# 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:

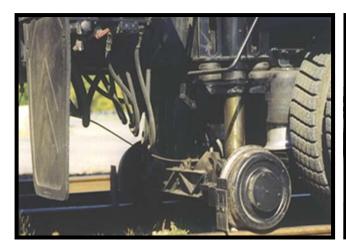
- Material—Forged Steel
- Tread—14" Diameter
- Flange—16" Diameter
- Bearings— HD Tapered Roller
- Grease Cap w/ Vent

# **Vehicle Applications**

- Freightliner
- International
- Sterling
- Kenworth

# **Installed Weights:**

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







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