

RoadReady™ Tamper — RST-1000



Productivity on wheels

- RoadMode requires no transportation permits
- Deploys quickly at any road crossing with a clear 30' turning radius
- No crane necessary to set on rail
- Simplified maintenance on production equipment
- Meets or exceeds industry standards for productivity



The RST-1000 features an easy-to-deploy TRIAD Reference System

The Revolutionary Road-to-Rail Tamper

The RST-1000 offers the greatest mobility in the industry. It is able to attach to an over-the-road tractor truck for transport between work locations and quickly transitions for Road Mode to Rail Mode.

- Designed to move over the highway as a Class 8 vehicle with a tractor weight of up to 18,000 lbs
- Legal load — no special permits required in all lower 48 states
- The MultiClamp allows for easy road-to-rail transition either parallel or perpendicular with the track

Get off the road. Get to work.

The RST-1000 quickly transitions from RoadMode to RailMode.

- Integrated turntable allows deployment at any standard road crossing with sufficient turning space
- Same production rates as rail bound switch/production tampers
- Split workheads to tamp in switches
- Workheads have few moving parts
- 35 mph travel speed on rail
- Nexus Control System
- New TRIAD Reference System provides geometry solutions for all types of surfacing requirements



MultiClamp efficiently allows the RST-1000 to transition easily from RoadMode to RailMode.

Product Specifications

Category	Specification	Value
General	Weight	62,500 lbs
	Length	48'
	Width	8'
	Height	12' 4"
	Wheel base	28' 6"
	Wheel size	24" diameter AAR profile
	Travel speed	35 mph (maximum)
Capacities	Fuel tank	150 gallons
	Hydraulic tank	160 gallons
Engine	Make/Model	Tier IV Interim
Hydraulic System	Pumps	Hydrostat and piston
	Control valves	Cartgridge style & mobile
Electrical System	Battery	24 Vdc (dual 12V DC batteries), 1150 cold-cranking amps
Propel System	Axle drive type	Dual-axle, chain-driven, hydrostatic
Brakes	Type/Style	Spring-applied, hydraulic release, hydrostatic braking
Controls	Electronics	Nexus Control System
Workheads	Tamping	6" maximum lining offset
		6" maximum superelevation
		Adjustable workhead frames
	Vibrator	Positive displacement, hydraulic driven
Cab	Egress	Dual egress

Optional Equipment

- Line laser system
- Automatic TRE finding

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