

HY-RAIL®

Model HD4141



Harsco Rail's HD4141 HY-RAIL® guide wheel equipment is used to adapt heavy-duty, chassis cab trucks, meeting Harsco Rail's recommended vehicle specifications for highway and railway applications. Featuring hydraulic deployment, hydraulic locks, electrical track insulation, and mechanical safety pins, the HD4141 has a rugged, compact design that continuously provides the durability needed on the track.

HY-RAIL® HD4141

Specifications

Features & Benefits

- For heavy duty cab chassis trucks
- High road clearance
- Front unit - over center rotation in rail position
- Rear unit – vertical deployment with side shift action

Truck Weight Classification	Heavy duty trucks 33,000 lbs. (14,966 kg) GVWR and above
Maximum Rail Travel Speed	25 mph (40 km/h)
Unit Weight	Front unit - 1,300 lbs. (590 kg)
	Rear unit - 1,230 lbs. (559 kg)
Load Capacities (max)	Front unit - 23,000 lbs. (10,431 kg)
	Rear unit - 46,000 lbs. (20,865 kg)
Guide Wheel Load (max)	Front wheels - 11,500 lbs. (5,215 kg) each
	Rear wheels - 20,000 lbs. (9,072 kg) each
Suspension	Front unit attaches to trucks suspension, rear unit has vertical movement ability
Side Shift Control	Rear unit has vertical & horizontal articulation control to align truck onto the track
Guide Wheels	16 in. (406 mm) tread diameter
Wheel Bearings	Conventional wheel / hub bearing arrangement
Safety Pin Locks	Mechanical pin plus hydraulic PO check locks
Raise / Lower Operation	Hydraulic manual control valve to raise & lower
Track Gauge	56.5 in. (1,435 mm)
Track Signal Insulation	All (4) guide wheels electrically insulated for track signaling
Included Equipment	Mounting brackets, steering wheel lock, front brakes, de-rail guards, front rail sweeps
Optional Equipment	Rear air brakes, rear rail sweeps, non-electrical track insulation

Download full specs at www.harscorail.com

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