

# Screw Remover



## Key Features

The Screw Remover includes the following key features:

- Enclosed dual-operator, climate-controlled cab; optional extended cab (capacity = 7) available
- Dual-sided screw remover workheads
- Hydraulic spotting carriage assembly
- John Deere Tier III diesel engine; Cummins Tier III engine available
- 24 VDC, circuit breaker-protected, electrical system
- Cobra brake shoes
- Four-wheel, dual-axle (non-insulated), hydraulic motor, chain-driven propulsion system
- Cab-controlled workhead power lock-ups
- Single, pressure-compensated, hydraulic pump
- Manual emergency hydraulic pump and hydraulic tank fill system
- Steel manifold-mounted electrical control valves
- Integral, positive-locking, rail-to-rail turntable
- Spring-applied, hydraulic-released braked
- Joystick controls

*Precisely set workheads for different hole patterns, rail heights, and head flange size.*



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## High production levels

The Screw Remover – built upon Nordco’s SP2R (Spike Puller Two Rail) platform – is designed to remove lag screws in a production environment.

Operators can use the dual-workhead mode to efficiently operate both the inside and outside workheads simultaneously, allowing the rapid removal of all four lag screws (two per rail) at the same time. There is no need to re-adjust the workhead or latch levels for occasional high screws; manual controls make on-the-spot adjustments fast and easy.

Finally, the heavy-duty removal torque capability removes even the most embedded lag screws with 700 foot-pounds of torque.

## Lower cost of ownership

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

## Quickly adjust for height and pattern differences

A simple adjustment shaft change adapts the workhead for different hole patterns. Quick adjustments set the workhead for different rail heights. In addition, the adjustable latch height allows operators to precisely account for the size of the head flange and any included washers.

## 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.

## Optional Equipment

Category	Option Type	Description
<b>Cab</b>	Extended cab	Provides total seating capacity for up to seven crew members.
	Cab accessories	Cab pressurizer, cab window shades (standard cab and extended cab)
<b>Engine</b>	Engine upgrade	Cummins Tier III engine option available
<b>Customer Specific</b>	Customer supplied installations	Customer-supplied radio or GPS system, customer-supplied decals
<b>Repair &amp; Maintenance</b>	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 (color-coded)	Allows quick filter/fluid maintenance
	Schroeder KF 30 case drain return filtration / Schroeder Test Mates	Filters oil to remove engine wear-related metal filings
	Electric emergency pump	Allows workhead to be moved if engine fails; Little Giant and standard available
	Gauges and alarms	Fuel level site gauge, speedometer, hydraulic reservoir temperature gauge, low hydraulic oil level/high hydraulic oil temperature alarm, turntable safety interlock with warning light and buzzer
<b>Other Accessories</b>	Lighting and mirrors	Heated outside mirrors, perimeter lighting package (halogen and LED options available), travel and work light upgrade to LED, strobe light upgrade to LED
	Storage	Additional book storage box, track tool box, box for operator belongings
	Miscellaneous	All Season Hydrex XV oil, cycle counters, "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
<b>General</b>	Weight	19,000 lbs
	Length	19' 6"
	Width	8' 6"
	Height	9' 11"
	Wheel base	108"
	Travel speed	25 mph (maximum)
<b>Capacities</b>	Fuel tank	60 gallons
	Hydraulic tank	98 gallons
<b>Engine</b>	Make/Model	John Deere 4045T, Tier III
	Type	Turbocharged, inline four-cylinder
<b>Hydraulic System</b>	Make/Model	Vickers PVM098 (24 Volt)
	Type	Vickers manifold
<b>Electrical System</b>	Battery	24 Vdc (dual 12V DC batteries), 1150 cold-cranking amps
<b>Axle Drive System</b>	Drive and propulsion type	Four-wheel, dual-axle (non-insulated), hydraulic motor, chain & sprocket drive
<b>Brakes</b>	Type/Style	Spring-applied/hydraulically released, 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

