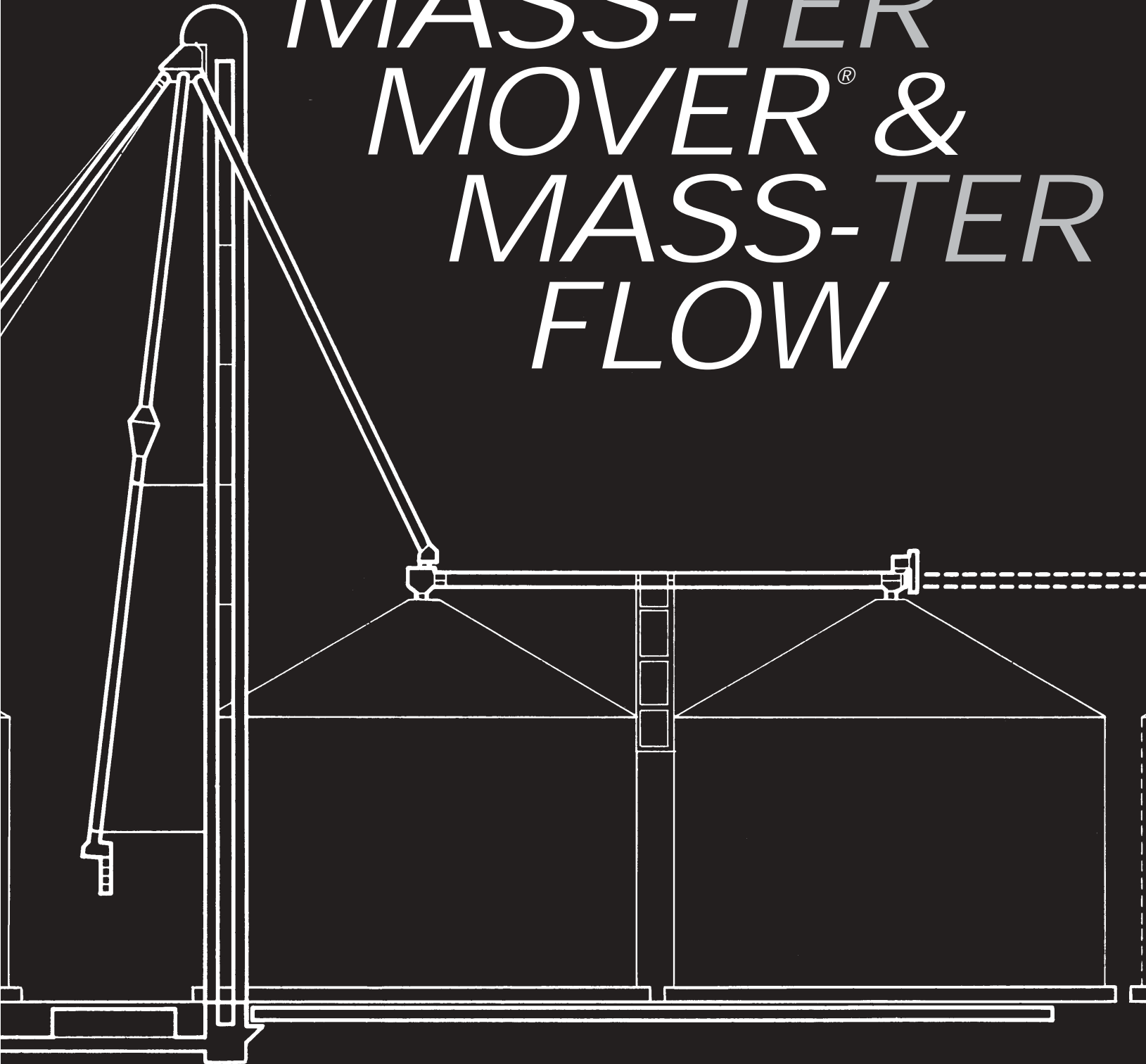


Hutchinson

MASS-TER MOVER[®] & MASS-TER FLOW



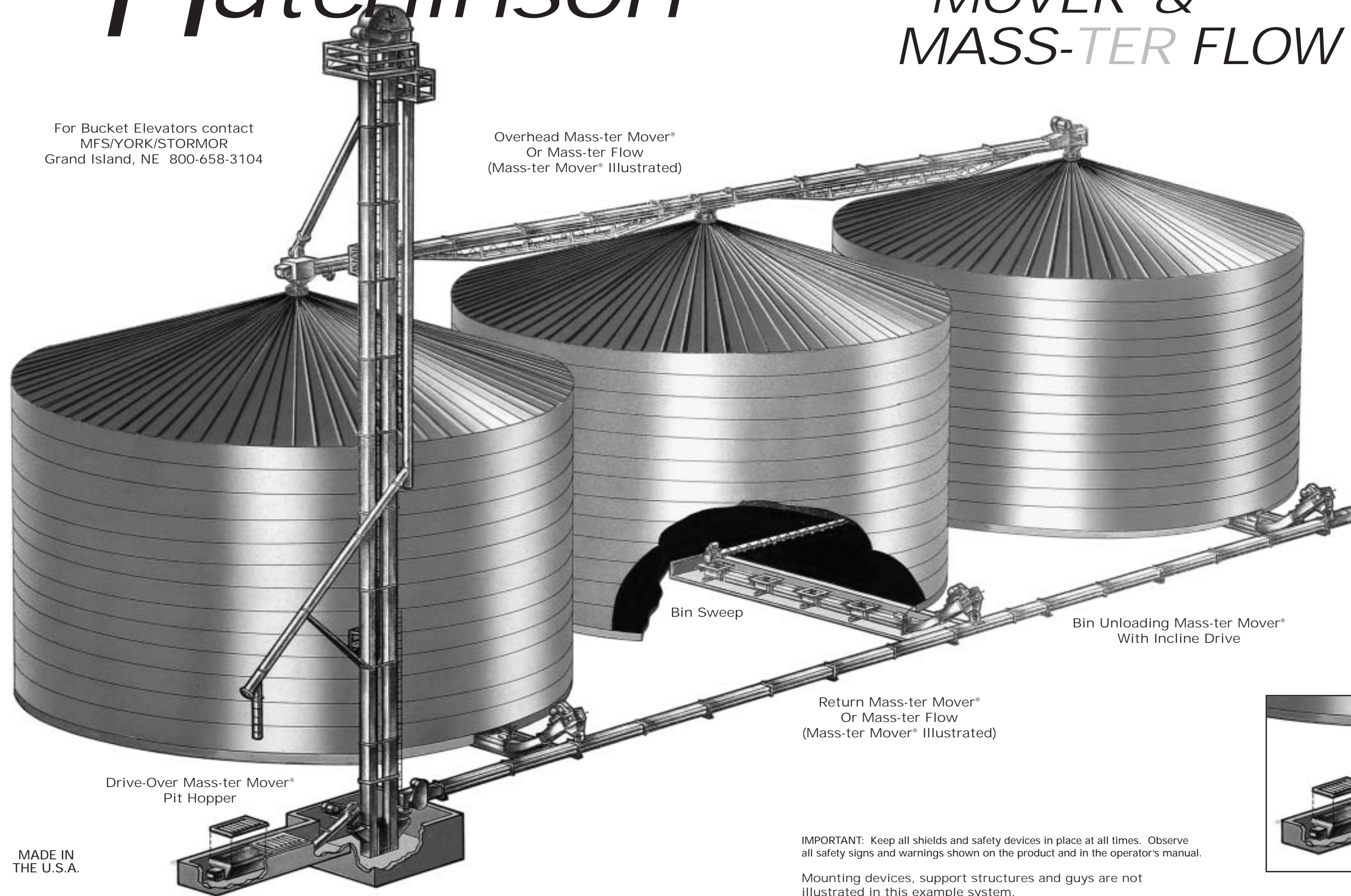
The MASS-TER of material moving efficiency.

Hutchinson

MASS-TER MOVER® & MASS-TER FLOW

For Bucket Elevators contact
MFS/YORK/STORMOR
Grand Island, NE 800-658-3104

Overhead Mass-ter Mover®
Or Mass-ter Flow
(Mass-ter Mover® Illustrated)



Drive-Over Mass-ter Mover®
Pit Hopper

Bin Sweep

Bin Unloading Mass-ter Mover®
With Incline Drive

Return Mass-ter Mover®
Or Mass-ter Flow
(Mass-ter Mover® Illustrated)

MADE IN
THE U.S.A.

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.

Mounting devices, support structures and guys are not illustrated in this example system.

MASS-TER MOVER®

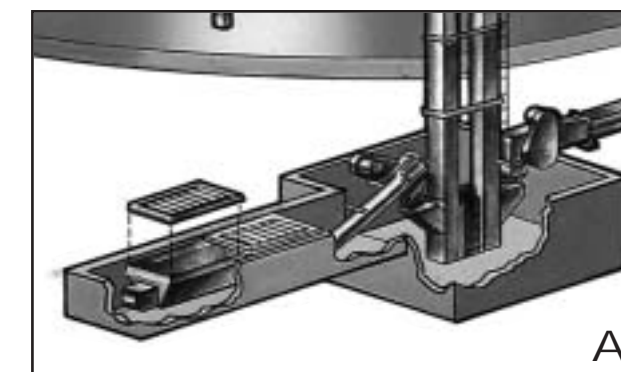
- Mass-ter Mover® powerheads may be used horizontally or in conjunction with the various elbows (30°, 45° & 90°) for inclined or vertical discharge.
- Hutchinson's "square paddle" propulsion system requires less horsepower than a screw conveyor. (Up to 30% energy savings.)
- Capacities from 2,500 to 8,500 BPH. Single horizontal lengths to 200'.
- Grain slides through a full lower chamber... no pinch points to damage material.
- The unique paddle design allows the Mass-ter Mover® to operate at various inclines.
- Component system adapts to a variety of uses: drive-over pit; horizontal or inclined storage loading; bottom unloading; filling or taking away from dryer.
- Also available as portable units in lengths from 40' through 100'.

MASS-TER FLOW DRAG CONVEYOR

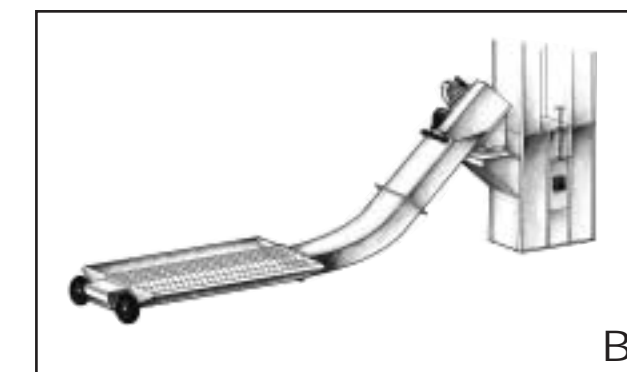
- Shallow paddles running in this single chamber conveyor provide deep layer, high volume grain movement.
- The conveyor covers are easily removed for clean out.
- Optional AF plate liner is available for extra life in very dirty grain conditions.
- Capacity is from 2,500 BPH to 15,000 BPH. Single runs to 240'.
- Operation of the unit is not recommended above a 4° incline.
- Mass-ter Flow units are available as stationary overhead or return conveyors and bottom unloading systems.

Accessories that make Hutchinson the MASS-TER of material moving systems.

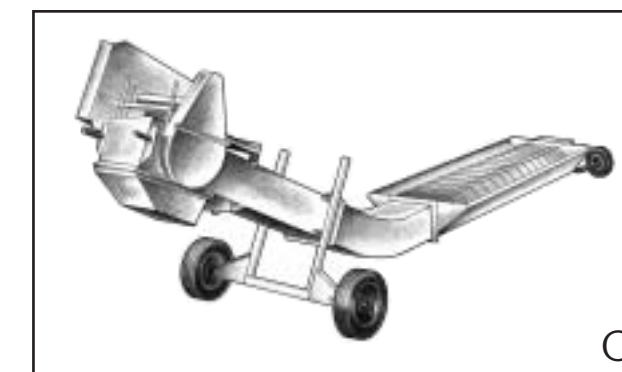
Mass-ter Mover® and Mass-ter Flow accessories provide a complete loading and unloading system for storage structures. Bin unloading units normally incorporate multiple inlets with slide gates and sweep pivots where needed. The usual choices of drives and elbow combinations are available on the Mass-ter Mover® (Mass-ter Flow is horizontal only). Drive over pit hopper (photo A) with 30°, 45° or 90° incline sections for a dump-and-go operation without a costly holding pit. Swing-Away hopper (photo B) and portable hopper (photo C) allow you to custom design your handling system.



A

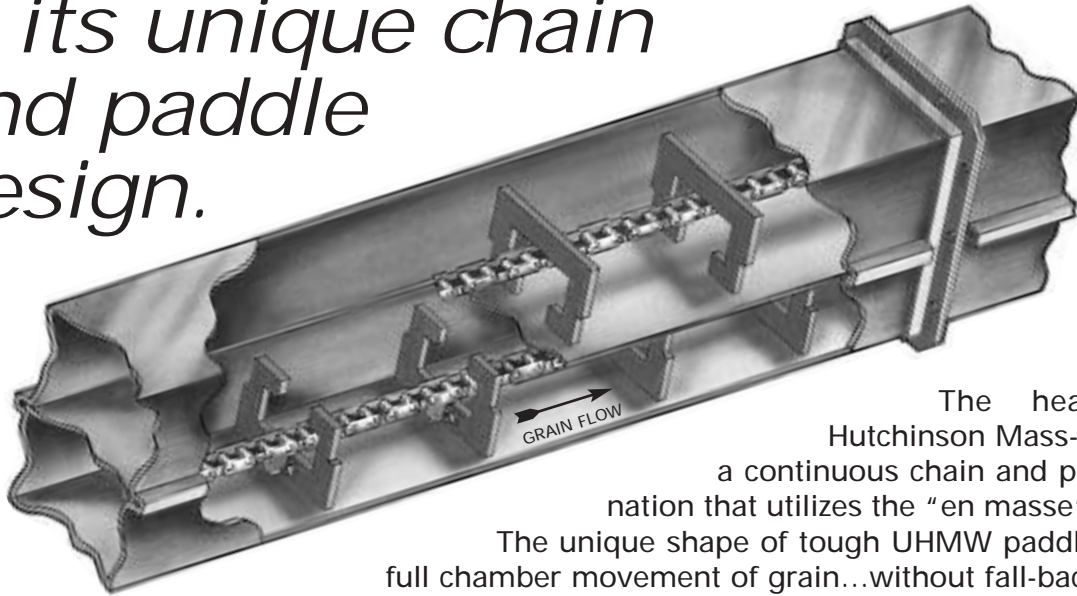


B



C

MASS-TER MOVER®'S secret is its unique chain and paddle design.

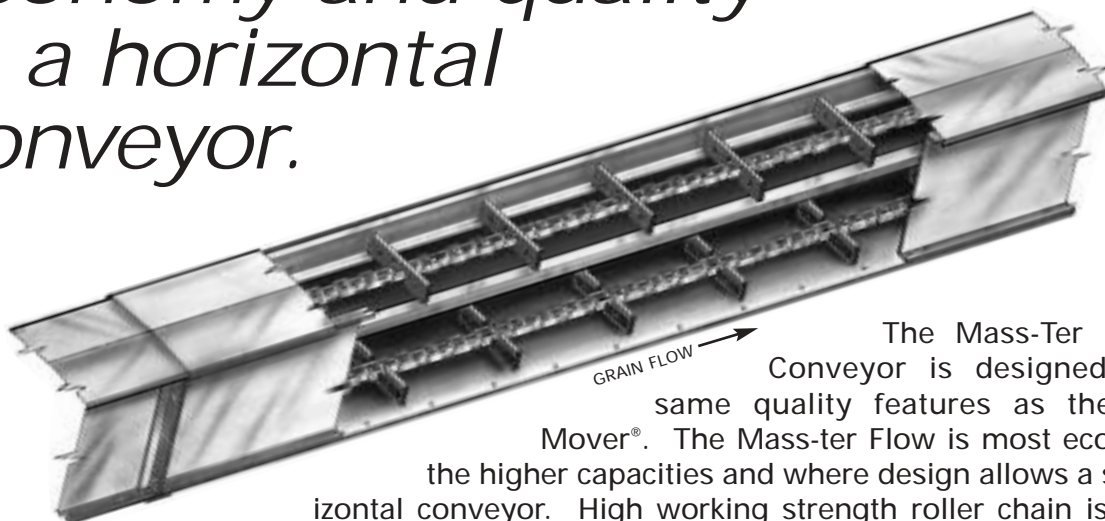


The heart of the Hutchinson Mass-ter Mover® is a continuous chain and paddle combination that utilizes the "en masse" concept.

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.

MASS-TER FLOW DRAG CONVEYOR economy and quality in a horizontal conveyor.



The Mass-ter Flow Drag Conveyor is designed with the same quality features as the Mass-ter Mover®. The Mass-ter Flow is most economical in the higher capacities and where design allows a strictly horizontal conveyor. 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.

MASS-TER MOVER[®]

S P E C I F I C A T I O N S

MODEL 50

MODEL 85

Dimensions of Conveying Chamber	6" x 9"	7" x 13"
Capacity (Maximum BPH Horizontal at 15% Moisture)	2500, 3300, 4150, & 5000 BPH	4000, 5500, 7000 & 8500 BPH
Capacity in Cu. Ft./Hr. Dry Material Horizontal	3000, 3960, 4980, & 6000 cu. ft.	4800, 6600, 8400, 10,200 cu. ft.
Chain Travel FPM	150, 200, 250, & 300 FPM	150, 200, 250 & 300 FPM
Head Shaft RPM	58, 77, 97, & 116 RPM	43, 57, 72 & 86 RPM
Gauge of Bottom	10 Gauge Galvanized	10 Gauge Galvanized
Gauge of Partition	12 Gauge Galvanized	12 Gauge Galvanized
Gauge of Top	14 Gauge Galvanized	14 Gauge Galvanized
Gauge of Head & Boot	10 Gauge Galvanized	10 Gauge Galvanized
Paddles	3/8" UHMW	1/2" UHMW
Head Bearings (Shaft)	1-1/2" to 2" 4-Hole Flange Ball bearings	2" to 2-7/16" 4-Hole Flange Ball Bearings
Boot Bearings (Shaft)	1-1/2" 4-Hole Flange Ball bearings	2" 4-Hole Flange Ball Bearings
Take-up Location	Head	Head
Conveyor Chain	81X	81X
Conveyor Sprocket	12 Tooth	16 Tooth

MASS-TER FLOW DRAG CONVEYOR

S P E C I F I C A T I O N S

MODEL 9"

MODEL 13"

Dimensions of Conveying Chamber	9" x 11-3/8"	13-3/32" x 13-7/8"
Capacity (Maximum BPH Horizontal at 15% Moisture)	2,500, 5,000, 7,500, & 10,000 BPH	7,500, 10,000, 12,500, & 15,000 BPH
Capacity in Cu. Ft./Hr. Dry Material Horizontal	3,000, 6,000, 9,000, & 12,000 cu. ft.	9,000, 12,000, 15,000 & 18,000 cu. ft.
Chain Travel FPM	80, 160, 240, & 320 FPM	130, 173, 216, & 260 FPM
Head Shaft RPM	30, 60, 90, 120 RPM	37, 50, 62, 75 RPM
Gauge of Bottom	10 Gauge Galvanized	10 Gauge Galvanized
Gauge of Sides	12 Gauge Galvanized	12 Gauge Galvanized
Gauge of Head	10 Gauge Galvanized	8 Gauge Galvanized
Boot Gauge	10 Gauge Galvanized	10 Gauge Galvanized
Paddles	UHMW, 13" Spacing	UHMW, 13" Spacing
Head Bearings (Shaft)	Variable, 1-1/2" dia. - 10' to 35' 2" dia. - 40' to 125' 2-7/16" dia. - 130' to 210'	Variable, 2" dia. - 10' to 80' 2-7/16" dia. - 85' to 140' 2-15/16" dia. - 145' to 230'
Boot Bearings (Shaft)	1-1/2" O.D.	2" O.D.
Take-up Location	Boot	Boot
Conveyor Chain	81X	81X
Conveyor Sprocket	12T	16T

CALL TOLL-FREE 1-800-523-6993
For more information.

Distributed by:



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