

SP2R - Spike Puller Two Rail



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Key Features

The SP2R - Spike Puller Two Rail includes the following key features:

- Enclosed dual-operator, climate-controlled cab; optional extended cab (capacity = 7) available
- A-frame pulling assembly over each rail
- Claw-style pulling tools to handle line spikes and anchor spikes; optional Lewis bolt and hairpin spike workheads available
- Cab-controlled hydraulic workhead locks
- John Deere Tier III diesel engine; optional Cummins engine available
- Four-wheel, dual-axle, chain-driven propulsion system
- 24 VDC, circuit breaker-protected, electrical system
- Spring-applied, hydraulic-released brakes, with Cobra brake shoes and deadman switch
- Integrated, positive locking, rail-to-rail turntable
- Joystick controls

Handles line spikes, anchor spikes, hairpin spikes, and Lewis bolts.

Adjust to different working conditions

- Simply adjust the limit switches to set the claw height for different rail heights.
- Quickly change the width of the claw opening at any time using a simple dial setting or use the automatic workhead centering option.
- Easily position inner and outer claws to align for different spike patterns.
- Use the integrated turntable to easily reverse direction on the track.

Handle different spike types

Easily swap out the workheads in about one hour- in the field or the shop - to handle different spike types. Optional specialized workhead assemblies for Lewis bolts and hairpin spikes are available.

Use fewer personnel carriers

The optional extended cab allows up to five extra crew members (total capacity = 7) to ride in the cab. Fewer personnel carriers mean less equipment to maintain and less space needed on sidings for overnight storage.

Keep production levels high while maximizing spike reuse

Pull two spikes simultaneously from each side of the rail, for a total of four spikes at one time. Since claw fingers grasp spikes under the head while the workhead assembly pulls straight up, spikes stay straight and re-usable.

Lower cost of ownership

Since the SP2R uses many of the same components as other Nordco machines, you can stock fewer maintenance parts on your parts wagon.



Overall Machine View – Short Cab



Overall Machine View – Extended Cab



An easy-to-access workhead assembly allows you to quickly perform maintenance or make claw adjustments.

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 maintenance-of-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-of-way 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.

Optional Equipment

Category	Option Type	Description
Cab	Extended cab	Provides total seating capacity for up to seven crew members.
	Cab accessories	Cab pressurizer, cab window shades (standard cab and extended cab)
Pulling Tools	Hairpin	Hairpin pulling hydraulic and electrical update, hairpin pulling tools
	Lewis bolt	Evergrip pulling components
Repair & Maintenance	Corner-mounted jackstands	Lifts the unit 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
	Remote coolant filter loops / Remote fluid drains	Allows quick filter/fluid maintenance
	Schroeder KF 30 case drain return filtration	Filters oil to remove engine wear-related metal filings
	Electric emergency pump	Allows workhead to be moved if engine fails
Cold Weather	Machine heaters	110-volt hydraulic tank heater, brake de-icing feature, Espar diesel-fired engine heater and hydraulic heater tubes
	Cab heater	Espar Airtronic 4, diesel-fired cab heater
Other Accessories	Gauges and alarms	Fuel level site gauge, speedometer, hydraulic reservoir temperature gauge, low hydraulic oil level/high hydraulic oil temperature alarm, turntable warning light and buzzer
	Lighting and mirrors	Heated outside mirrors and 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	17,000 lbs
	Length	19' 6"
	Width	8' 6"
	Height	10' 6"
	Wheel base	108"
	Travel speed	25 mph (maximum)
Capacities	Fuel tank	60 gallons
	Hydraulic tank	98 gallons
Engine	Make/Model	John Deere 4045T
	Type	Turbocharged, inline four-cylinder
Hydraulic System	Make/Model	Vickers PVM098 (24 Volt)
	Type	Vickers manifold
Electrical System	Battery	24 Vdc (dual 12V DC batteries), 1150 cold-cranking amps
Axle Drive System	Drive and propulsion type	Four-wheel, two solid axles, hydraulic chain drive
Brakes	Type/Style	Spring-applied/hydraulically released, four-wheel Cobra-style

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