

HY-RAIL® Guide Wheel Attachment For Medium-Duty Chassis-Cab Trucks

The Harsco Rail™ HR1900 Series B HY-RAIL® guide wheel equipment is used to adapt medium-duty chassis-cab trucks for highway and railway travel. The truck must meet Harsco Rail's recommended vehicle specifications.

The HR1900 Series B guide wheel unit is designed for application on the front of the truck. The front guide wheel unit may be used in conjunction with other Harsco Rail's rear HY-RAIL® guide wheel units such as the HR2000 Series B.

The HR1900 Series B HY-RAIL® guide wheel unit is fully adjustable to provide superior tracking when on rail.

Features and Benefits

- High road and rail clearance
- Rugged compact design
- Mounts under front of truck frame
- Minimal modification to front bumper
- Over center rotation when on rail
- Mechanical pin locks
- Insulated guide wheels
- De-rail skids
- Steering wheel lock

Optional Equipment

- Air brakes
- Rail sweeps
- Hydraulic power pack



**Contact us today for more information
on Harsco Rail's HR1900 Series B
HY-RAIL® Guide Wheel Equipment**

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*"Knowledge-based Track Maintenance
Solutions To Improve Our Customers'
Performance Worldwide*

HARSCO
RAIL

Insight onsite.™

HR1900 Series B HY-RAIL® Guide Wheel Equipment Specifications

COMPATIBLE VEHICLESMedium-duty chassis-cab trucks

WEIGHT CLASS

GAWR – Front.....Up to 7,000 lbs. (3,175 kg) maximum

GENERAL SPECIFICATIONS

ConstructionFabricated steel unit – welded and bolted construction

Attachment to Vehicle.....Universal mounting bolts to truck frame

Rail WheelsDuctile iron

Tread Diameter.....11.00 in. (406.4 mm)

Flange Diameter.....13.25 in. (459.4 mm)

Wheel Bearings.....Heavy-duty, tapered roller

BrakesAir-actuated, tread-type

LocksMechanical safety pin locks for highway and rail position

Derail SkidsBuilt-in – Standard

Rail SweepsOptional

Raise/Lower ActuationHydraulic manual control valve or push button

WEIGHTS & DIMENSIONS

Unit.....415 lbs. (188.2 kg) installed

Track Gauge.....56.5 in. (1,435 mm) – Standard

LOAD CAPACITY

Guide Wheel Unit7,000 lbs. (3,175 kg) maximum

Per Guide Wheel3,500 lbs. (1,888 kg) maximum

HYDRAULIC SYSTEM REQUIREMENTS

Flow Range5-8 gpm (18.9-30.2 lpm)

Operating Pressure2,200 psi (137.9 bar) maximum



AREMA



An ISO 9001:2000 Registered Company

FACILITY LOCATIONS:

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