

NETP - Tie Plugger



Key Features

The NETP - Tie Plugger includes the following key features:

- Dual-operator cab, with canopy roof
- Dual plugging guns, supported by a jib mechanism
- Brush-blower-heater (BBH) option available; CPRM manifold for selecting between wood or concrete tie applications
- Crawler tracks for operation when one rail is out (optional)
- Integrated guide rollers for stability during crawler use (optional)
- John Deere four-cylinder, four-stroke diesel engine
- 24 VDC, circuit breaker-protected, electrical system
- Four-wheel, dual-axle, chain-driven propulsion system
- Spring-applied, air-released brakes, with Cobra brake shoes
- Single, pressure-compensated hydraulic pump
- Cab-controlled power lockups
- Integrated, positive locking, rail-to-rail turntable

Precision controls for measuring and mixing of chemicals ensures high-quality plugs.



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Work even in extreme weather conditions

Operator-controlled temperature settings maintain ideal plugging compound temperatures to accommodate variable weather conditions and/or changes in the surface temperatures of the ties.

Crawlers allow plugging operations during rail replacement

The optional crawler propulsion system allows tie plugging operations on one rail even when the other rail is removed during rail replacement activities. Guide rollers on the opposite side stabilize the equipment during crawler usage, ensuring that the machine does not derail. In addition, the crawler speed and height are fully adjustable.

High capacity and high quality materials

The NETP can hold 400 gallons of the SpikeFast non-foam, polyurethane plugging compound. SpikeFast - a leading spike hole filler in the rail industry - has shown in performance tests commissioned by national railroads that it outperforms wood plugs and urethane foams in both lateral resistance and pullout resistance. Not only is SpikeFast easy to apply, but holes are ready for re-spiking within 10 minutes.

Nordco's precision measuring and mixing system for the resin and ISO chemical compounds in SpikeFast ensure the strongest possible plugging material.

Brush-blower-heater option for concrete ties

The optional brush-blower-heater (BBH) features a wire brush cleaner and heater that provides an ideal surface for laying glue and pads on concrete ties. The CPRM manifold allows for easy switching between wood and concrete tie applications.



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Optional Equipment

Category	Option Type	Description
Cab	Cab accessories	Cab curtains
Repair & Maintenance	Corner-mounted jackstands	Holds the unit above the track to allow under-machine repairs
	Electric hydraulic tank fill system	Allows quick filling of hydraulic tank
	Spare hose tree	Stores extra hoses on the machine
	Electric emergency pump	Allows workhead to be moved if engine fails
Other Accessories	Gauges and alarms	Fuel level site gauge, speedometer, hydraulic reservoir temperature gauge, low hydraulic oil/high hydraulic oil temperature alarm
	Lighting and mirrors	Night lighting package
	Storage	Track tool box
	Miscellaneous	"Danger Live Track" retractable belt, DOT reflective tape, extra parts/operations/maintenance manuals, tow bar with D-handle hitch pins

Product Specifications

Category	Specification	Value
General	Weight - without crawlers	12,500 lbs (tanks empty); 18,000 lbs (tanks full)
	Weight - with crawlers	21,500 lbs (tanks empty); 27,000 lbs (tanks full)
	Length	19' 6"
	Width	8' 6"
	Height	10' 6"
	Wheel base	10' 2"
	Travel/work speeds	25 mph maximum (rail - travel mode); 6 mph (rail - work mode); 4 mph (crawler - travel mode)
Capacities	Fuel tank	35 gallons
	Hydraulic tank	60 gallons
Engine	Make/Model	John Deere 4045D
	Type	Naturally aspirated, four-cylinder inline
Hydraulic System	Make/Model	Vickers PVM98 series
	Type	Vickers manifold
Electrical System	Battery	24 Vdc (dual 12V DC batteries), 1150 cold-cranking amps
Axle Drive System	Drive type	Dual-axle drives
	Propulsion type	Hydraulic chain drives
Brakes	Type	Spring-applied/air released
	Style	Four-wheel Cobra-style
Pulling Weights	Rated draw bar pull on rail	1,000 lbs

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