

Hutchinson



*Commercial
Unloading
Systems*

En Masse

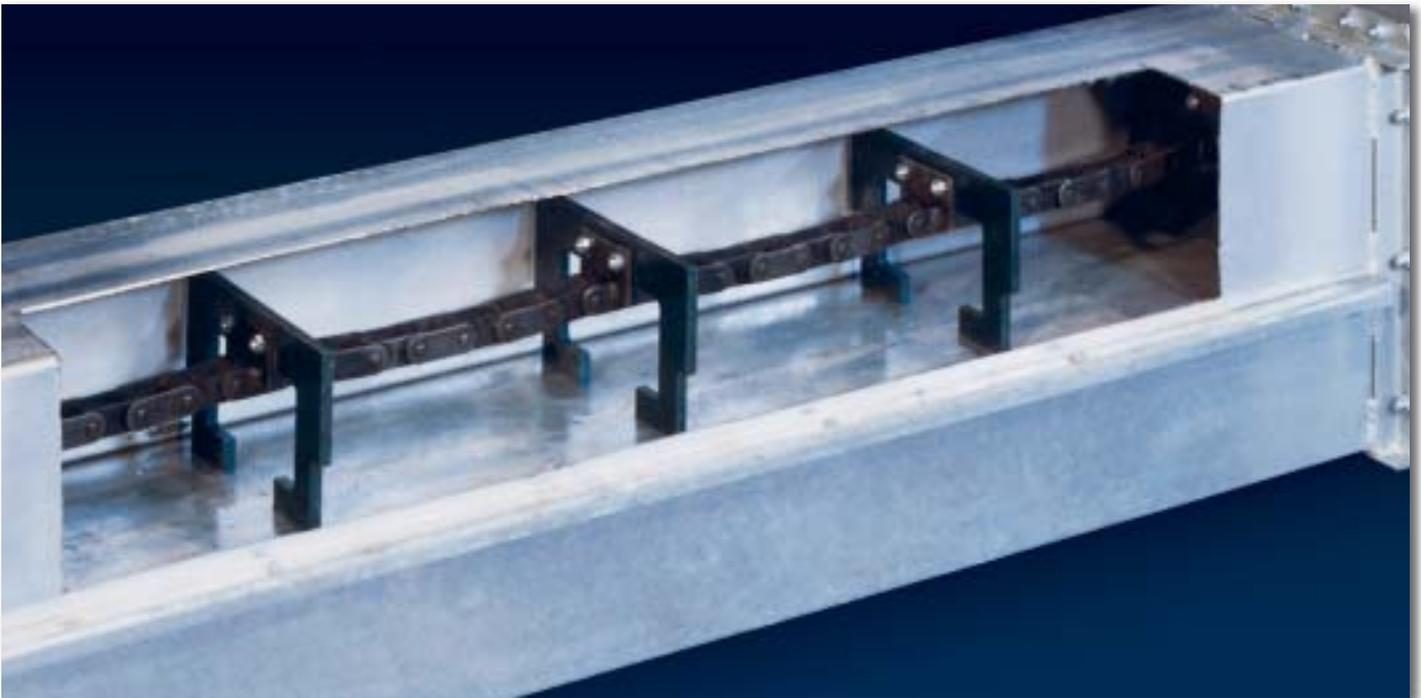
Mass-ter Mover

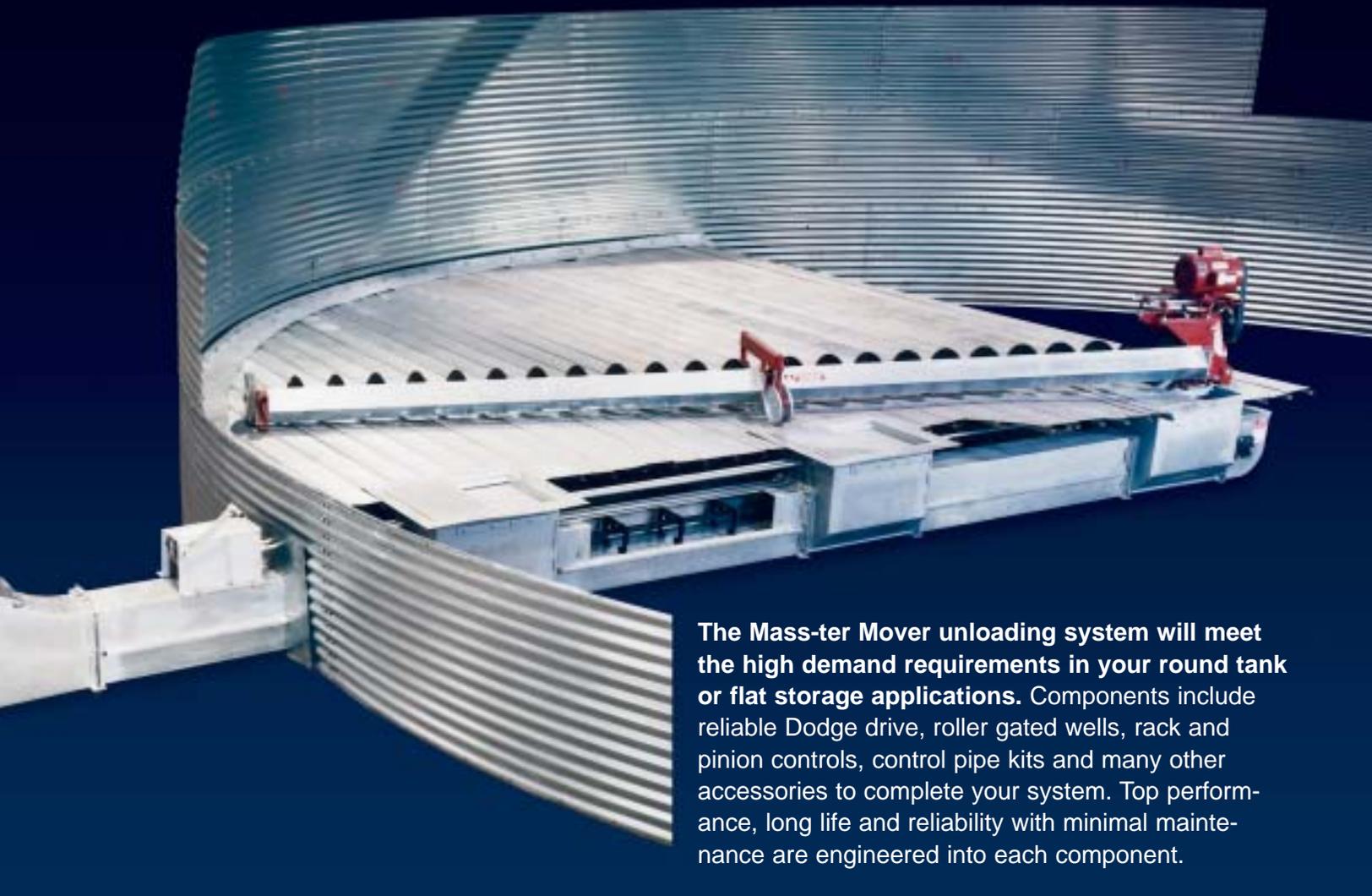
Mass-ter Mover is pictured with 45° corner, rack and pinion control, control pipe kit, center and intermediate wells. Klean Sweep has reducer drive and sweep carrier assembly. Pictured with housing cutaway for illustrative purposes only.

*Model 50 & 85
Mass-ter Mover
Component System
for 24' - 120'
Diameter Bins*



Cutaway section shows the chain and paddle in the return chamber.





The Mass-ter Mover unloading system will meet the high demand requirements in your round tank or flat storage applications. Components include reliable Dodge drive, roller gated wells, rack and pinion controls, control pipe kits and many other accessories to complete your system. Top performance, long life and reliability with minimal maintenance are engineered into each component.

Fully enclosed galvanized steel housing surrounds heavy-duty chain, featuring Ultra High Molecular Weight (UHMW) polyethylene replaceable paddles, which assure gentle movement of bulk materials with minimal friction. Three types of discharges are available: horizontal, incline or vertical*. **You will appreciate the grain moving efficiency with up to 50% energy savings over conventional conveyors.**

Specifications:

Model	Dimensions of Conveying Chamber	Conveyor Chain	Paddles	Capacity
50	6" x 9"	CA550 CA557 or CA551X	3/8" UHMW	2,500 to 5,000 BPH
85	7" x 13"	CA550 CA557 or CA551X	1/2" UHMW	4,000 to 8,500 BPH

Center and intermediate wells feature steel gates supported by rollers. Gates slide into chambers protected from grain weight.



See back page for more detailed information on Commercial Klean Sweep and Power Sweep.

*Vertical drive available on Model 50 only.

En Masse

Mass-ter Flow

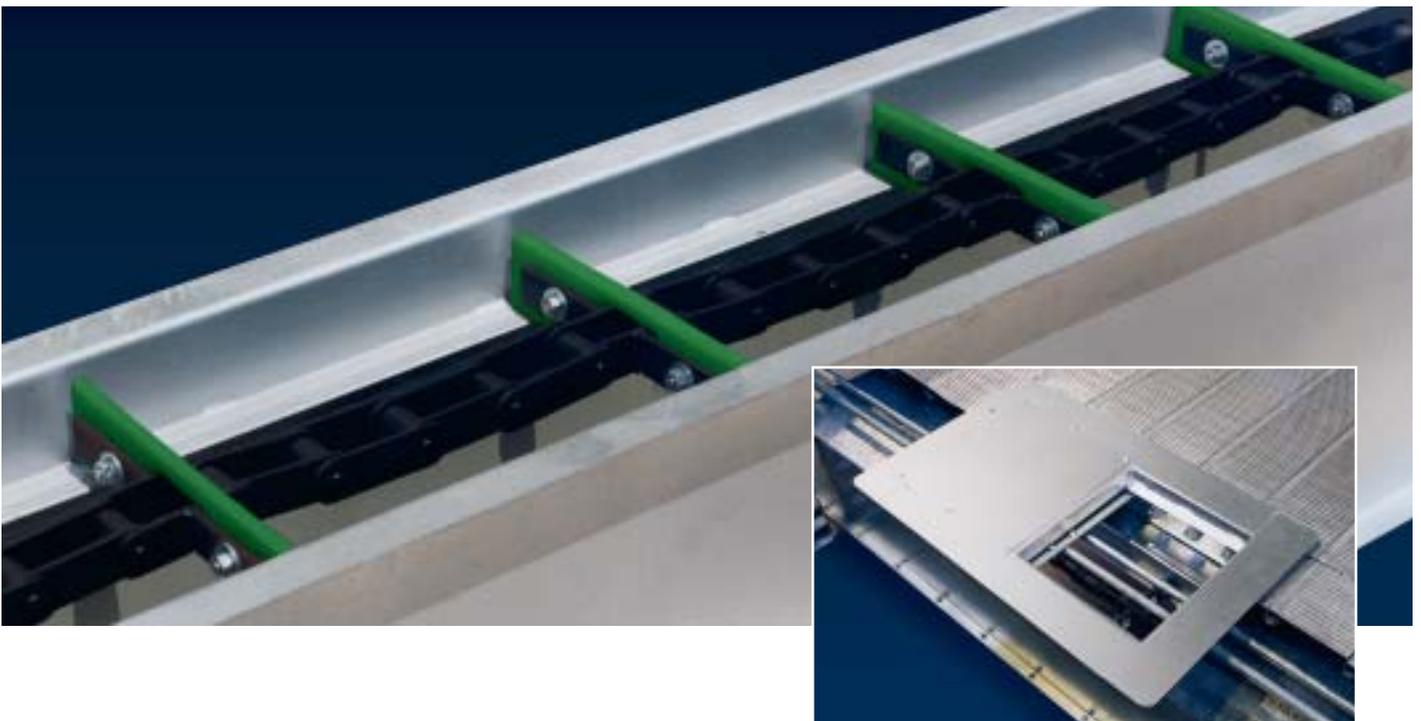
The rack & pinion slide gate control used in conjunction with the control pipe kit provides an excellent means of operating gates. One crank will operate one center well independently and up to 8 intermediate wells (4 at a time).

*Mass-ter Flow
Drag Conveyor
Component System
for 24' - 120'
Diameter Bins*

The return chain and paddle take up very little room in the trunk section allowing a greater depth of grain.



Mass-ter Flow is pictured with rack and pinion control, control pipe kit, center and intermediate wells. Klean Sweep has reducer drive and sweep carrier assembly. Pictured with cover removed for illustrative purposes only.





The Mass-ter Flow drag conveyor is designed with the same quality features as the Mass-ter Mover. Reliable Dodge drives, roller gated wells, rack and pinion controls, control pipe kits and many other accessories are available to complete your unloading system.

The Mass-ter Flow is most economical in the higher capacities and where design requires horizontal conveyor only. **High working strength roller chain is combined with tough Ultra High Molecular Weight (UHMW) polyethylene paddles for long life and smooth operation.** Optional bottom plate liner is available for extra life, particularly in very dirty grain conditions.

Specifications:

Dimensions of Conveying Chamber	Conveyor Chain	Paddles	Capacity
9" x 14 $\frac{3}{4}$ "	CA550 CA557 or CA81X	$\frac{3}{8}$ " UHMW	3,300 to 10,000 BPH
13" x 16 $\frac{3}{4}$ "	CA557 CA81X or D88C	$\frac{3}{8}$ " UHMW	7,500 to 15,000 BPH

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1-800-523-6993

FOR MORE INFORMATION ON PARTS AND SERVICE



Center and intermediate wells feature steel gates supported by rollers. Gates slide into chambers protected from grain weight.

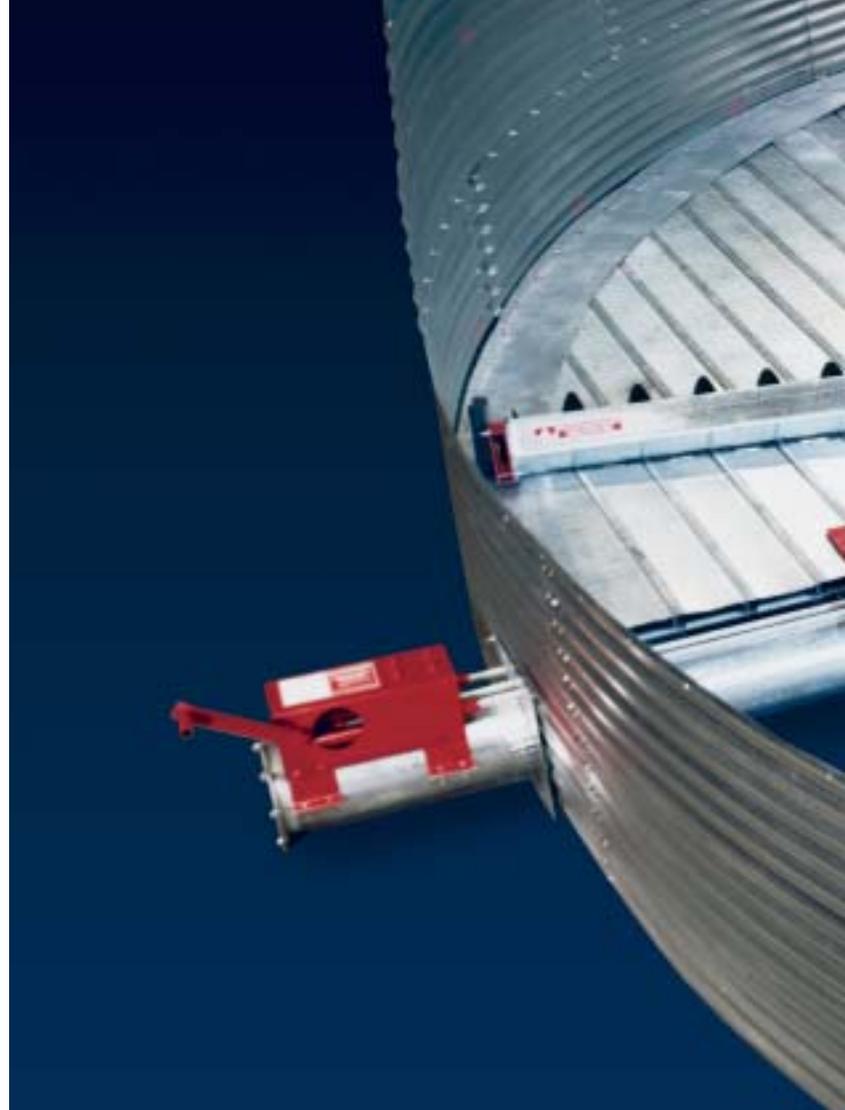
See back page for more detailed information on Commercial Klean Sweep and Power Sweep.

Screw Conveyor

Tube or U-trough

Commercial tube type unloader is pictured with rack and pinion control and control pipe kit, center and intermediate wells. Klean Sweep has a reducer drive and sweep carrier assembly. Pictured with unloader tube cutaway for illustrative purposes only.

*8" thru 16"
Component
System
for 24' - 120'
Diameter Bins*



Cutaway section shows the chain and paddle in the return chamber.

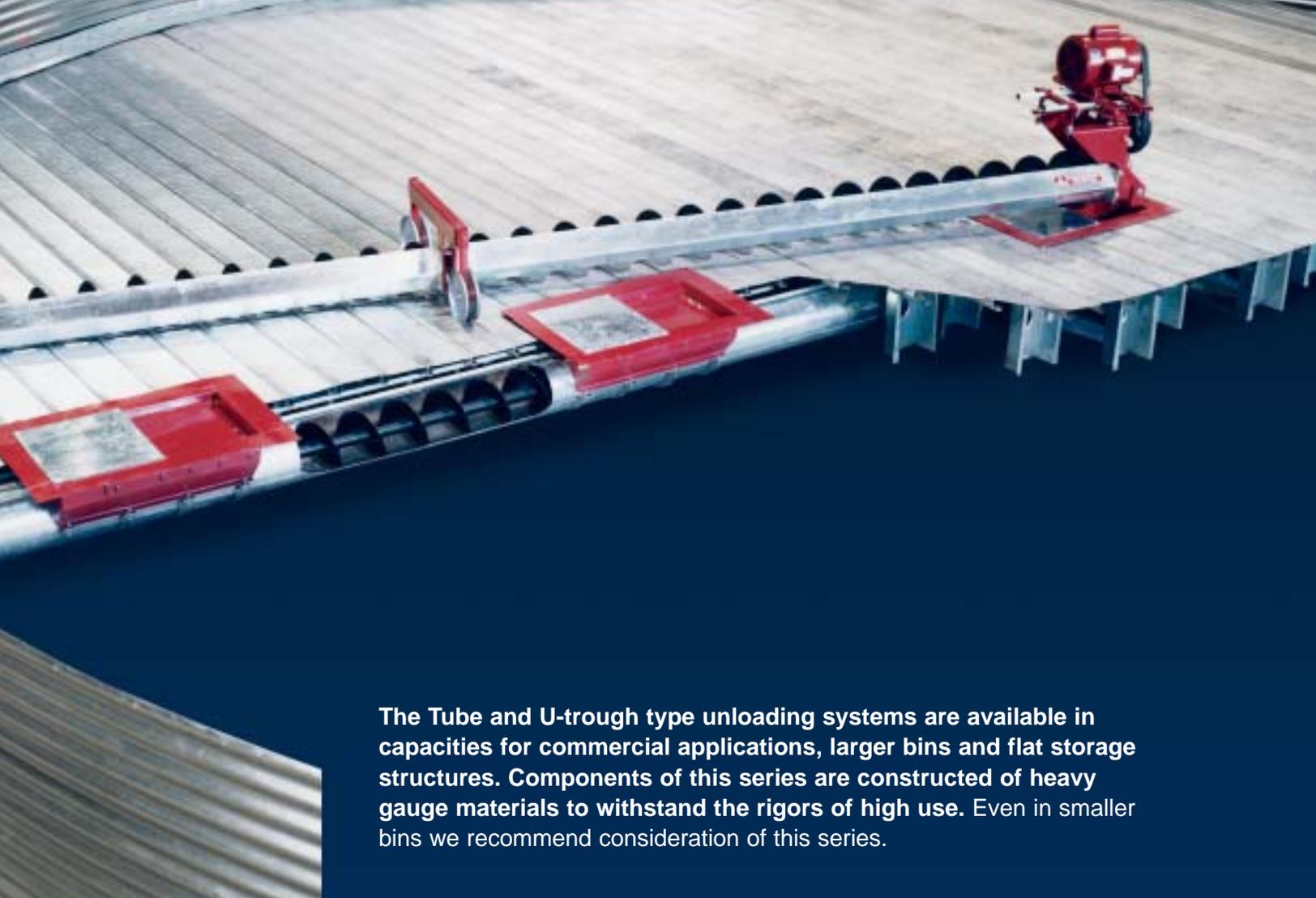
Tube Type Powerheads

1. 8", 10" and 12" Commercial Grade Verticals stand 16' 6" tall. Separate direct belt or 3:1 oil bath reducer drives on horizontal and vertical sections speed-match capacities. This dual drive design will handle 24' thru 92' diameter bins. Includes 3', 45° discharge, base support and wall bracket. Kit available to attach 10" unit to 8" unload tube.
2. Horizontals available in 8", 10", and 12". Furnished with 2, 3 and 4 belt drives, or with oil bath reducers.
3. 25° Inclines for use in 8" and 10" systems through 75' diameter bins. Five foot length provides adjustable support stand to which you can attach optional wheel kit for portability. Two & three belt "B" section drives. Internal bearing in elbow.

U-trough Drives

U-trough drives include the reliable oil bath chain reducer drive or the premium Dodge drive.





The Tube and U-trough type unloading systems are available in capacities for commercial applications, larger bins and flat storage structures. Components of this series are constructed of heavy gauge materials to withstand the rigors of high use. Even in smaller bins we recommend consideration of this series.

The same high quality components such as reducer drives, roller gated wells, rack and pinion controls, control pipe kits and many other accessories are available with the screw type as with the en masse conveyors.

Tube Type Specifications:

Bin Unloader Diameter	Galv. Housing Gauge	Flight Diameter	Flight Strip	Auger Shaft	Capacity
8"	14 ga.	7" O.D.	3/16"	1.9" O.D. Tube	2,000 BPH
10"	12 ga.	9" O.D.	3/16"	2" Pipe	3,000 to 4,000 BPH
12"	12 ga.	11" O.D.	3/16"	2 1/2" Pipe	5,000 to 6,000 BPH

Wells have 1/4" plate steel gates supported by rollers. Gates slide into chambers protected from grain weight. May be used under suspended floor, in a trench or cast in concrete.

U-trough Specifications:

Flight Diameter	Trough Gauge	Flight Strip	Auger Shaft	Capacity
9"	14 ga.	7 ga. or 3/16"	2"	500 to 3,000 BPH
12"	12 ga.	1/4" or 3/16"	2"	2,000 to 6,000 BPH
14"	12 ga.	1/4"	3"	3,000 to 8,000 BPH
16"	12 ga.	3/16"	3 1/2"	4,000 to 10,000 BPH

U-trough bearing options include wood, nylon or bronze.



See back page for more detailed information on Commercial Klean Sweep and Power Sweep.

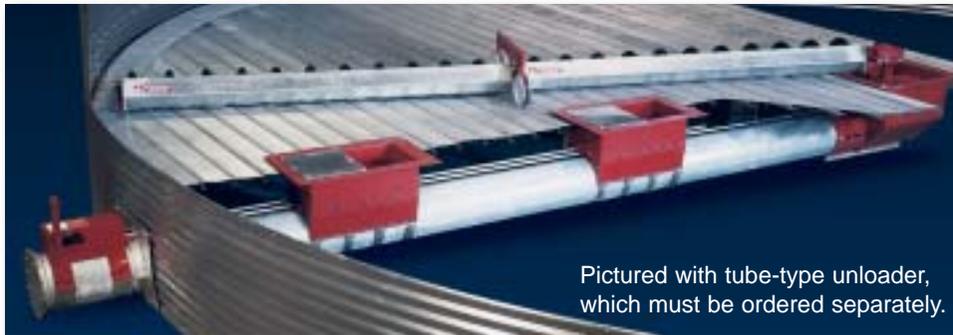
Commercial Sweeps

Klean Sweep

Hutchinson's Commercial Klean Sweep is an outstanding performer for a minimal investment. Motor mounts are solidly built and drive frames are of 3/16" plate construction. Two types of drives are available which include the jack shaft drive or an oil bath chain reducer in a cast housing. The jack shaft drive

bearings are sealed, self-aligning and regreaseable style in a cast housing. Klean Sweep for 48' and larger bins include a sweep carrier assembly for extra support of flight and shield. Two carriers for 90' and larger. Klean Sweep is depicted with each series of unloaders.

Sweep Series	Unloader Diameter	Flight Diameter	Flight Strip	Auger Shaft	Stub Size	Suggested Flight Speed	Oil Bath Drive Option	Jack Shaft Chain Drive Option	Replaceable Rubber Wheel	Bin Diameter
BK08S	6" 8"	5" O.D.	3/16"	1 1/2" Pipe	1 1/4"	258 RPM 390 RPM	N/A	X	X	24'-75'
BK10S	8" 10"	7" O.D.	3/16"	1 1/2" Pipe	1 1/2"	300 RPM 390 RPM	X	X	X	24'-92'
BK12S	10" 12"	9" O.D.	1/4"	2" Pipe	2"	240 RPM 280 RPM	X	X	X	24'-120'



Pictured with tube-type unloader, which must be ordered separately.

Power Sweep

The Commercial Power Sweep is a unique concept adapted to commercial type storage. It offers the convenience of a bin sweep without a motor or wiring inside the bin. Power for the sweep is transferred from a motor on the back side of the tank through a drive shaft to a double gear box in the center well. The Commercial Power Sweep can be adapted to tube type,

U-trough or en masse conveyors. The center well, intermediate wells, sweep and the sweep drive are included in the Commercial Power Sweep unit. 48' diameter and larger bins include a sweep carrier assembly for extra support of flight and shield.

Power Sweep is pictured above.

Sweep Series	Flight Diameter	Flight Strip	Auger Shaft	Stub Size	Suggested Flight Speed	Direct Drive to Sweep	Replaceable Rubber Wheel	Bin Diameter
BK10P	7" O.D.	3/16"	1 1/2" Pipe	1 1/2"	400 RPM	X	X	24' to 75'
BK12P	9" O.D.	1/4"	2" Pipe	2"	320 RPM	X	X	24' to 75'



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