



The Nordco rebuild of the **Mark IV Tamper** refurbishes and enhances the machine known for top quality production, switch tamping, and transit system work. Nordco rebuilds the machine from the “frame up”, delivering a like-new piece of equipment that incorporates the latest technology upgrades and carries a new machine warranty. Four heavy-duty vibrators drive 16 abrasion-resistant tamping tools. Hydraulically driven vibrators operate at 3,000 VPM (50 Hz) and develop a positive displacement of 3/8 in. (9.5 mm). Traversing workheads tamp the entire switch area. Fully enclosed, climatized cab with air bag suspension features easy-to access controls and excellent visibility for work and travel. Ergonomic operator control is provided through arm panel keypads, joysticks, an IBM compatible keyboard and a 15-inch flat panel monitor as a graphical interface. The Mark IV can be equipped with the Harsco Rail Jupiter distributed input/output control system and System V software.



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Nordco
Equipment Services

STANDARD FEATURES

- High Strength Steel Main Frame; Boxed Beam, Welded Construction
- Suspension Includes Trunnion-Mounted Front Axle
- Air Operated Tread-Type Shoe Brakes with Cobra-Type Shoes on all Four wheels
- Spring-Applied, Air-Released, Parking/Emergency Brake for Automatic Brake Actuation in Case of Air Pressure Loss
- Full Time Four-Wheel Drive with Upgradable On the Go Upshift/Downshift Capability, Two-Speed Traction Motor
- 21-CFM (594 l/m) Engine-Driven Compressor, 100-psi (689.5 kpa) Operating Pressure
- Cab Includes Acrylic Windows, Windshield Wipers, Heater, Defroster, Optional Hydraulic Driven Air Conditioning, and Interior Lighting
- Rebuild of Motorola 68030 Computer Based Control System with Interactive Operator Interface that can be Upgraded to Jupiter II Input/Output Control System
- Improved Harsco Rail Delta Leveling System; Single Infrared Projector; Non-Adjustable Fixed Shadowboard; Infrared Receivers Mounted on Rapid Response Actuators; and an Inclinometer for Accurate Cross Level
- Harsco Rail System V Lining System; Optional Surface and Liner Laser Systems
- Combo Clamp Lift System: Single Rail Clamp Lifts from Ball of Rail During Production Work or from Base of Rail Where Required in Switches



*Contact Nordco Sales
for more information.*

This document is for general reference purposes only. Specifications are subject to change and may vary by machine.

SPECIFICATIONS:

General

Weight 65,000 lbs.
 Length 39' 6" (12m)
 Width 10' 6"
 Height 12' 6"
 Wheels 30" (762mm) Cast Steel (AAR profile)
 Wheels on Solid Forged Steel Axles

Capacities

Fuel Tank 185 Gallons (700L)
 Hydraulic Tank 185 Gallons (700L)

Engine

Cummins 8.3L Tier III Turbocharged and After Cooled Diesel
 240 HP (179 kW) @ 2200 rpm

Hydraulic System

Pumps Variable Displacement Piston Pumps,
 Fixed Displacement Gear Pumps
 Control Valves Rexroth/Sun
 Oil Cooler Hydac

Electrical System

24 VDC with 175-A Alternator

