



FCM Rail Ltd.

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Manufacturer	Model	Asset ID
Harsco	Mark VI Tamper	793

Serial #	RM7290037
Year	1997
Engine	Cummins Liquid-cooled, turbocharged and aftercooled Diesel, 195 kW (240 hp) @ 2,100 rpm.



Mark VI Production/Switch Tamper

- The Mark VI design is versatile. It can be configured in various gauge widths (1000 mm to 1676mm) and in single axle, bogie, or combination configurations as required to meet a specific railway's axle loading and curve radius requirements. Dual cabin configurations are also optionally available.
- High-speed track travel characteristics help accommodate job requirements dictated by short track maintenance windows.
- Easily prepared for operation in only 2-3 minutes with set-up, set-off automation.
- Modern control system features state of the art controls, a real time Motorola microprocessor, and optionally available, a touch screen operator interface.
- CAD/CAM and Finite Element Computer Analysis design, extensive testing, and use of proven workhead and reference system designs assure component integrity.
- *System V* - a completely new approach to the control of tamping machines taking the operator to a higher level in terms of simplicity of operation and achieving desired results.
- Electrical Outputs Diagnostics Option (Smart I/O) Input/ Output - provides automated electrical monitoring for all computer output signal wiring. A menu is designed to automatically "pop out" when an electrical error on an output signal occurs so that the erroneous circuits can be identified as being either open or shorted

Mark VI Production/Switch Tamper Specification

DIMENSIONS:

Length (Over ends of frame) -----	12,802 mm (42 ft)
(Over Projector Buggy lift system -----	14,021 mm (46 ft)
(Projector Buggy loaded for travel -----	15,850 mm (52 ft)
Width -----	3,200 mm (10.5 ft)
Height -----	3,500 mm (11.4 ft) – (Without Beacon on Cab Roof)
Wheelbase -----	8,168 mm (26.8 ft) – (Single Axle Configuration)
Bogie Centers -----	9,420 mm (30.9 ft) – (Bogie Configuration)
Bogie Axle Spacing -----	1,730 mm (68.1 in.) – (Standard)
Track Gauge -----	Various track gauges available – 1,000 mm to 1,676 mm (39 3/8 inch to 66 inch)

WEIGHT

Standard Operating Weight -----Up to
36,000 kg (79,000 lbs.) – actual weight of a specific machine may vary
according to configuration and sales groups applied.

GENERAL PERFORMANCE

Maximum Travel Speed -----	Up to 80 km/h (50 mph)
Production Rate -----	Up to 20 to 24 crossties (sleepers) per minute.

FLUID CAPACITIES

Hydraulic Tank -----	919 liters (243 gal.)
Fuel Tank -----	1,250 liters (330 gal.)