

# TX16

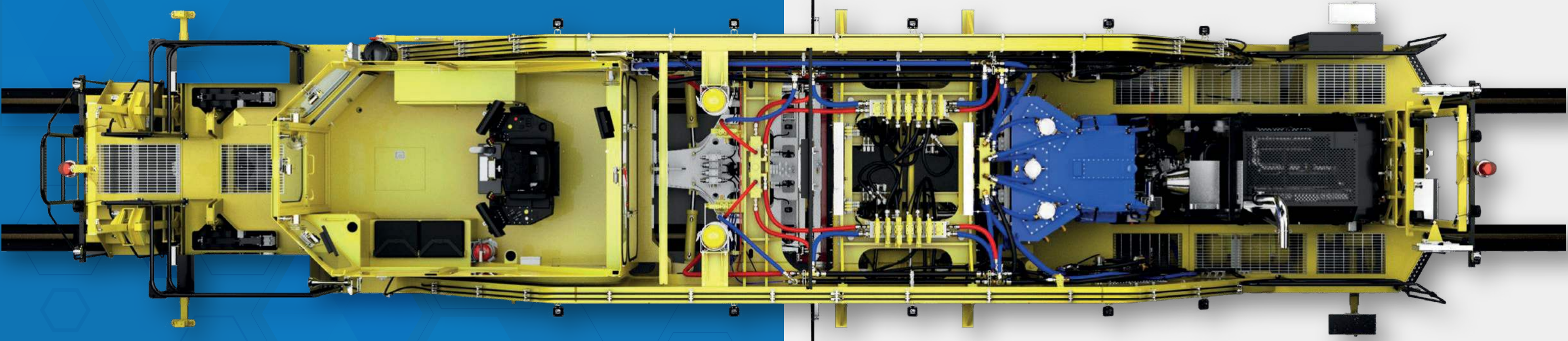
PRODUCTION / SWITCH TAMPER



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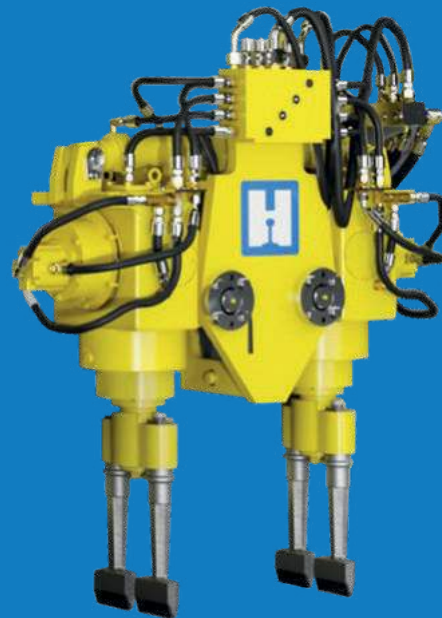


# TX16

## 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.



## 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 Pro Tamp

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

### Roller Rail Clamp

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 store without exiting the cab.

### Offset Control

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

## OPTIONAL FEATURES

### Drone Package

Allow TX16 to act as the lead machine to a drone (unmanned) chase tamper.

### Absolute Geometry Package

Import, process, and work track measurements from absolute geometry methods.

### Infra-red Light Lining System

A light-based alternative to the standard wire based lining system.

### On Deck Storage Boxes

An additional 25 cubic feet of lockable, weatherproof storage.

### Hydraulic Top-up Pump

Pump, plumbing, and controller to provide convenient hydraulic reservoir filling.

### Perimeter Lighting

LED lighting to improve nighttime visibility of the machine perimeter.

### External Emergency Stops

Emergency stops at all four corners of the machine.

### Laser Liner Package

Laser based track alignment referencing a known alignment up to 1/2 mile ahead.

### Diesel Fired Cab Heater

A 10,000 BTU/hr auxiliary cab heater for cold weather operation.

### Hydraulic Fluid and Engine Heater

A cold-weather auxiliary heater, getting the hydraulic fluid and engine to temperature quickly.

### Additional High Pressure Filters

Adds a high pressure hydraulic filter for every pump.

### Compass Package

Harsco Rail's telematics system monitors the machine's production, location, and key data.

### Tow Bar and Storage Package

For emergency towing.

### Window Blind Package

Retractable blinds for side cab windows.

### In Cab Toolbox Package

A 2500 cubic inch, four drawer, heavy duty tool box beneath the jump seat.

### Fuel Filter with Water Separator

An auxiliary fuel filter with built in water separator and sensor.

### Insulation Bypass Package

For the activation of on track signals and crossings.

### Drive Axle Rail Sweep Package

Adjustable rubber sweeps to clear debris from the rail surface.



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## PRODUCTION / SWITCH TAMPER



## SPECIFICATIONS

Length	588 inches
Width	126 inches
Height	137 inches
Weight	88,000 lbs (Prototype/Estimated)
Wheelbase	335 inches
Tamping Units	4 pair, half-split carbide tipped, positive displacement
Max Travel Speed	30 MPH (14 MPH, straight 3% adverse grade)
Maximum Grade	12% in low gear, 4% in high gear
Minimum Curve	38 degrees (creep), 18 degrees (working)
Superelevation	6 inches (maximum working)
Productivity	30 ties/minute @ 19.5 tie spacing

Learn more at [emea.harscorail.com](http://emea.harscorail.com)



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