

# TRIPP - Tie Remover/Inserter



## Key Features

The TRIPP - Tie Remover/Inserter includes the following key features:

- Single-operator climate-controlled, enclosed cab
- 82-inch-stroke-length workheads for work on either side of track; 12,880 lbs. insertion force / 20,740 lbs. removal force
- Automatic controls, with manual override
- Cummins Tier III engine
- Four-wheel, dual-axle, hydraulic drives
- Spring-applied, air-released brakes, with Cobra brake shoes
- 24 VDC, circuit breaker-protected, electrical system
- PLC electrical control system
- Dual, pressure-compensated, hydraulic pumps
- Steel manifold-mounted, electrical control valves
- Cab-controlled locks on all cylinders
- Joystick controls

*Remove and insert ties from either side of the track, depending on location restrictions.*



TRIPP - Tie Remover/Inserter

## Handles wood and concrete ties

The TRIPP is designed to handle all wood, as well as wood composite, ties. In addition, optional concrete grippers are available to convert the TRIPP to handle concrete ties.

## Adjustable gripper force

The gripper force for the tie gripper assembly can be adjusted for the following:

- Different tie types
- Tie degradation (to prevent further tie disintegration during removal)
- Tie insertion (to prevent damage to new ties)

## Operates from either side of track

82-inch-stroke-length workheads allow the operator to perform removal/insertions from either side of the track, allowing greater control in obstructed or constricted areas; the operator can also access the cab from either side of the machine.

## Adjusts for different rail types and heights

Simple switch settings allow the operator to quickly adjust for jointed or welded rail. In addition, operator-controlled settings allow rail lift height adjustments for different rail heights - even different heights on left and right rails.

## Stock fewer maintenance parts

Since the TRIPP uses many of the same components as other Nordco machines, you can stock fewer maintenance parts on your parts wagon.



Use your smartphone to scan this code for more information.

## Optional Equipment

Category	Option Type	Description
Cabin	Cabin accessories	Cab window shades, vandal guards (protective screens over cab windows)
Tie Control	Tie-related accessories	Concrete tie grippers (1 pair), rail lift spotting feature, tie insertion stop device, upgrades to make machine suitable for work in third-rail territory
Engine	Engine upgrade	John Deere 6068T, Tier IV, turbo-charged, six-cylinder
Repair & Maintenance	Lubrication system	Air-powered grease lubrication system (35# pail & 32' hose)
	Electric hydraulic tank fill system	Allows quick filling of hydraulic tank
	Spare hose tree	Stores extra hoses on the machine
	Remote coolant filter loops	Allows quick filter maintenance
	Schroeder KF 30 case drain return filtration	Filters oil to remove engine wear-related metal filings
	Drive axles	Cab-selectable insulation by-pass for drive axles
Other Accessories	Gauges and alarms	Fuel level site gauge, hydraulic reservoir temperature gauge, low hydraulic oil level/high hydraulic oil temperature alarm
	Lighting and mirrors	Heated outside mirrors, perimeter lighting package
	Storage	Additional book storage box, track tool box
	Miscellaneous	"Danger Live Track" retractable belt, DOT reflective tape, extra parts/operations/maintenance manuals, rail sweeps, tow bar with D-handle hitch pins, windshield washer fluid tank and nozzles

## Product Specifications

Category	Specification	Value
General	Weight	36,000 lbs
	Length	36'
	Width	11'
	Working clearance	12' 1" (from center of track with one tie exchanger extended)
	Height	11' 6"
	Wheel base	25'
	Travel speed	23 mph (maximum)
Capacities	Fuel tank	120 gallons
	Hydraulic tank	2 @85 gallons
Engine	Make/Model	Cummins Tier III diesel engine
Hydraulic System	Pumps	Oil Gear PVG
	Control valves	Piston pump
Electrical System	Battery	24 Vdc (dual 12V DC batteries), 1150 cold-cranking amps
Axle Drive System	Drive type	Dual-axle, chain-drive, hydraulic
Brakes	Type/Style	Pneumatically-applied (air), four-wheel, Cobra-style

[www.nordco.com](http://www.nordco.com)

245 W. Forest Hill Avenue  
Oak Creek, WI 53154 USA  
Phone: 414-766-2180  
Fax: 414-766-2379

