

DRONE TAMPER

Model DT-2A-J2



Harsco Rail's Drone Tamper is a 16 tool machine that works with a production / switch tamper and creates a high production, switch capable operation. The Drone Tamper uses Harsco Rail's Jupiter II Control System and Tie Finding System to automatically tamp ties skipped by the lead tamper. A map of the tamped and untamped ties is transmitted via wireless radios from the lead tamper to the Drone.

DRONE TAMPER

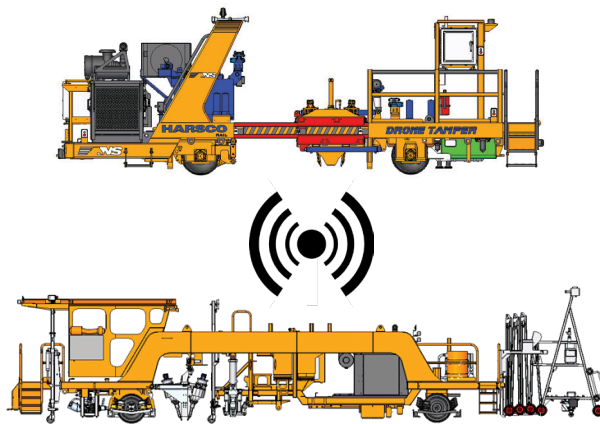
Specifications

Features & Benefits

- Continuous action work-heads
- Works on wood or concrete ties
- Jupiter II Control System
- Tie Finder
- Radar safety system
- Ability to tamp unevenly spaced and skewed ties
- Automatically starts / stops based on distance to lead machine

Length	32 ft. (9.7 m)
Width	9 ft. (2.7 m)
Height	11 ft. (3.3 m)
Front Axle Weight	24,500 lbs. (11,110 kg)
Rear Axle Weight	32,500 lbs. (14,750 kg)
Machine Weight	57,000 lbs. (25,055 kg)
Wheels & Axles	28 in. (711 mm) diameter single-wear solid steel wheels mounted on heavy duty solid railroad type axles
Brakes	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 pressure loss
Tamping Units	Four heavy duty vibrators drive 16 abrasion-resistant tamping tools. The hydraulically driven vibrators operate at 3,000 VPM (50 Hz) and develop a positive displacement of 3/8 in. (9.5 mm)
Engine	Cummins QSL 8.9 liter, 6 cylinder liquid cooled, turbocharged and charge air cooled diesel
Controls	All working functions are under control of a Jupiter Distributed I/O Control System with interactive operator interface

Download full specs at www.harscorail.com
Watch video at www.youtube.com/user/harscorail



All data transmitted via wireless radios between Lead and Drone

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