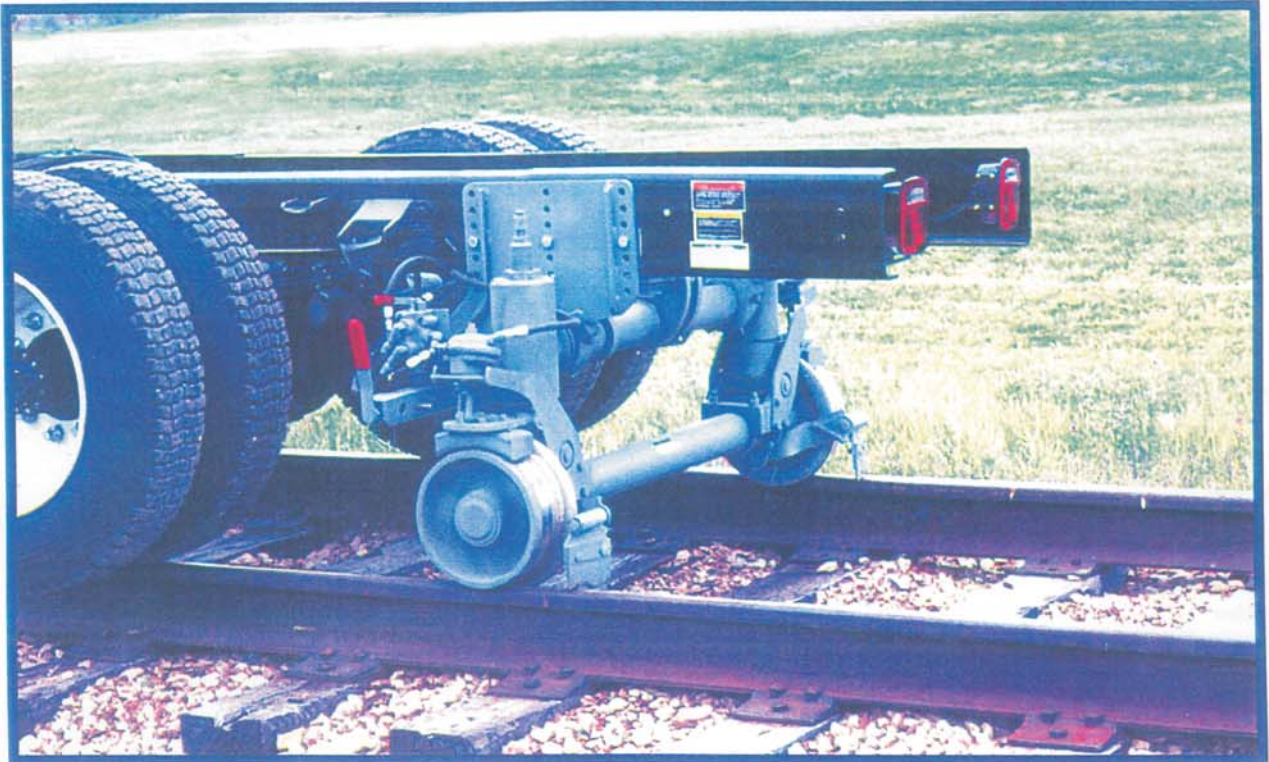


Harsco Track Technologies'  
**HR3000 Series A**  
**HY-RAIL® Rear Guide Wheel Attachment**



HTT's **HR3000 Series A** Rear Guide Wheel Attachment utilizes the proven HTT adjustable coil spring suspension. A properly adjusted rear guide wheel suspension provides a smooth ride under various load conditions, enhances traction of the vehicle drive wheels and maintains guide wheel contact with the rail through road crossings, turnouts, and crossovers. The bolt-on unit installation provides complete adjustability for vehicle loads, rail clearance height, and tracking. Optional rear brakes are available upon request.

**HTT**

**Harsco Track Technologies**

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### HR3000 Series A, HY-RAIL® Rear Guide Wheel Attachment Specifications

#### COMPATABLE VEHICLES

Type	Medium-duty, chassis-cab trucks with single rear Axles and dual rear wheels
Weight Class:	
GVWR	Up to 35,000 lbs. (15,876-kg) max. **
Rear G.A.W.R.	Up to 23,000 lbs. (10,433-kg) max. **

#### GUIDE WHEEL UNITS

Construction	Fabricated steel unit: welded construction
Attachment to Vehicle	Universal rear unit bolts to vehicle chassis rails - standard multiple bolt holes enable adjustment of unit mounting for frame height and vehicle load.
Suspension	Enclosed coil springs with adjustable pre-load
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-relubrication by hand pack method.
Safety Locks	Positive mechanical lock on each unit-locked in rail and highway positions-lock release secured by a safety pin
Derail Skids	Bolt-on-standard
Rail Sweeps	Bolt-on - recommended option for front unit
Raise/Lower Actuation	Hydraulic; Double acting cylinders; manual control valve located at each unit.

#### WEIGHTS & DIMENSIONS

Weight	(Does not include mounting brackets or hardware)
Rear Unit	300-lb. (136-kg) est.
Track Gauge	56.5-in. (1435-mm) - Standard

#### LOAD CAPACITY

Rear Unit	13,500 lb. (5,897-kg) / 6,500-lb (2,984-kg) maximum load per wheel.
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#### REQUIRED AUXILIARY EQUIPMENT

Steering Lock	Steering column mounted - manual actuation on steering wheel
Wheel Modification Group	Specific design for each approved vehicle model
Mounting Brackets	Specific design for each approved vehicle model

#### HYDRAULIC SYSTEM REQUIREMENTS

Flow Range	5-8-gmp (18.9-30.3-lpm)
Operating Pressure	1,800-psi (124.1-bar) max

\*\* See HY-RAIL® Vehicle Specification Manual for specific vehicle models and ratings.

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