

PRODUCTION / SWITCH TAMPER

Model 6700PD



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.

PRODUCTION / SWITCH TAMPER

Model 6700PD Specifications

Features & Benefits

- Squeeze-type tamper
- Automatic clamping
- Positive Displacement Workheads
- Raises up to 4 inches in any type ballast
- Jupiter II Control System
- Light Reference System
- Surfacing System
- Lining System

Length	Without light buggy: 13.3 m (43 ft., 6 in.)
Width	Travel position: 3.5 m (11 ft., 9 in.)
Height	3.5 m (11 ft., 9 in.)
Wheelbase	9.1 m (30 ft.)
Wheels	71 cm (28 in.) diameter
Chassis	Truss frame
Max Speed	72 km/h (45 mph)
Max Superelevation	15 cm (6 in.)
Max Lining Offset	15 cm (6 in.)
Travel Speed & Gradeability	6.5% grade @ 8 km/h (5 mph)
3% grade @ 16 km/h (10 mph)	150 liters (40 gal.)
1% grade @ 56 km/h (35 mph)	40 km/h (25 mph)
Engine	Cummins OSCT3 8.3 liter, 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, 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 as well as for travel
Controls	All working functions are under the control of the Jupiter II Control System with interactive operator interface
Tamping Units	Four heavy-duty vibrators drive 16 abrasion-resistant tamping tools. The hydraulically driven vibrators operate at 3,200 VPM and develop a positive displacement of 12.7 m (1.5 in.). Transversing workheads tamp the entire switch area.

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

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