



DRIVE UNITS

OVERVIEW:

- Available for loads ranging from 15,000 lbs to 90,000 lbs
- 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.
- Hallco uses in-manifold porting to minimize external hose clutter.
- Hydraulic modules can be detached from the connecting and supporting structure for a quick swap-out for overhaul.
- Hydraulic fluid flows and pressures are specified for the optimal balance between unloading performance and longevity.

Features	Mini Drive	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	Double Chrome	Double Chrome	Double 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	3000 PSI	3000 PSI	3000 PSI	3000 PSI	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	Under Mount	Under Mount	Under Mount	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 lbs.	180 lbs.	205 lbs.	242 lbs.	260 lbs.	240 lbs.
Deck Compatibility	LoadKeeper™ Standard Double Ridge Triple Ridge Ag Topseal Tufdeck Leak Resistant HD Leak Resistant	LoadKeeper™ Standard Double Ridge Triple Ridge Ag Topseal Tufdeck Leak Resistant HD Leak Resistant	LoadKeeper™ Standard Double Ridge Triple Ridge Ag Topseal Tufdeck Leak Resistant HD Leak Resistant	LoadKeeper™ Standard Double Ridge Triple Ridge Ag Topseal Tufdeck Leak Resistant HD Leak Resistant	Standard Double Ridge Triple Ridge Ag Topseal Tufdeck Leak Resistant HD Leak Resistant	W-Floor Standard Double Ridge Triple Ridge Ag Topseal Tufdeck Leak Resistant HD Leak Resistant
Typical Applications	Chassis Mounted Boxes Small Trailers	Truck Beds Small Trailers Stationary Bins	Truck Beds Small & Medium Trailers Stationary Bins	Large Trailers Stationary Bins	Large Trailers Stationary Bins	Large Trailers
Industry Solutions	Document Shredding, Roofing Debris, Mulch and Compost	Document Shredding, Landscaping and Roofing	Agricultural and Forest Products	C&D Debris, Waste & Recycling and Woody Biomass	C&D Debris, Waste & Recycling and Woody Biomass	C&D Debris, Waste & Recycling and Woody Biomass

