

CX Hammer - Production Hammer

Rebuild Program



Rebuild inclusions

The CX Hammer rebuild program includes the following:

Chassis

- New or rebuilt heavy-duty frame (rebuilt: sand-blasting and repainting)
- New or rebuilt cab with Red Dot air conditioner and heater

Cabin

- New, adjustable operator seats for two spike gun drivers and one feed tray operator
- New instrumentation, windows, mirrors, and horns

Electrical System

- 24 VDC, circuit breaker-protected electrical system
- New CX Hammer PLC logic box
- New Mini-fast-style junction boxes
- New or rebuilt operator boxes

Nippers

- New tie hook cylinders
- Rebuilt nipper frame/cylinders

Gager Assembly

- Rebuilt gager assembly

Hydraulic System

- New hoses
- New CX steel manifolds
- New Vickers pump

Engine

- New John Deere engine

Workheads

- New curve block anvil & sleeves
- New or rebuilt trays and tray heads
- New up/down workhead cylinders
- Rebuilt heavy-duty guide wheel assemblies
- Rebuilt Kent KF-3 CX Hammer



CX Hammer - Post Rebuild

Rebuilt to latest factory specifications

Nordco rebuilds the CX Hammer to the latest factory specifications. This rebuild process maximizes the service life and utilization of your spike driver at the fraction of the cost of a new machine.

Fast and powerful

The CX Hammer can simultaneously drive up to two spikes per rail, for a total of four per tie, while the hydraulically operated spotting system allows fast alignment of the guns with the tie plate holes. The large capacity spike trays hold up to 50 spikes each, allowing continuous spiking operations.

An auto spike feeder option provides continuous spike feeding action from the bulk bin directly to the driving guns, eliminating the need for a feed tray operator.

Adjust to different gaging conditions

The optional gaging attachment allows the operators to easily push rail into the correct position to set the track gauge, adjust for different rail heights, set the speed of the gaging process, and control the gager settings to correctly calculate for new or worn rail.

Cluster Buster option available

The Nordco Cluster Buster option is available for inclusion on all Nordco spiker models, including the CX Hammer.

Optional Equipment

Category	Option Type	Description
Cabin	Cabin	Extended cab with seating for seven
	Cabin accessories	Cab-controlled power locks (gager, nipper, workheads), cab pressurizer, cab window shades, spike feeder swivel seat pedestal, ESPAR Airtronic 4 diesel-fired cab heater, ESPAR diesel-fired engine heater with Arctic Fox tubes, rear cab window and light protection
Spike Control	Spike-related accessories	Auto spike feeder option (custom bulk bin, singulator, conveyors, orienter), cluster buster /spring-mount option for bulk loader, dust collection system for bulk spike loader, push-style bulk loader, steps and grab irons for bulk loader maintenance access, Lewis bolt ever-grip driving heads, cycle counters, rebuilt bulk loader, screw spike feed warm-up kit, solid spike deflector mats, spike kep loading area curtain (not used with bulk loader), ttray head opening cover (both sides of machine)
Repair & Maintenance	Electric systems	Electric hydraulic tank fill system, electric emergency pump
	Standard maintenance	Corner-mounted jackstands, spare hose tree, remote coolant filter loops / remote fluid drains, all-season Hydrex XV oil
Other Accessories	Gauges and alarms	Speedometer, hydraulic reservoir temperature gauge, hydraulic valve warm-up kit
	Lighting and mirrors	Heated outside mirrors, perimeter lighting packages (halogen or LED), strobe light upgrade to LED, travel/work light upgrade to LED
	Storage	Additional book storage box, track tool box
	Miscellaneous	Reversing fan option for engine, "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
	Turntable	Aluminum replacement for standard steel turntable, turntable warning light and buzzer

Product Specifications

Category	Specification	Value
General	Weight	22,500 lbs
	Length	25' 8"
	Width	8' 6"
	Height	9' 10"
	Wheel base	163"
	Travel speed	25 mph (maximum)
Capacities	Fuel tank	120 gallons
	Hydraulic tank	110 gallons
Engine	Make/Model	John Deere 4045D, 99 HP, four-cylinder, turbo diesel-fired
Hydraulic System	Pumps	Vickers PVH Series
	Control valves	Vickers Manifoldd
	Oil Cooler	Electric fan, 80 GPM
Electrical System	Battery	24 Vdc (dual 12V DC batteries), 1150 cold-cranking amps
Axle / Wheels	Axle size / Wheel size and type	3-inch standard / 16-inch diameter, cast steel
Brakes	Type	Four-wheel shoe type, spring-actuated, hydraulic-release

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