

HY-RAIL® Guide Wheel Attachment For Light-Duty Trucks & Utility Vehicles

The Harsco Rail™ HR1500 Series C HY-RAIL® guide wheel equipment is used to adapt light-duty trucks and utility vehicles for highway and railway travel. The truck must meet Harsco Rail's recommended vehicle specifications.

Features and Benefits

- High road and rail clearance
- Rugged compact design
- Mounts under front of truck frame
- Minimal modification to vehicle front bumper
- Electric/hydraulic power pack
- Push button activation
- Over center rotation when in rail position
- Hydraulic and mechanical locks
- Permanently sealed guide wheel bearings
- Insulated guide wheels
- De-rail skids
- Steering wheel lock

Optional Equipment

- Rubber or steel tread guide wheels
- Emergency hand pump
- Grease guards
- Wireless remote control



**Contact us today for more information
on Harsco Rail's HR1500 Series C
HY-RAIL® Guide Wheel Equipment**

***“Knowledge-based Track Maintenance Solutions
To Improve Our Customers’ Performance Worldwide”***

HARSCO
RAIL

Insight onsite.™

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HR1500 Series C HY-RAIL® Guide Wheel Equipment Specifications

COMPATIBLE VEHICLESStandard light-duty trucks and utility vehicles with single rear wheels

WEIGHT CLASSUp to 11,900 lbs. (up to 5080 kg)

GENERAL SPECIFICATIONS

ConstructionFabricated steel unit – welded and bolted
Attachment to VehicleFront and rear units bolt to vehicle's frame with custom mounting brackets specific to each approved vehicle model. Units are fitted with incrementally spaced mounting holes to allow full adjustment of the unit for vehicle frame height, base curb weight and on-rail tracking adjustments.

Rail WheelsRubber tread or steel guide wheels

Tread Diameter10.00 in. (250 mm)

Flange Diameter12.25 in. (310 mm)

Spindle & BearingsUnitized bolt-on unit – permanently sealed and lubricated (maintenance free)

Hydraulic LocksBuilt-in hydraulic safety locks

Safety LocksPositive mechanical pin type safety locks for the rail and highway

Derail SkidsBuilt-in; standard on front and rear units

Rail SweepsBolt-on; standard on front and rear units

Raise/Lower ActuationElectric/hydraulic pump controlled by pendant type switches located near each unit. Optional controls available inside cab; wireless remote control also available.

WEIGHT & DIMENSIONS

WeightDoes not include mounting brackets, options or hardware

Front Unit305 lbs. (137 kg)

Rear Unit305 lbs. (137 kg)

Track Gauge56.5 in. (1435 mm) – Standard

LOAD CAPACITY

Steel wheels3000 lbs. (1360 kg)
 Maximum load per guide wheel – 1500 lbs. (680 kg)

Rubber treads1400 lbs. (636 kg)
 Maximum load per guide wheel – 700 lbs. (318 kg)

Required Auxiliary Equipment

Steering LockSteering column mounted

Wheel ModificationDesigned for each approved vehicle

Mounting BracketsDesigned for each approved vehicle

Hydraulic System Requirements

Flow Range1 gpm (3.8 lpm)

Operating Pressure2800 psi (175.5 lpm)



An ISO 9001:2000 Registered Company

FACILITY LOCATIONS:

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