

PSS - Production Screw Spiker



Key Features

The PSS - Production Screw Spiker includes the following key features:

- Semi-enclosed cab cab, with seating for two screw spiker operators and one feed-tray operator
- Dual screw spiker workheads, with guide roller and magazine feed
- Manual pattern adjustment turnbuckle
- Positive locking turntable with aluminum base
- John Deere Tier III diesel engine; Cummins Tier III engine available
- 24 VDC, circuit breaker-protected, electrical system; PLC electrical control system
- Four-wheel, dual-axle, hydraulic motor, chain and sprocket propulsion system
- Cab-controlled workhead power lock-ups
- Single, pressure-compensated, hydraulic pump
- Steel manifold-mounted electrical control valves
- Spring-applied, hydraulic-release brakes with Cobra brake shoes
- Filtered manual hydraulic tank fill system; filtration loop fittings
- Joystick controls

Control your screw spike feed with manual or auto-load options.



Use your smartphone to scan this code for more information.



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High production levels

The PSS – built upon Nordco’s CX Hammer Production Spiker platform – is designed to drive screw spikes in a production environment.

Operators can use the dual-workhead mode to efficiently operate both the inside and outside workheads simultaneously, allowing the rapid insertion of all four lag screws (two per rail) at the same time.

Quickly adjust to different working conditions

Make a simple turnbuckle adjustment to adapt the gun spacing for different hole patterns. Or quickly add or remove clips to set the workhead to handle different rail heights. In addition, a removable turntable allows the PSS - Production Screw Spiker to easily reverse direction on the track.

Easily set drive levels

Adjust the drive height switch on the workhead from inside the cab - no tools required. In addition, fine-tune the drive depth with a simple dial setting.

Control spike feed manually or automatically

Decide how your lag screws feed into the jaws - select between manual load or auto-load options.

Quickly load spike kegs

Use the attached boom and winch to quickly load spike kegs onto the rear storage rack; the winch handles loads up to 300 lbs.

Optional Equipment

Category	Option Type	Description
Cab	Cab options	Enclosed climate-controlled cab, extended cab with seating for eight
	Cab accessories	Cab pressurizer, cab window shades (standard cab and extended cab), engine-driven air conditioner
Cold Weather	Heaters	110V hydraulic tank heater, ESPAR Airtronic 4 diesel-fired cab heater, ESPAR diesel-fired engine heater with Arctic Fox tubes,
Spikes	Spike and spike loading accessories	Screw spike feed warm-up kit, spike keg loading area curtain, steps and grab irons for bulkloader maintenance access, feeder swivel seat pedestal
Engine	Engine upgrade	Cummins Tier III engine option available
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 (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
Other Accessories	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
	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
General	Weight	30,350 lbs
	Length	25'
	Width	8' 6"
	Height	10'
	Wheel base	163"
	Travel speed	25 mph (maximum)
Capacities	Fuel tank	120 gallons
	Hydraulic tank	115 gallons
Engine	Make/Model	John Deere 4045HF285, Tier III
	Type	Four-cylinder, four-stroke
Hydraulic System	Make/Model	Vickers PVH series
Electrical System	Battery	24 Vdc (dual 12V DC batteries), 1150 cold-cranking amps
Wheels	Size and Typ	3" standard, cast steel
Brakes	Type	Four-wheel shoe-type, spring-actuated, hydraulic release

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