

# RAFNA R-890 Cushion-Ride Railgear

## Description:

G & B Specialties Model R-890 railgear is designed for vehicles up to 66,000 lbs GVWR. Vertical front and vertical behind cab front railgear units are available. Vertical rear railgear is standard. Optional "True-Slew" rear axle is available with 5-1/2" slew capability. The R-890 uses 14" diameter forged steel wheels with heavy duty tapered roller bearings. Proven "Cushion-Ride" suspension provides ride quality, reduced vibration through the vehicle frame, less component stress, and constant rail wheel to rail contact. No railgear adjustments are required for varying loads. With *RAFNA Cushion-Ride Railgear*, there are no limits imposed. If the vehicle can support the load, so can the railgear. *RAFNA R-890 Railgear* has two hydraulic cylinders on both the front and rear units, providing power to spare under full vehicle capacity. On rail, the vehicle's front wheels are raised a minimum of 3" above the rail head and the vehicle axle is hydraulically or manually locked in place, and all four rail wheels provide full track circuit isolation.



## Standard Features:

- Cushion-Ride Rubber Suspension
- Automatic Locking System in Road Positions
- Heavy Duty Double Acting Hydraulic Cylinders (Two Cylinders, Front and Rear)
- PTO Pump Application
- Built-In Derail Skids
- Rail Sweeps Front and Rear
- Full Track Circuit Insulation (All Four Wheels)
- Vertical Rear Railgear is Standard
- Protective Bellows Over All Inner Guide Tubes
- Mechanical Steering Wheel Lock
- Hydraulic Operating Valves on Front and Rear Units
- Corrosion Resistant; Long Life Fasteners
- Grease Fittings at All Wear Points.

## Optional Features:

- Air Brake Package with Exterior Quick Change Composite Brake Shoes. Available for 2 or 4 Wheels.
- Vertical Front or Vertical Behind Cab Front Railgear Based on the Wheelbase of the Vehicle
- "True-Slew" Rear Railgear Axle with 5-1/2" slew capability
- Hydraulically or Manually Operated Vehicle Front Axle Lock, to Support Front Tires Above Rail.

# RAFNA R-890 Cushion-Ride Railgear

## Vehicle Classification:

- GVWR—66,000 lbs MAX
- GAWR (Front) - 20,000 lbs
- GAWR (Rear) - 46,000 lbs

## Wheels:

- Material—Forged Steel
- Tread—14" Diameter
- Flange—16" Diameter
- Bearings— HD Tapered Roller
- Grease Cap w/ Vent

## Vehicle Applications

- Freightliner
- International
- Sterling
- Kenworth

## Installed Weights:

- Total—2,800 lbs
- Front—1,600 lbs
- Rear—1,600 lbs



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