



The **HR3000 Series C2 HY-RAIL®** guide wheel attachment is used to adapt medium-duty, chassis-cab trucks, meeting Harsco Track Technologies' recommended vehicle specifications, for highway/railway applications.

HR3000 Series C2 units are for front-end position installation. The unit attaches to the vehicle's front end with mounting brackets and spacers. **HR3000C2** units minimize front unit overhang and places the guide wheels close to the vehicle axle.

HR3000 Series C2 guide wheel unit installations are fully adjustable for clearances and tracking. Air-actuated, tread-type brakes with composition shoes are standard. Fixed rail sweeps are standard.

Contact us today for more information on HTT's **HR3000 Series C2 HY-RAIL®** Guide Wheel Equipment.

"Complete Maintenance Solutions Through Innovative Technology & Hands-on Experience"

HTT

Harsco Track Technologies

Harsco

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HR3000 Series C2 HY-RAIL® Unit Specifications

COMPATIBLE VEHICLES

Type Medium-duty chassis-cab trucks

WEIGHT CLASS

GAWR – Front Up to 13,000-lb. (5,897-kg) maximum

GUIDE WHEEL UNITS

Construction Fabricated steel unit – welded and bolted construction

Attachment to Vehicle Universal mount unit bolts and welds to vehicle's front end with mounting brackets and spacers

Suspension Utilizes vehicle's front axle suspension system

Rail Wheels Austempered ductile iron – precision machined

Tread Diameter 12.50-in. (317.5-mm)

Flange Diameter 14.75-in. (374.7-mm)

Wheel Bearings Heavy-duty, tapered roller – re-lubrication by manual methods

Brakes Air-actuated, tread-type, with single Cobra composition brake shoe on each rail wheel

Safety Locks Positive mechanical lock in highway position, over-centered guide wheel unit design in rail position

Derail Skids Built-in

Rail Sweeps Standard – bolt-on, height adjustable, fixed position

Raise/Lower Actuation Hydraulic, double-acting cylinders, manual control valve located at unit

WEIGHTS & DIMENSIONS

Unit 890-lbs. (404-kg)

Track Gauge 56.5-in. (1435-mm) – standard

LOAD CAPACITY

Per Guide Wheel 13,000-lbs. (5897-kg) / 6,500-lbs. (2948-kg) maximum load

REQUIRED AUXILIARY EQUIPMENT

Steering Lock Steering column mount – manual actuation on steering wheel

Mounting Brackets and Spacers Designed for each approved vehicle model

HYDRAULIC SYSTEM REQUIREMENTS

Flow Range 5-8 gpm (18.9-30.2 lpm)

Operating Pressure 2,500 psi (172.4 bar) maximum

FACILITY LOCATIONS:

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