

HST - Hydraulic Switch Tamper



Key Features

The HST - Hydraulic Switch Tamper includes the following key features:

- Single-operator, climate-controlled, enclosed cab with ergonomic operator station and optional heated outside mirrors
- Electric controls
- John Deere 6.8 liter, Tier III, 175 HP @2200 RPM, four-cycle diesel engine
- 100 gallon fuel tank
- 180 gallon hydraulic oil tank
- High-frequency hydraulic-driven vibratory drop and squeeze workheads with 16 tamping tools (tools vibrate at 3200 VPM with amplitude of 3/8" (9.5 mm))
- Engine-mounted compressor pneumatic system
- 24Vdc (two 12-volt batteries) with 1150 cold-cranking amps
- Dual-axle, hydraulic motor-driven, four-speed transmission
- Air-operated, clasp-type failsafe four-wheel brakes
- 12-month warranty, starting from shipment date



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Purchase or rebuild options

The Nordco HST - Hydraulic Switch Tamper, completely rebuilt from the frame up, is available through two cost-saving options:

- Purchase one of our already rebuilt HST machines now available in our inventory
- Have us rebuild and upgrade your junior tamper into an HST; multiple tamper models are eligible for this type of conversion

Regardless of your selected option, Nordco will deliver a like-new HST - Hydraulic Switch Tamper that incorporates the latest technology upgrades and carries a full new machine warranty.

Ideal for moderate raises

The HST, a squeeze-type tamper, is ideal for switch tamping at moderate raises. Highly productive, the HST is known throughout the industry for its traversing workheads, performance speeds, simplicity in operation and maintenance, as well its high degree of dependability. In addition, the smaller footprint allows the HST to work in much tighter areas than other tampers.

Robust workheads/tamping tools system

The HST includes four workhead carriages, each containing two hydraulic vibrator tamping units, which in turn each have two tamping tools attached to the underside of the vibrator mount. These hydraulic vibrators deliver a robust 3200 VPM in tamping power. While the workhead carriages are normally configured to work simultaneously, they can be operated independently, if the conditions require it.



Optional Equipment

Category	Option Type	Description
Cab	Cab accessories	Cab window shades, cab pressurizer
Fluid Maintenance	Hydraulic and oil	Hydraulic reservoir temperature gauge in cab, high-pressure filter kit, hydraulic fill pump with stainless tube, electric emergency pump, hydraulic oil low level alarm, hydraulic oil high temperature alarm, hose tree for storage of spare hoses, color-coded remote fluid drains
	Coolant	Remote coolant filter loop
	Fuel	Electric fuel level gauge
Other Accessories	Lighting and mirrors	Perimeter lighting package, heated outside mirrors
	Monitors	Cycle counter, work hour counter
	Miscellaneous	"Danger Live Track" retractable belt, tow bar with D-handle hitch pins, 12V 20 Amp MOW radio circuit, front and rear rail sweeps

Product Specifications

Category	Specification	Value
General	Weight	28,000 lbs
	Length	20' 4"
	Width	10' 6"
	Height	10' 4"
	Travel speed on rail	In excess of 35 mph maximum
	Towing speed	35 mph maximum
	Rated draw bar pull (on rail)	15,000 lbs
Capacities	Fuel tank	100 gallons
	Hydraulic oil tank	180 gallons
	Oil cooler	30 gpm
Hydraulic System	Pressure settings	5000 psi
	Relief cartridge (valve banks)	2700 psi
Engine	Make/Model	John Deere 6.8L, Tier III
	Continuous BHP	175 HP @2200 rpm
	Oil capacity	32.5 liters
Electrical System	Battery	24V Vdc (two 12V batteries, 1150 cold-cranking amps)
	Ground and disconnect	Negative, with positive disconnect
Pneumatic System	Engine-mounted compressor	14 cfm @120 psi
	Tanks	2 @ 6.5 gallons
Axle Drive System	Drive type	Dual-axle drive
	Propulsion type	Hydraulic motor-driven, four-speed transmission
Axle/Wheels	Axle size	5 inch
	Wheel size and type	24-inch, forged steel
Brakes	Indexing	Four-wheel hydro-dynamic
	Traveling	Four-wheel clasp type with fail safe
	Emergency and Parking	Fail-safe spring takeover

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