

PRODUCTION / SWITCH TAMPER

MODEL 6700PD



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FEATURES & BENEFITS

- 16 Tool Squeeze-type tamper
- Production and Switch Tamping
- Automatic Cycle including Tie Finding
- Positive Displacement Workheads
- Jupiter II Control System
- Light Reference System with AutoCurveliner

The 6700PD is the latest version of Harsco Rail's well-known production and switch tamper, known for top quality production, switch tamping, and transit system work. The PD model utilizes Harsco's Positive Displacement Workhead Technology and is equally effective on wood or concrete ties. Harsco Rail Tamperers are designed to meet customer requirements.

SPECIFICATIONS

Length	Without light buggy: 13.3 m (43.5 ft.)
Width	Travel position: 3.15 m (10.33 ft.)
Height	3.58 m (11.75 ft.)
Weight	34,019 kg (75,000 lbs.)
Wheelbase	9.14 m (30.0 ft.)
Wheels	711 mm (28 in.)
Chassis	Truss frame
Max Speed	56 km/h (35 mph)
Max Superelevation	152 mm (6.0 in.)
Max Lining Offset	152 mm (6.0 in.)
Travel Speed & Gradeability	6.5% grade @ 8 km/h (5 mph)
	3% grade @ 16 km/h (10 mph)
	1% grade @ 40 km/h (25 mph)
Engine	Cummins OSCT3 8.3 liter, 209 kW (280 HP), 4-cycle
Propulsion System	Hydraulic drive, 2-speed transmission on rear axle. Hydraulic drive, index assist front axle
Hydraulic System	Gear driven piston pumps
Brakes	Hydro-dynamic, plus 4-wheel fail-safe air brakes
Fuel Tank	643 liters (170 gal.)
Hydraulic Tank	643 liters (170 gal.)
Operator's Cab	One operator's cab providing full visibility of tamping area and forward/reverse travel views
Controls	All working functions are under the control of the Jupiter II Control System with interactive operator interface
Tamping Units	Eight heavy-duty Positive Displacement vibrators drive 16 abrasion-resistant tamping tools. The hydraulically driven vibrators operate at 2550 VPM (42.5Hz) and develop a positive displacement of 10 mm (0.4 in). Independent Pivoting Workheads allow tamping the switch area.

Learn more at harscorail.com



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