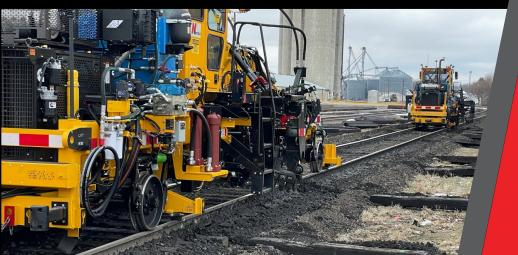
TPX Tie Exchanger









Key Features

- Nordco NEXXUS CANbus Control System
- Tie Plate Handling Capability
- Tie Finalizing Capability (Tie Line)
- Developed from proven platform
- Tie Guide Automated & Adjustable to assist in tie insertion and prevent ballast between tie and tie plate
- In cab tie plate centering
- 12" touch screen display for machine status, settings and workhead locks
- Dual electrical CANbus Joystick controls
- Advanced work statistics reporting with telematics capability
- Onboard machine diagnostics with fault code reporting and troubleshooting
- Pivoting tie exchanger workhead with 10 degrees forward and reverse and auto centering
- No Pneumatic System
- Spring and hydraulic active suspension
- Spring Retained and Hydraulically Actuated Brakes with Cobra brake shoes
- Single operator, climate controlled, fully enclosed cab
- Dual, pressure-compensated, hydraulic pumps (150 GPM)
- Cummins QSB6.7 Tier IV Final diesel engine (225hp)
- Dual-axle drive with proportional propel and braking

troublesho

troubleshooting so the TPX Tie Exchanger remains productive, with less downtime. Nordco's compliant digital technology platform makes the evolution of software and programs easy to incorporate, for continuous improvements of ease-of-use and automation advancements.

TPX Mode deploys Nordco's advanced automated plate handling system that mechanically secures the plate to the

rail during wood tie exchanges, reducing the necessary number of laborers, operators and machines in lineup, and

enabling shorter ramp-up and down-times. Additional

benefits include fewer ties work in process and increased

Nexxus CANbus Controls provide increased automation for

TRIPPs machine. Advanced on-board diagnostics enable fast

more precise and efficient performance over the current

Enhanced Safety and Ergonomics

Enhanced suspension and braking technology provide superior ride and surety. The TPX Tie Exchanger's productive automation requires fewer ground laborers, mitigating the risk of human exposure.

Minimal Track Disturbance

Cost-Per-Tie Reduction

track window utilization.

Leading Technology

The TPX Tie Exchanger's light machine footprint (one machine, one lift) causes minimal track disturbance.

Stock Fewer Maintenance Parts

Because the TPX uses many of the same components as other Nordco machines, you can stock fewer maintenance parts in your trailers.



Efficient Versatility. Precise Control.

Adjustable gripper force, and the ability to operate from either side of the track and adjust for rail type and height, provides the versatile performance needed to work faster, with precise control.



We Keep You On Track

Providing assured quality and warranty coverage, Nordco's aftermarket and rental programs keep you operating on track.

Ask us about...

Rebuild Programs

Are your maintenance-of-way machines getting older and less reliable? Nordco can rebuild virtually all maintenance-of-way equipment, regardless of original manufacturer, restoring your machines to like-new status.

Component Exchange Programs

Do you only need a replacement component, such as a workhead or axle, for your maintenanceof-way machine? You can order new or rebuilt components to be delivered directly to your shop or field operations.

Trade-In Programs

Interested in purchasing a new maintenance-ofway machine, but wondering what to do with your existing equipment? In many cases, you can trade in your current equipment for credit towards a new machine.

Rental Programs

Have a short-term need for a particular maintenance-of-way machine? Check our website for a current list of available rental equipment.

Parts Availability

Need parts for your maintenance-of-way machine? Contact our part experts at 1-800-647-1724, Monday through Friday, 7:30 a.m. to 5:00 p.m. US Central Time.

Want to ensure that you order the most essential parts to keep your maintenance-of-way machine operational? Check our website or ask your parts sales representative about the available critical component kits and basic spare part kits for your machine.

Not sure what parts to order for preventive maintenance or winterization? You'll find a large range of kits available — check our website or ask your parts sales representative.

Product Specifications

| Category | Specification | Value |
|-------------------|------------------------------|--|
| General | Weight | 44,500 lbs |
| | Length | 37'-0" (without Bumper Extensions) |
| | Width | 9'-11″ |
| | Working clearance | 12'-1" (from center of track with one tie exchanger extended) |
| | Height | 11'-0" |
| | Wheel base | 27'-3" |
| | Travel speed | 21 mph (maximum) |
| Capacities | Fuel tank | 145 gallons |
| | Hydraulic tank (single) | 185 gallons |
| | DEF tank | 10 gallons |
| Engine | Make/Model | Cummins Tier IV Final - QSB6.7 (225hp) |
| Hydraulic System | Danfoss S45 pumps (standard) | Oil Gear PVG |
| | Control valves | Piston pump |
| Electrical System | Battery | 24 Vdc (dual 12V DC batteries) |
| Axle Drive System | Drive type | Dual-axle, chain-drive, hydraulic |
| Suspension | Spring & Shock Damper type | Spring suspension with hydraulic stabilization |
| Brakes | Type/Style | Hydraulically-released and spring applied (fail safe), four-wheel, Cobra-style |

Optional Equipment

| Category | Option Type | Description |
|----------------------|-------------------------------------|---|
| Cabin | Cabin accessories | Cab window shades, vandal guards (protective screens over cab windows) |
| Tie Control | Tie-related accessories | Rail lift spotting feature, tie insertion stop device, upgrades to make machine suitable for work in third-rail territory |
| Repair & Maintenance | Electric hydraulic tank fill system | Allows quick filling of hydraulic tank |
| | Spare hose tree | Stores extra hoses on the machine |
| | Remote fuel and oil filter loops | Allows quick filter maintenance |
| | Case drain return filtration | Filters oil to remove wear-related metal filings |
| Other Accessories | Lighting and mirrors | Heated outside mirrors, perimeter lighting package |
| | Storage | Additional book storage box, track tool box |
| | Miscellaneous | Extra parts/operations/maintenance manuals, rail sweeps, tow bar with D-handle hitch pins |



Use your smartphone to scan this code for more information.

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