



G&B Specialties, Inc.
A Global Railway Industries Company



Manufacturer of Quality Railroad Track & Signal Materials
535 West 3rd Street * P.O. Box 305 * Berwick PA
Phone 570-752-5901 * Fax 570-752-6397

R-650 CUSHION-RIDE *RAILGEAR*



- ◆ Proven “Cushion-Ride” suspension provides superior ride quality, reduced vibration through the vehicle frame, less component stress, and constant wheel to rail contact
- ◆ No railgear adjustments are required for varying loads
- ◆ Few moving parts results in very low maintenance and lubrication costs
- ◆ Hydraulically operated for safe and easy access to the rail
- ◆ Railgear locks automatically in both road and rail positions



R-650 CUSHION-RIDE *RAILGEAR*

G & B Specialties Model R-650 railgear is designed for vehicles up to 39,000 lbs GVWR. Both rotating and vertical front railgear units are available. Rotating rear railgear is standard. The R-650 uses 12" diameter cast or 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 *G & B Cushion-Ride Railgear*, there are no limits imposed. If the vehicle can support the load, so can the railgear. *G & B Specialties R-650 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.

If your railgear requirements include QUALITY, SAFETY, RELIABILITY, and SERVICEABILITY, *G & B Specialties R-650 Railgear* is the railgear for **YOU !!!**

STANDARD FEATURES

- ◆ *Cushion-Ride* rubber spring suspension.
- ◆ Automatic mechanical locking system in rail and road positions.
- ◆ Heavy-duty double acting hydraulic cylinders (two cylinder front and rear).
- ◆ Hydraulic operating valves on the front and rear units.
- ◆ PTO pump application is standard.
- ◆ Built-in derail skids.
- ◆ Rail sweeps front and rear.
- ◆ Full track circuit insulation (all four wheels)
- ◆ Grease fittings at all wear points.
- ◆ Corrosion resistant, long life fasteners.
- ◆ Protective bellows over all inner guide tubes.
- ◆ Mechanical steering wheel lock, (hook and loop).
- ◆ Rotating rear railgear unit is standard.

OPTIONAL FEATURES

- ◆ Optional electric/hydraulic or air brake package with exterior composite brake shoes are available
- ◆ Both rotating and vertical front railgear units are available.
- ◆ Hydraulically or manually operated vehicle front axle lock, to support front tires above the rail.

VEHICLE CLASSIFICATION—MAXIMUM CAPACITY

- ◆ 39,000 lbs GVWR GAWR (Front) 15,600 lbs GAWR (Rear) 23,400 lbs

INSTALLED WEIGHTS

Total: 2,600 lbs

Front: 1,300 lbs

Rear: 1,300 lbs

WHEELS

Material: Cast steel, or Forged steel
Tread: 12" diameter
Flange: 14.25" diameter

Bearings: Heavy-duty tapered roller bearings
Grease cap with vent