

DRIVE UNITS

OVERVIEW:

- Available for loads ranging from 15,000 lb to 90,000 lb
- Cylinder strokes of 3", 8" and 10"
- Under mount and front mount styles
- Compatible with perimeter-frame or center-frame style containers
- Hallco can custom design the mounting framework for your trailer, bin, or truck box.

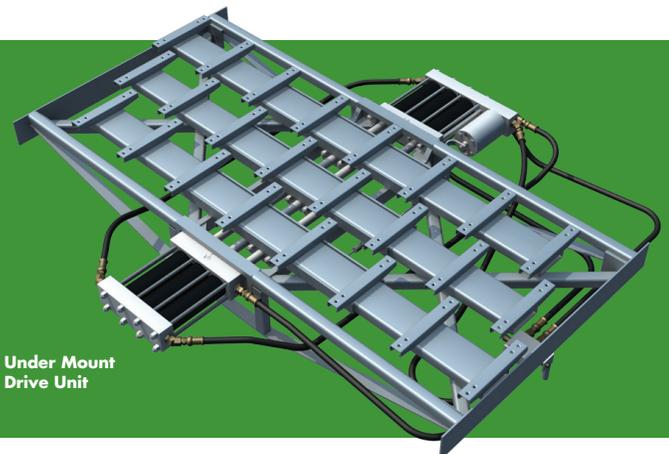
FEATURES:

- Hydraulic modules are made with solid, high strength, chrome-plated shafts.
- Hydraulic modules can be detached from the connecting and supporting structure for a quick swap-out or for overhaul.
- Hallco uses in-manifold porting to minimize external hose clutter.
- Hydraulic fluid flows and pressures are specified for the optimal balance between unloading performance and longevity.

Features	Mini Series	i2000 Series	i3000 Series	i4000 Series	i6000 Series	8000 Series
Load Rating	7.5 Ton	15 Ton	20 Ton	35 Ton	45 Ton	40 Ton
# Cylinders	3	3	3	6	6	3
Nominal Stroke	3"	10"	10"	10"	10"	8"
Piston Diameter	2"	3"	3.5"	3"	3.5"	4.5"
Rod Diameter	1"	1.5"	1.5"	1.5"	1.5"	2"
Shaft Coating	Single Chrome	Double Chrome				
Effective Piston Area	3.14in ² (Base) 2.36in ² (Annulus)	7.07in ² (Base) 5.30in ² (Annulus)	9.62in ² (Base) 7.85in ² (Annulus)	12.37in ²	17.48in ²	15.90in ² (Base) 12.76in ² (Annulus)
Rated Pressure	3000 PSI					
Rated Flow	6 GPM	25 GPM	30 GPM	30 GPM	30 GPM	30 GPM
Theoretical Convey Speed (Max Flow)	7.0 ft/min	13.0 ft/min	11.0 ft/min	7.5 ft/min	5.3 ft/min	6.7 ft/min
Mount Style	Under Mount	Front Mount				
Convey Direction Options	One-Way	One-Way & Two-Way	One-Way & Two-Way	One-Way & Two-Way	One-Way & Two-Way	Two-Way
Hydraulic Module (Only) Weight	39 lb.	180 lb.	205 lb.	242 lb.	260 lb.	240 lb.
Deck Compatibility	Standard Double Ridge Triple Ridge Topseal Tufdeck Leak Resistant HD Leak Resistant					
Typical Applications	Chassis Mounted Boxes Small Trailers	Truck Beds Small Trailers Stationary Bins	Trailer Mounts Small Trailers Stationary Bins	Large Trailers	Large Trailers	Large Trailers
Industry Solutions	Document Shredding Roofing Debris, Mulch and Compost	Document Shredding, Landscaping and Roofing	Agricultural and Forest Products	C&D Debris, Recyclables and Woody Biomass	Waste and Recycling	General and Demolition Waste



Front Mount
Drive Unit



Under Mount
Drive Unit

