or anything with a high intake or otherwise limited access. Low clearance capabilities allow for easy pickup from horizontal bin unloaders, gravity wagons, hopper bottom semi-trucks or other applications. Wheels for the hopper can be positioned allowing for side to side or forward movement. Special length inclined sections may also be ordered.



*Electric Drive shown
(Hydraulic Drive available)*

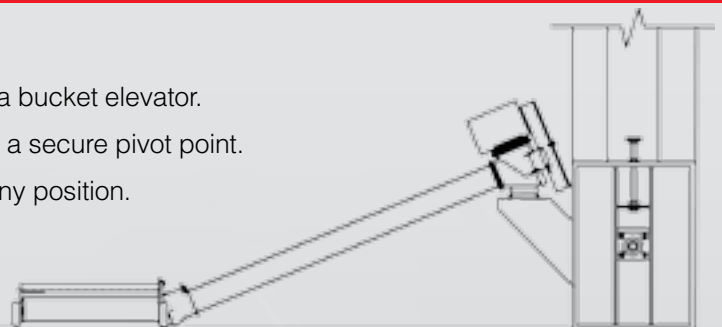
ROLL-AWAY HOPPER SPECIFICATIONS					
MODEL	DISCHARGE HEIGHT	HOPPER DIMENSIONS	GALVANIZED HOUSING	ELECTRIC POWER	CAPACITY
8" (20.3 cm)	32 1/2" (82.6 cm)	33 1/4" W x 60" L x 10 1/2" H (84 cm W x 152 cm L x 27 cm H)	14 Ga. (1.9 mm)	3 HP (2.2 kW)	3,200 BPH (86 TPH)
10" (25.4 cm)	30 3/4" (78.1 cm)	38 1/4" W x 60" L x 10 1/2" H (97 cm W x 152 cm L x 27 cm H)	14 Ga. (1.9 mm)	5 HP (4 kW)	4,500 BPH (122 TPH)
12" (30.5 cm)	30" (76.2 cm)	33" W x 54" L x 14" H (84 cm W x 137 cm L x 36 cm H)	12 Ga. (2.7 mm)	7.5 HP (5.5 kW)	7,000 BPH (189 TPH)
12" (30.5 cm) Low	30" (76.2 cm)	40" W x 54" L x 10 1/2" H (102 cm W x 137 cm L x 27 cm H)	12 Ga. (2.7 mm)	7.5 HP (5.5 kW)	7,000 BPH (189 TPH)

IMPORTANT: Keep all shields and safety devices in place at all times. Observe all safety signs and warnings shown on the product and in the operator's manual.

Hutchinson reserves the right to change design and/or specifications without notice or obligation.

Bucket Elevator Hopper Features:

- This unit provides a convenient method to unload into a bucket elevator.
- A swivel ring arrangement at the discharge end allows a secure pivot point.
- The flex angle connection provides a level hopper in any position.
- Unit designed for electric drive operation.



SWING-AWAY HOPPER for BUCKET ELEVATOR SPECIFICATIONS					
MODEL	MAX DISCHARGE HEIGHT	HOPPER DIMENSIONS	POWDER COATED HOUSING	ELECTRIC POWER	CAPACITY
8" (20.3 cm)	60 3/4" (1.54 m)	33 1/4" Wide x 60" Long x 10 1/2" High (84 cm Wide x 152 cm Long x 27 cm High)	14 Ga. (1.9 mm)	3 - 5 HP (2.2 - 4 kW)	3,200 BPH (86 TPH)
10" (25.4 cm)	64 1/4" (1.63 m)	38 1/4" Wide x 60" Long x 10 1/2" High (97 cm Wide x 152 cm Long x 27 cm High)	14 Ga. (1.9 mm)	5 - 7 1/2 HP (4 - 5.5 kW)	4,500 BPH (122 TPH)
12" (30.5 cm)	62 3/4" (1.59 m)	33" Wide x 54" Long x 14" high (84 cm Wide x 137 cm Long x 36 cm High)	12 Ga. (2.7 mm)	7 1/2 - 10 HP (5.5 - 7.5 kW)	7,000 BPH (189 TPH)
12" Low (30.5 cm)	62 3/4" (1.59 m)	40" Wide x 54" Long x 10 1/2" High (102 cm Wide x 137 cm Long x 27 cm High)	12 Ga. (2.7 mm)	7 1/2 - 10 HP (5.5 - 7.5 kW)	7,000 BPH (189 TPH)

PORTABLE GRAIN PUMPS

Portable 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.



PORTABLE GRAIN PUMP SPECIFICATIONS						
MODEL	MAXIMUM DISCHARGE	OVERALL TREAD WIDTH	GALVANIZED HOUSING	CONVEYOR CHAIN	ELECTRIC POWER	CAPACITY
8" (20.3 cm) x 42' (12.8 m)	24'-2" (7.4 m)	9'-6" (2.9 m)	14 Ga. (1.9 mm)	81X	10 HP (7.5 kW)	4,000 BPH (108 TPH)
8" (20.3 cm) x 52' (15.9 m)	31'-7" (9.6 m)	9'-6" (2.9 m)	14 Ga. (1.9 mm)	81X	15 HP (11 kW)	4,000 BPH (108 TPH)
8" (20.3 cm) x 62' (18.9 m)	38'-0" (11.6 m)	10'-10" (3.3 m)	14 Ga. (1.9 mm)	81X	15 HP (11 kW)	4,000 BPH (108 TPH)
8" (20.3 cm) x 72' (22 m)	44'-3" (13.5 m)	12'-10" (3.9 m)	14 Ga. (1.9 mm)	81X	20 HP (15 kW)	4,000 BPH (108 TPH)
10" (25.4 cm) x 72' (22 m)	45'-8" (13.9 m)	12'-10" (3.9 m)	12 Ga. (2.7 mm)	81XHH	25 HP (18.5 kW)	6,000 BPH (162 TPH)
10" (25.4 cm) x 82' (25 m)	51'-2" (15.6 m)	12'-10" (3.9 m)	12 Ga. (2.7 mm)	81XHH	30 HP (22 kW)	6,000 BPH (162 TPH)



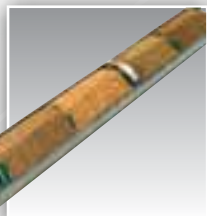
HEAD CHAIN ADJUSTMENT

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



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



HEAVY DUTY ENCLOSED GEAR BOX

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

PORTABLE MASS-TER MOVER

The MASS-TER MOVER line is Hutchinson's answer to "en masse" conveying systems. You get top performance, long life and reliability with minimum maintenance engineered into each component.

Mass-ter® Mover Features

- Requires less horsepower than a screw conveyor.
- 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.

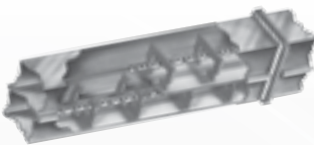


PORTABLE MASS-TER MOVER SPECIFICATIONS

MODEL	LENGTH	MAXIMUM DISCHARGE	TIRE CENTER TREAD WIDTH	GALVANIZED HOUSING	CONVEYOR CHAIN	CHAIN SPEED	ELECTRIC POWER	CAPACITY
50	40' (12.2 m)	24'-0" (7.3 m)	8'-2" (2.5 m)	10 Ga. (3.4 mm)	81XHH	310 FPM (95 mpm)	15 HP (11 kW)	5,000 BPH (135 TPH)
50	50' (15.2 m)	34'-0" (10.4 m)	8'-9" (2.7 m)	10 Ga. (3.4 mm)	81XHH	310 FPM (95 mpm)	15 HP (11 kW)	5,000 BPH (135 TPH)
50	60' (18.3 m)	40'-7" (12.4 m)	8'-9" (2.7 m)	10 Ga. (3.4 mm)	81XHH	310 FPM (95 mpm)	20 HP (15 kW)	5,000 BPH (135 TPH)
50	65' (19.8 m)	44'-1" (13.4 m)	8'-9" (2.7 m)	10 Ga. (3.4 mm)	81XHH	310 FPM (95 mpm)	20 HP (15 kW)	5,000 BPH (135 TPH)
50	70' (21.3 m)	43'-1" (13.1 m)	10'-11" (3.3 m)	10 Ga. (3.4 mm)	81XHH	310 FPM (95 mpm)	20 HP (15 kW)	5,000 BPH (135 TPH)
50	80' (24.4 m)	49'-6" (15.1 m)	11'-11" (3.6 m)	10 Ga. (3.4 mm)	81XHH	310 FPM (95 mpm)	25 HP (18.5 kW)	5,000 BPH (135 TPH)
50	90' (27.4 m)	55'-11" (17 m)	14'-3" (4.3 m)	10 Ga. (3.4 mm)	81XHH	310 FPM (95 mpm)	25 HP (18.5 kW)	5,000 BPH (135 TPH)
50	100' (30.5 m)	62'-4" (19 m)	14'-3" (4.3 m)	10 Ga. (3.4 mm)	81XHH	310 FPM (95 mpm)	25 HP (18.5 kW)	5,000 BPH (135 TPH)
85	40' (12.2 m)	24'-4" (7.4 m)	9'-0" (2.74 m)	10 Ga. (3.4 mm)	81XHH	400 FPM (122 mpm)	20 HP (15 kW)	10,000 BPH (270 TPH)
85	65' (19.8 m)	40'-5" (12.3 m)	12'-0" (3.7 m)	10 Ga. (3.4 mm)	81XHH	400 FPM (122 mpm)	30 HP (22 kW)	10,000 BPH (270 TPH)
85	70' (21.3 m)	43'-8" (13.3 m)	12'-0" (3.7 m)	10 Ga. (3.4 mm)	81XHH	400 FPM (122 mpm)	40 HP (30 kW)	10,000 BPH (270 TPH)
85	80' (24.4 m)	50'-3" (15.3 m)	11'-8" (3.6 m)	10 Ga. (3.4 mm)	81XHH	400 FPM (122 mpm)	40 HP (30 kW)	10,000 BPH (270 TPH)
85	90' (27.4 m)	57'-3" (17.5 m)	11'-8" (3.6 m)	10 Ga. (3.4 mm)	81XHH	400 FPM (122 mpm)	50 HP (37 kW)	10,000 BPH (270 TPH)

MASS-TER® MOVER'S UNIQUE CHAIN AND PADDLE DESIGN

The unique shape of tough UHMW paddles maintains full chamber movement of grain ... without fall-back. The open centers of the paddles provide relief when starting under a full load. And, our square paddle" propulsion system requires less horsepower than a screw conveyor – up to 30% energy savings can be gained! Whether you're starting from the ground up, or updating your present facilities, you'll find the Hutchinson Mass-ter Mover® ready to meet your demands.



PTO DRIVE

The PTO drive provides a sheer mechanism into the PTO driveline for component protection.



ELECTRIC DRIVE

Electric drive arrangement shown with optional 12" (30.5 cm) inlet hopper extension.



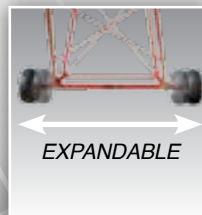
HYDRAULIC WINCH SYSTEM

The hydraulic winch that is standard on longer units provides a smooth dependable method to raise and lower the conveyor. An optional electric winch is available for selected lengths.



EXPANDABLE AXLE

Available on Model 85 – 80' and 90' units, the expandable axle provides stability and a more convenient transport width.



TRAC MASS-TER

The Hutchinson Trac Mass-ter is a unique conveyor. Two industry-preferred conveying methods are combined to maximize efficiency and minimize wear. A large diameter, low speed screw in the hopper moves grain to the inclined chain conveyor where UHMW paddles quickly but gently carry the material from intake to discharge. Patterned after the model 85 Mass-ter Mover, the Trac Mass-ter incline conveyor is a versatile performer that has been utilized in horizontal or inclined applications on many large farms and commercial operations. It performs well where low horsepower requirements, quiet operation, gentle handling and longevity are important. Combined with the large 16" screw conveyor intake, this product is ready for those jobs requiring day after day operation.

Trac Mass-Ter Features:

- Operate from the comfort of a tractor cab.
- Attachment to the tractor is as quick as aligning and installing three pins followed by hydraulic and PTO connections. With attachments at the front and rear of the tractor, the conveyor moves with the tractor just as a mounted unit.
- Totally self-supporting undercarriage, even when not attached to the tractor.



Accessories

- Hydraulic Adjustable Spout
- Hydraulic Swivel Spout
- Enclosed Intake Hopper Assembly
- Adaptor kit for Cat. #3 three-point hitch.

TRAC MASS-TER SPECIFICATIONS							
LENGTH	MAXIMUM DISCHARGE	OVERALL TREAD WIDTH	GALVANIZED HOUSING	CONVEYOR CHAIN	CHAIN SPEED	PTO POWER	CAPACITY
40' (12.2 m)	21'-6" (6.6 m)	13'-4" (4.1 m)	10 Ga. (3.4 mm) Bottom	81XHH	397 FPM (121 mpm)	90 HP (67 kW)	10,000 BPH (270 TPH)



HYDRAULIC LIFT UNDERCARRIAGE

Raising and lowering is done easily and smoothly with your tractor's hydraulics.



OPTIONAL INTAKE HOPPER ASSEMBLY

Use the Optional Intake Hopper to fill your flat storage facilities.



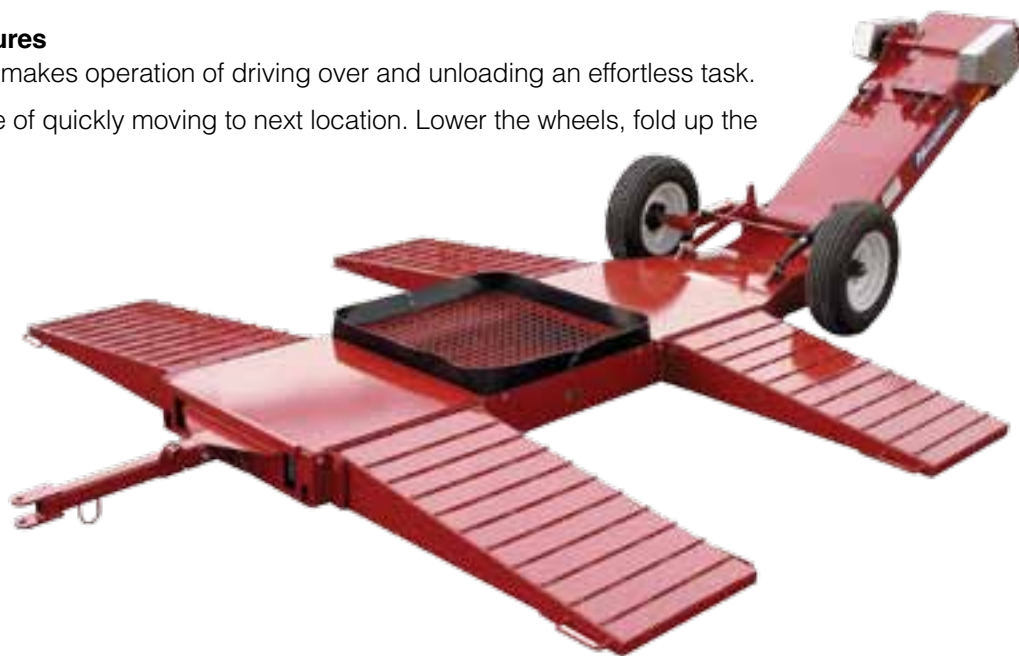
OPTIONAL HYDRAULIC ADJUSTABLE SPOUT

Use the Optional Hydraulic Swivel Spout to vary the discharge point to facilitate truck load out.

DRIVE-OVER CHAIN CONVEYOR

Drive-Over Chain Conveyor Features

- Low profile 8 3/4" (22.2 cm) unit makes operation of driving over and unloading an effortless task.
- Portability provides convenience of quickly moving to next location. Lower the wheels, fold up the ramps and you are ready to go.



DRIVE-OVER CHAIN CONVEYOR SPECIFICATIONS

DISCHARGE HEIGHT	OVERALL TREAD WIDTH	HOPPER BOTTOM	CONVEYOR CHAIN	CHAIN SPEED	ELECTRIC POWER	CAPACITY
3'-1" (.94 m)	5'-1" (1.6 m)	7 Ga. (4.5 mm)	CA550	385 FPM (117 mpm)	10 HP (7.5 kW)	8000 BPH (216 TPH)



Electric jack shaft drive furnishes an economical, reliable drive. Hydraulic motor drive is also available.



Reinforced ramps will fold for narrow transport width.



Rotating the axle by employing the ratchet jack along with using the hitch jack allows easy conversion for hopper transportation.



Removable hitch allows for additional operator convenience during operation.



Optional side unload kit.

PORTABLE SQUEEZE BELT

Portable Squeeze Belt Features

- Integrated Intake Feeder Conveyor with independent adjustable hopper side panels.
- Wind guards are standard for belt protection and safety. Rollers are strategically located to reduce friction and wear on the belts.
- Exclusive Belt Alignment Guide Rollers maintain proper belt tracking for optimum belt life.



PORTABLE SQUEEZE BELT SPECIFICATIONS

MODEL	MAXIMUM DISCHARGE	OVERALL TREAD WIDTH	TUBE HOUSING	CONVEYOR BELT	ELECTRIC POWER	CAPACITY
35' (10.7 m)	19'-1" (5.8 m)	8'-2" (2.5 m)	10" (25.4 cm) O.D. x 12 Ga. (2.7 mm) Galv.	15" (38 cm) PVC	25 HP (18.5 kW)	4000-9000 BPH (108-243 TPH)
45' (13.7 m)	24'-10" (7.6 m)	9'-5" (2.9 m)	10" (25.4 cm) O.D. x 12 Ga. (2.7 mm) Galv.	15" (38 cm) PVC	30 HP (22 kW)	4000-9000 BPH (108-243 TPH)
60' (18.3 m)	36'-5" (11.1 m)	10'-10" (3.3 m)	10" (25.4 cm) O.D. x 12 Ga. (2.7 mm) Galv.	15" (38 cm) PVC	40 HP (30 kW)	4000-9000 BPH (108-243 TPH)
70' (21.3 m)	42'-3" (12.9 m)	12'-8" (3.9 m)	10" (25.4 cm) O.D. x 12 Ga. (2.7 mm) Galv.	15" (38 cm) PVC	50 HP (37 kW)	4000-9000 BPH (108-243 TPH)
90' (27.4 m)	54'-7" (16.6 m)	14'-8" (4.5 m)	10" (25.4 cm) O.D. x 12 Ga. (2.7 mm) Galv.	15" (38 cm) PVC	60 HP (45 kW)	4000-9000 BPH (108-243 TPH)



The gentle squeeze of the bottom and top belts convey more volume up steeper inclines with less product damage.



The Intake Feeder Conveyor folds back over the main drive assembly during transport. Also adjusts for optimum feed of commodity between the two squeeze belts at different conveyor incline angles.

BENEFITS OF THE SQUEEZE BELT® CONVEYOR

Capacity: Capacities up to 9,000 BPH (243 TPH), based on the drive selection and desired belt speed.

Constant Capacity: Based on dry corn at 35 degree inclines the Squeeze Belt® Conveyor out performs all other single belt conveyors by preventing product roll back.

Gentle Handling: The Squeeze Belt® technology maintains grain quality and protects seed germination by gently squeezing a volume of product between two moving belts.

Long Life Characteristics: Belts, transition pans and our unique belt roller guide system were designed for long lasting performance with two heavy-duty two-ply 15" Crescent Top PVC belts with nylon slider backs. Belt life is rated at 3,000 hours of operation.

Energy Efficient: The Squeeze Belt® Conveyor offers long-term energy savings for the amount of horsepower required versus the amount of grain moved.

Design: All units feature a durable powder coat finish. The main housing is a rugged 10" galvanized tube for maximum durability.

Drive Options: Both PTO Drive and Electric Drive options are available.

Squeeze Belt® Conveyor Accessories: Seed Hopper Attachment, Dolly Wheel, Swivel Arc Axles, and Discharge Diverter.

*U.S. Patent: 6,484,870

PORTABLE SINGLE BELT CONVEYOR

Belt Conveyor Standard Features:

- The unit features a durable powder coat finish. The main housing features a rugged galvanized finish for maximum durability.
- Capacities range from up to 6,000 BPH (162 TPH) depending on incline angle.
- Belt conveyor system provides gentle handling and higher capacity than the same size screw conveyor.
- 10" diameter galvanized main tube available in 60', 70' and 85' lengths.
- Low-maintenance/long wear. Engineered for long lasting performance with heavy-duty two ply 15" Crescent Top PVC belting with nylon slider back.
- Belt life rated at 3,000 hours.
- Low horsepower-unique design. Requires only half the horsepower of comparable length screw conveyors – greatly reducing energy consumption.



PORTABLE SINGLE BELT SPECIFICATIONS

MODEL	MAXIMUM DISCHARGE	OVERALL TREAD WIDTH	TUBE HOUSING	CONVEYOR BELT	ELECTRIC POWER	CAPACITY
60' (18.3 m)	29'-2" (8.9 m)	10'-4" (3.2 m)	10" (25.4 cm) O.D. x 12 Ga. (2.7 mm) Galv.	15" (38 cm) PVC or Rubber	15 HP (11 kW)	6,000 BPH (162 TPH)
70' (21.3 m)	34'-2" (10.4 m)	11'-2" (3.4 m)	10" (25.4 cm) O.D. x 12 Ga. (2.7 mm) Galv.	15" (38 cm) PVC or Rubber	15 HP (11 kW)	6,000 BPH (162 TPH)
85' (25.9 m)	41'-8" (12.7 m)	12'-8" (3.9 m)	10" (25.4 cm) O.D. x 12 Ga. (2.7 mm) Galv.	15" (38 cm) PVC or Rubber	20 HP (15 kW)	6,000 BPH (162 TPH)



INTAKE/BELT DESIGN

The intake area is designed to provide maximum system capacity. The belt is gently transitioned from the flat position through our exclusive formed intake into the tube. This design maximizes through capacity while gently moving the product. The intake design features a spring-loaded flexible hopper designed to offer a gentle cushion for all grains.



ADJUSTABLE BELT DISCHARGE

All pulleys are wider than the actual belt (per CEMA recommendations). The position of the belt can be quickly and simply adjusted using our exclusive pulley angle adjustment (see inset). Controlling the belt position on the pulley prevents possible edge damage that can be encountered on competitive models.



CHOICE OF DRIVES

Select from your choice of PTO or Electric Drive options. Both are designed to provide smooth, consistent performance. A band-on support provides a convenient method to carry the PTO driveline during transport. All belts and pulleys on the Electric Drive model are fully enclosed for safe operation.



AUTOMATIC BELT TENSIONER

A spring-loaded belt tensioner on the take-up pulley along with 200 degrees of belt wrap on the lagged drive pulley allows use of lower belt tensions and reduces the chance of belt slippage.

PORTABLE 36' & 50' LOW PROFILE COMMODITY CONVEYOR



PORTABLE SINGLE BELT SPECIFICATIONS

MODEL	MAXIMUM DISCHARGE	OVERALL TREAD WIDTH	TUBE HOUSING	CONVEYOR BELT	ELECTRIC POWER	CAPACITY
36' (11 m)	16'-3" (5 m)	9'-5" (2.9 m)	10" (25.4 cm) O.D. x 12 Ga. (2.7 mm) Galv.	15" (38 cm) Rubber or PVC	10 HP (7.5 kW)	4,000 BPH (108 TPH)
50' (15.2 m)	21'-5" (6.5 m)	9'-5" (2.9 m)	10" (25.4 cm) O.D. x 12 Ga. (2.7 mm) Galv.	15" (38 cm) Rubber or PVC	15 HP (11 kW)	4,000 BPH (108 TPH)



SPRING-LOADED TAKE-UP
(36' Model)



SPRING-LOADED TAKE-UP
(50' Model)



BELT ALIGNMENT ROLLER GUIDE



**CANVAS HOPPER 35" (899 mm)
X 65" (1,651 mm)**
9 7/8" Hopper height with canvas
in lowest position with end wheels
installed

TRANSFER BELT HOPPER

Transfer Belt Hopper Features

- The low profile hopper requires only 9 7/8" (19 cm) of clearance with end wheels installed. A spring-loaded canvas extension expands capacity and productivity.



TRANSFER BELT HOPPER SPECIFICATIONS

DISCHARGE HEIGHT	OVERALL TREAD WIDTH	HOPPER DIMENSIONS	TUBE HOUSING	CONVEYOR BELT	ELECTRIC POWER	CAPACITY
30" - 49" (76-125 cm)	3'-0" (91 cm)	35" Wide x 65" Long x 9 7/8" High (89 cm Wide x 165 cm Long x 19 cm High)	10" (25.4 cm) O.D. x 12 Ga. (2.7 mm) Galv.	15" (38 cm) Rubber or PVC	5 HP (4 kW)	6,000 BPH (162 TPH)



DRIVE OPTIONS

The Portable Belt Conveyor Transfer Hopper can be powered by your choice of a 5 hp (4 kW) Electric Motor (not included) or a Hydraulic Motor.



SWING-AWAY KIT

The optional Swing-Away Kit includes hopper pivot wheels and a discharge spout swivel bracket. This kit allows the portable unit to be adapted to an existing Hutchinson or Mayrath Portable Belt Conveyor for added versatility on your operation.



INTEGRATED INCLINE ADJUSTMENT

A jack stand integrated into the side of the unit lets you quickly adjust the incline of the discharge.



HYDRAULIC END WHEEL DRIVE KIT

This option hydraulically drives the end wheel to quickly and easily move the hopper in and out of unloading position. Use this in conjunction with the Swing-Away Kit above.



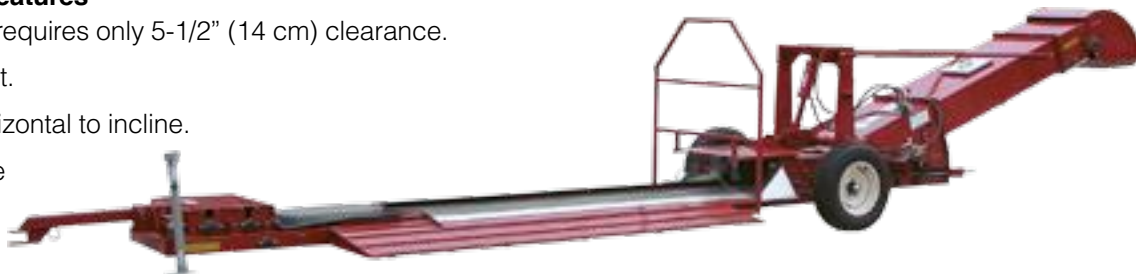
TOWING KIT

The optional Towing Kit includes the basic undercarriage with roadway wheels, tires and hitch.

DRIVE-OVER BELT CONVEYOR & HYDRAULIC POWER

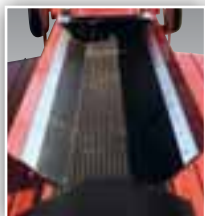
Drive-Over Belt Conveyor Features

- Low drive-over clearance requires only 5-1/2" (14 cm) clearance.
- Extra wide 24" (61 cm) belt.
- Smooth transition from horizontal to incline.
- Optional greater discharge height (non-portable units only).
- Higher capacity with lower belt speeds.
- Drive choices.
- Receive from side dump wagons, as well as bottom dump and rear dump vehicles.
- S-type drive on return belt for greater drive efficiency and lower belt tension requirements. Includes snub pulley to give greater wrap at drive pulley for slip-free operation.
- Spring-loaded belt take-up for lower operating belt tensions.
- Guide roller assembly to keep belt tracking properly.
- Removable hitch tube.
- Self-cleaning wing type tail pulley.



DRIVE-OVER BELT CONVEYOR & HYDRAULIC POWER UNIT SPECIFICATIONS

DISCHARGE HEIGHT	OVERALL TREAD WIDTH	HOPPER DIMENSIONS	CONVEYOR BELT	BELT SPEED	ELECTRIC POWER	CAPACITY
3' - 4" (1 mm)	7'-0" (91 cm)	32" Wide x 120" Long x 5 1/2" High (81 cm Wide x 3 m Long x 14 cm High)	24" (61 cm) PVC	600-800 FPM (180-245 mpm)	10 HP (7.5kW)	10,000 BPH (270 TPH)



BELT DESIGN

The 24" (61 cm) belt features a PVC crescent pattern with slider bed backing, stainless steel belt splice and a 42 1/2" (107 cm) wide hopper dump area.



SPRING-LOADED BELT TAKE UP

The spring-loaded belt take up enables greater drive efficiency and lower belt tension requirements. Includes snub pulley for slip-free operation.



BELT ALIGNMENT GUIDE

Exclusive belt alignment guide rollers maintain proper belt tracking for optimum belt life.



DRIVE-OVER

The full 7' x 10' (2 x 3 m) wide area provides a convenient, safe design for high capacity dumping. The system is engineered so the ramps and dumping area are fully integrated into a single unit. The low profile drive-over only requires a minimal 5-1/2" (14 cm) clearance.



EXCLUSIVE WALK ACROSS PLATFORM AND HANDRAIL

The walk across platform provides safety and accessibility when unloading semi trailers and other grain hauling equipment.



INCLINE LENGTH

Standard incline section length is 64" (163 cm). On non-portable units a 64" (163 cm) incline section extension may be requested, which provides up to 20" (51 cm) of additional discharge height.



DISCHARGE SPOUT

The large discharge outlet features a full 16" x 21" (41 x 53 cm) rectangular outlet. The spout is fully adjustable and sits a full 3'-4" (102 cm) above the ground.



UNDERCARRIAGE

The system rotates using a hydraulic cylinder for lift as standard equipment.

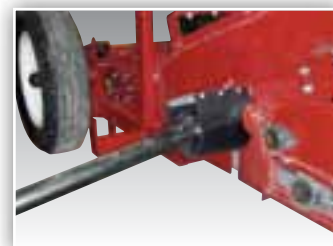
DRIVE OPTIONS



Hydraulic Drive
(shown with optional valve kit)



Electric Drive



PTO Drive

Portable Hydraulic Power Unit Features

- Large 50 gallon (190 liter) hydraulic oil reservoir assures optimum operating oil temperatures.
- The heart of the hydraulic system is the variable volume pressure compensated pump that is capable of delivering up to 20 gallons (76 liter) per minute to any drive motor.
- The PTO input from the tractor drives a power shaft which in turn provides PTO output to a piece of driven auxiliary equipment. Also powered from the power shaft (through a V-belt drive) is a variable volume pressure compensated hydraulic pump. The power unit allows the use of existing older tractors that do not have hydraulic systems designed for continuous operation of hydraulic motors. It also saves wear and tear of a new tractor used for this purpose, when it can be avoided.



PLUMBING CONTROLS

The appropriate control valves, pressure relief valves, check valves, hoses and filters are integral to the unit. Also provided are two 3/4" x 20' (1.9 cm x 6.1 m) long hoses with quick disconnect fittings.



PORTABILITY OPTIONS

The unit can either be towed on the 15" (38 cm) wheels and tires using the removable hitch provided or the unit can be mounted to a category 2, tractor 3-point hitch.

THE HUTCHINSON PRODUCT LINE

HUTCHINSON
BIN UNLOADING SYSTEMS



Setup Options:
 Commercial Setup
 Setup Options:
 80' Power Head
 Commercial Power Head
 Unloading Options:
 Standard Auger Unit
 Commercial Auger Unit
 Unloading Options:
 80' Power Head
 Commercial Power Head
 Drive
 Hydraulic
 Hydraulic

MOVES A WORLD OF GRAIN
Hutchinson
THE WORLD OVER

HUTCHINSON
CHAIN & PADDLE CONVEYORS



Grain Pump
 Grain-to-Mixer
 Main-Tail Piece

MOVES A WORLD OF GRAIN
Hutchinson
THE WORLD OVER

HUTCHINSON
PORTABLE SYSTEMS



8", 10" & 12" Swing-Away
 Augers
 12" Swing-Away Augers &
 Hydraulic Drive Wheel Kit
 Tag-Drive Augers
 Main-Drive Augers
 Portable Grain Pump
 Portable Head-Tail Motor
 Two-Motor Set
 Portable Suction Bell
 Portable Single Bell
 Conveyor
 Portable 30' & 50' Line
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 Bucket Elevator Hopper
 Drive-Over Chain Conveyor
 Transfer Bell Hopper
 Drive-Over Bell Conveyor
 & Hydraulic Power Unit

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 Portable Head-Tail Motor
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