

TX16

PRODUCTION / SWITCH TAMPER



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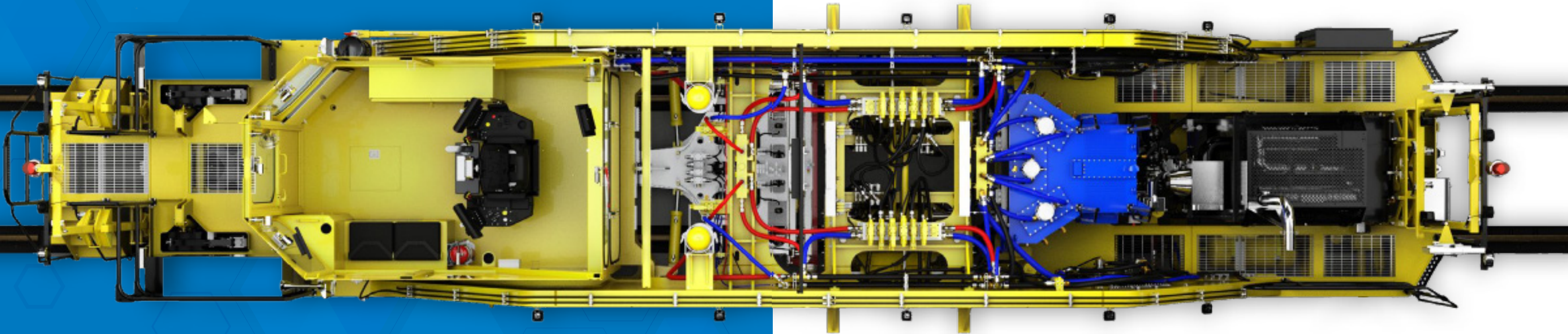
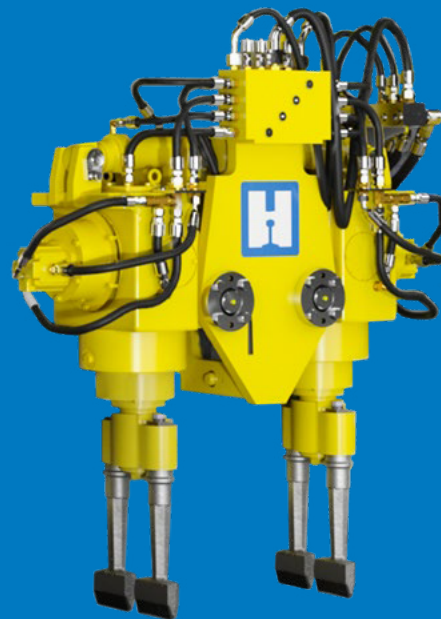


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Increased productivity from start-up to shut down – TX16 speeds up every aspect of the work day, safely. Cab deployable/stowable reference, integrated high-speed measurement, automated tamping, and hybrid index, combine to significantly increase overall productivity.

The TX16 leverages Harsco Rail's multi-generational product, technology, and service experience – safely delivering high production and accurate track correction within a reliable and versatile tamper.



CORE BENEFITS

Setup / Deploy

Cab deployable reference (2-3 minutes) *vs. 20 minutes, operator on track to deploy.*

Stow / Travel

In-cab stow, clear view for forward travel (2-3 minutes) *vs. 20 minutes, operator on track to stow.*

Record

Integrated, high speed, non-contact measurement (up to 30 mph / 48 kph) *vs. 5 mph / 8 kph.*

Work

Hybrid-index, automatic tie finding, switch visibility (32 ties/min [1000 m/hr]) *vs. 22 ties/minute (715 m/hr), traditional 16-tool tamper.*

FEATURES

Hybrid Index

A blend of traditional index and continuous action.

Automated Tamping Cycle

Demonstrated, tie-finding technology: minimal operator input on plainline track.

Half Split Tamping Heads

Four independent tamping units on two traversing frames – switch tamping flexibility without the complexity.

Callisto ProTamp

Single point, high-speed (30 mph / 48 kph) non-contact measurement with direct Jupiter integration.

MultiClamp

(Hooks and Roller Rail Clamp) Enables continuous rail contact for immediate track lifting.

Jupiter Control System

Experience across the Harsco Rail fleet: rugged and scalable, comprehensive diagnostics and a simplified electrical system.

Forward Mounted Cab

Best in class visibility; a clean view of the lifting hooks, tamping units, and track.

Cab Deployable Reference

All reference points can deploy and stow without exiting the cab.

Offset Control

Tamping units can be offset for skewed ties, in curves, and in the turnout.

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SPECIFICATIONS

Length	588 inches / 14,935 mm
Width	126 inches / 3,200 mm
Height	147 in / 3,734 mm
Weight	91,000 lbs / 41,277 kg
Wheelbase	335 inches / 8,509 mm
Tamping Units	4 pair, half-split carbide tipped, positive displacement
Max Travel Speed	30 mph / 48 kmh (12 mph / 19 kph)
Maximum Grade	12% in low gear, 4% in high gear
Minimum Curve	25 degrees (travel), 18 degrees (working)
Superelevation	6 in / 152 mm (maximum working)
Productivity	32 ties / minute or 1,000 meters/hour

Learn more at harscorail.com



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