

# TX16

PRODUCTION / SWITCH TAMPER



**RELAM**  
RAILWAY EQUIPMENT LEASING AND MAINTENANCE

RELAMINC.COM

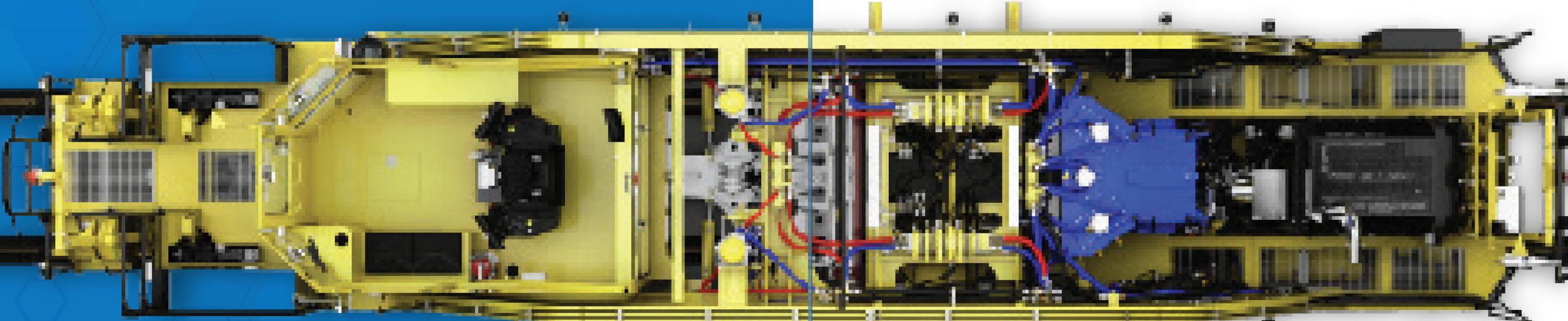
Rev 09-25

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## PRODUCTION / SWITCH TAMPER

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 (2-5 minutes)

**Record**  
Integrated, high speed, non-contact measurement (up to 30 mph / 48 kph)

**Work**  
Hybrid-index, automatic tie finding, switch visibility (32 ties/min [1000 m/hr])

**Stow / Travel**  
In-cab stow, clear view for forward travel (2-5 minutes)

### FEATURES

**Hybrid Index**  
A blend of traditional index and continuous action.

**Callisto Pro Tamp**  
Single point, non-contact measurement; record at speeds up to 30 mph.

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

**Automated Tamping Cycle**  
Demonstrated, tie-finding technology: minimal operator input on plainline track.

**Roller Rail Clamp**  
Continuous rail contact for immediate track lifting.

**Cab Deployable Reference**  
All reference points can deploy and store without exiting the cab.

**Half Split Tamping Heads**  
Four independent tamping units on two traversing frames – switch tamping flexibility without the complexity.

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

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

**In Cab Toolbox Package**  
A 2500 cubic inch, four drawer, heavy duty tool box beneath the jump seat.



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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 (14 mph / 22 kph, 3% grade)
Maximum Grade	12% in low gear, 4% in high gear
Minimum Curve	38 degrees (creep), 18 degrees (working)
Superelevation	6 in / 152 mm (maximum working)
Productivity	32 ties / minute or 1,000 meters/hour

Harsco Rail, Enviri Corporation  
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