

TRACK STABILIZER

MODEL TS-30



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FEATURES

- Maintains established cross-level
- Comfortable Control Cab
- Jupiter II Control System
- Color touch screen LCD monitor

Harsco Rail's Track Stabilizer, Model TS-30, stabilizes the track by inserting controlled and accurate force directly into the track structure. The operator has the ability to set the desired down-feed pressure for each rail and the machine maintains that constant pressure until the operator changes it. The TS-30 Stabilizer reduces slow orders after tie change-out or undercutting operations.

SPECIFICATIONS

Length	14.2 m (560 in.)
Width	2,77 mm (109 in.)
Height	3.8 m (150 in.)
Weight	Approximately 100,000 lbs. depending on final machine configuration
Wheelbase	8.5 m (335 in.)
Frame	High strength boxed beam welded steel construction. Computer designed and analyzed for stress and deflection. Derail protection skids
Wheels/Axles/ Suspension	28 in. (711 mm) diameter single-wear solid steel wheels mounted on heavy duty solid railroad type axles
Drive Train	Each axle is fitted with a two speed gearbox directly driven by a variable displacement drive motor providing full time four-wheel drive with automatic speed control. The variable displacement motors provide high torque for starting on grades and seamless transition through travel speeds up to 30 mph (48 kph)
Work Speed	0-3 mph
Brakes	Air operated, tread type brakes featuring Cobra [®] , high friction, composition shoes acting on each wheel. Spring applied, air released secondary brake operation provides automatic brake actuation in case of air pressure loss
Engine	Cummins QSB tier 4 6.7 liter, 6 cylinder liquid cooled, turbocharged and charge air cooled diesel, 300BHP (224kW) @ 2200 RPM
Operator's Cab	Large, fully enclosed and climatized, mounted on air bags, accessible from either side of the machine via a rear platform and rear entry door
Electrical System	24 VDC with a 175 amp alternator
Jupiter II Control System	Distributed I/O system
Hydraulic System	Variable displacement piston pumps fixed displacement gear pumps, 24 VDC solenoid operated valves
Air System	The engine mounted air compressor can produce up to 28 SCFM depending on speed and turbo boost pressure. The nominal operating pressure is 100 psi
Hydraulic Tank Capacity	795 liters (210 gal.)
Fuel Tank Capacity	758 liters (200 gal.)

Learn more at harscorail.com

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