

# MARK VI

PRODUCTION / SWITCH TAMPER



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### FEATURES

- Equally effective on wood or concrete ties
- Positive Displacement Vibrators
- Jupiter II Control System
- System V Lining System
- Comfortable Control Cab
- Fully integrated on-board diagnostics

The Mark VI Tamper is designed and manufactured for high quality production and switch tamping. The machine is equally effective on wood or concrete ties and is fully configurable - versatile in configurations of track gauge, single/dual cab, axles/bogies, and workhead type - to meet customer requirements.

### SPECIFICATIONS

Length	16.2m (53.15 ft.)
Width	3,200 mm (10.5 ft.)
Height	3,500 mm (11.4 ft.)
Wheelbase	8,595 mm (28.2 ft.) - single axle configuration
Bogie Centers	10,033 mm (32.92 ft.) - bogie configuration
Bogie Axle Spacing	1,730 mm (68 in.) standard
Track Gauge	Various track gauges available- 914 mm to 1676 mm (36 in. to 66 in.)
Weight	Standard Operating Weights: approximately 36000 kg (79,000 lbs.) to 50800 kg (112,000 lbs.) depending on configuration
Max Travel Speed	Up to 80 km/h (50 mph)
Hydraulic Tank	919 liters (243 gal.)
Fuel Tank	905 liters (239 gal.)
Main Frame	Boxed beam-style frame is fixture welded and stress tested to assure strength and rigidity. Highly stressed sections of the mainframe have undergone the Finite Element Computer Analysis to provide unparalleled reliability
Wheels & Axles	762 MM (30 in.) diameter multi-wear forged steel wheels. Equipped with heavy-duty solid railroad type axles, bogies, or a combination configuration as required by the customer
Suspension	Designed for 80 km/h (50 mph) track travel with comfortable ride for both work and travel
Brakes	Air-operated, tread-type brakes feature high friction, composition shoes acting on each wheel. Spring-applied, air-released secondary brake operation provides automatic brake actuation in case of air pressure loss
Engine	Cummins QSL 8.9 liter, 6 cylinder liquid cooled, turbocharged and charge air cooled diesel. Engine sizing may vary based on customer requirements

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