

RAFNA R-180 Cushion-Ride Railgear

KUBOTA RTV-1100 & RTV-X100C SERIES

Description:

This 100% duty cycle railgear was designed to meet the task at hand. Equip your KUBOTA RTV-X1100C Series that has a vehicle weight of 2350 lbs. with a Rafna R-180 Railgear and see for yourself. 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. No adjustment required for varying loads Rail wheel assemblies bolted to the axle provide simple rail wheel alignment. Few moving parts results in very low maintenance and lubrication costs. Hydraulically operated for safe and easy access to the rail. Self-lubricated bearings at all pivot points. Wheel modification required, uses OEM tires/modified wheels, or OEM wheels with wheel adapters.. Front and rear units share all common wear and spare part items.



Standard Features:

- Cushion-Ride rubber spring suspension
- Rotating front and rear railgear units with 8" wheel
- Automatic mechanical or Hydraulic locking system in rail and road positions
- 12VDC pump with reservoir
- Both units rotate 3° past center in the rail position for added safety
- Heavy-duty double acting hydraulic cylinders (one cylinder per unit)
- Built-in derail skids
- Rail sweeps front and rear
- Full track circuit insulation (all four wheels)
- Grease fittings at all wear points
- Maintenance free self lubricated plastic bearings, or oil-impregnated bronze bearings at all critical pivot points
- Protective bellows over all inner guide tubes
- Steering wheel lock



Optional Features:

- Non-Insulated Wheels
- Wheel Package Option
- Insulated Wheels with Shunt

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Payload:

- Appx. 600 lbs (272 kg), available payload left after installation of railgear 500 lbs. (227 kg), and addition of driver and passenger, 500 lbs. (227 kg).

Installed Weights:

- Total—500 lbs
- Front—240 lbs
- Rear—260 lbs

Vehicle Weight:

- 2,350 lbs



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