

HY-RAIL®

Model MD1920



The Harsco Rail MD1920 HY-RAIL® guide wheel equipment is used to adapt medium-duty chassis cab trucks, meeting Harsco Rail's recommended vehicle specifications, for railway applications requiring travel on the highway and on the rail. Featuring hydraulic deployment, hydraulic locks, electrical track insulation, and mechanical safety pins, the MD1920 has a rugged, compact design that continuously provides the durability needed on the track.

HY-RAIL® MD1920

Specifications

Features & Benefits

- For medium duty trucks cab chassis
- High road clearance
- Front unit - over center rotation in rail position
- Rear unit - positions guide wheels close to trucks tires

Truck Weight Classification	Medium duty - up to 19,500 lbs. (8844 kg) GVWR
Maximum Rail Travel Speed	35 mph (55 km/h)
Unit Weight	Front unit - 415 lbs. (188 kg)
	Rear unit - 425 lbs. (193 kg)
Load Capacities (max)	Front unit - 7,000 lbs. (3,175 kg)
	Rear unit - 6,750 lbs. (3,062 kg)
Guide Wheel Load (max)	Front wheels - 3,500 lbs. (1,588 kg) each
	Rear wheels - 3,375 lbs. (1,531 kg) each
Suspension	Rear unit has built-in spring suspension
Wheels	13.25 in. (337 mm) tread diameter
Wheel Bearings	Conventional wheel / hub bearing arrangement
Safety Pin Locks	Mechanical pin plus hydraulic PO check locks
Raise / Lower Operation	Electrical / hydraulic actuation with push button controllers
Track Gauge	56.5 in. (1435 mm)
Track Signal Insulation	All (4) guide wheels electrically insulated for track signaling
Included Equipment	Mounting brackets, steering wheel lock, de-rail guards, front rail sweeps
Optional Equipment	Hydraulic power pack, emergency hand pump, air brakes (front and rear), rear rail sweeps, non-electrical track insulation

Download full specs at www.harscorail.com

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