Optional Equipment

Category	Option Type	Description
Cabin	Cabin accessories	Air conditioning, cab pressurizer, cab window shades, vandal guards for windows, windshield washer fluid tanks and nozzles
Spike Control	Spike-related accessories	Push-style bulk loader, dual vibrators, cluster buster /spring-mount option for bulk loader, dust collection system for bulk spike loader, ladder and walkway for bulk loader, steps and grab irons for bulk loader maintenance access
	Auto spike feeder option	Spike orientors, spike trays, singulator and conveyors, electrical and hydraulic upgrades, inclusion of bulk bin with Cluster Buster option
Repair & Maintenance	Corner-mounted jackstands	Holds the unit above the track 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 wear-related metal filings
	Electric emergency pump	Allows cylinders to be moved if engine or pump fails
Other Accessories	Gauges and alarms	Fuel level site gauge, speedometer, hydraulic reservoir temperature gauge, low hydraulic oil/high hydraulic oil temperature alarm
	Lighting and mirrors	Heated outside mirrors, perimeter lighting package
	Storage	Additional book storage box, operator belongings 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
	Turntable	Turntable warning light and buzzer

Product Specifications

Category	Specification	Value
General	Weight	28,750 lbs (30,350 lbs with bulk loader option)
	Length	25' 8"
	Width	8' 6"
	Height	9' 10"
	Wheel base	13' 6"
	Travel speed	25 mph (maximum)
Capacities	Fuel tank	90 gallons
	Hydraulic tank	110 gallons
Engine	Make/Model	John Deere 4045TF, 140 HP, four-cylinder, turbo diesel-fired (140 HP engine required with auto spike feeder option)
Hydraulic System	Pumps	Variable hydrostatic pump
	Control valves	Various cartridge
	Oil Cooler	Electric fan, 80 GPM
Electrical System	Battery	24 Vdc 1150 cold-cranking amps
Axle / Wheels	Axle size / Wheel size and type	3-inch standard (3 7/16-inch with bulk loader option)/ 16-inch diameter, cast steel
Brakes	Type	Four-wheel shoe type, spring-actuated, hydraulic-release

RELAM
RAILWAY EQUIPMENT LEASING AND MAINTENANCE
RELAMINC.COM

RELAM, Inc.
7695 Bond Street
Glenwillow, Ohio 44139
800.962.2902
quotes@relaminc.com

WISKERCHEN TRUCK & EQUIPMENT LLC
WISKTRUCKS.COM

Wiskerchen Truck & Equipment
205331 Co Rd F
Spencer, WI 54479
888.405.0110
info@wisktrucks.com

Rev 06-24

Nordco

SE Hammer

Production Spike Driver

RELAM
RAILWAY EQUIPMENT LEASING AND MAINTENANCE
RELAMINC.COM

RELAM, Inc.
7695 Bond Street
Glenwillow, Ohio 44139
800.962.2902
quotes@relaminc.com

WISKERCHEN TRUCK & EQUIPMENT LLC
WISKTRUCKS.COM

Wiskerchen Truck & Equipment
205331 Co Rd F
Spencer, WI 54479
888.405.0110
info@wisktrucks.com

Maintenance Made Simple

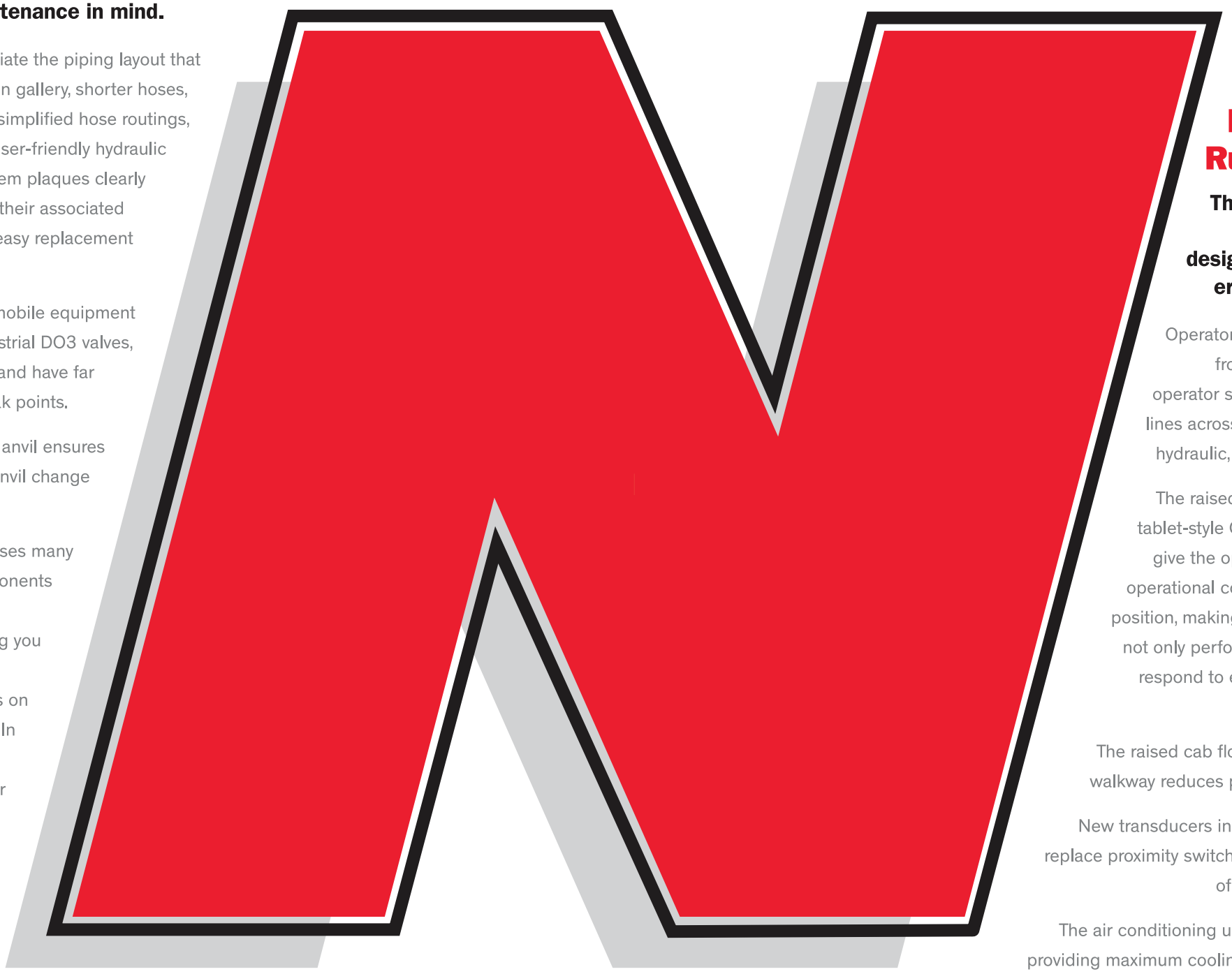
The SE Hammer was specifically designed with field maintenance in mind.

Mechanics appreciate the piping layout that includes a common gallery, shorter hoses, highly visible and simplified hose routings, and less fittings. User-friendly hydraulic and electrical system plaques clearly identify parts and their associated part numbers for easy replacement part ordering.

The proportional mobile equipment valves, unlike industrial DO3 valves, are much smaller and have far fewer potential leak points.

The quick-change anvil ensures swift and simple anvil change outs in the field.

The SE Hammer uses many of the same components as other Nordco machines, meaning you can stock fewer maintenance parts on your parts wagon. In addition, the machine's modular design makes components accessible and faster to maintain.



Ergonomics Rule The Day

The SE Hammer was also specifically designed with operator ergonomics in mind.

Operators appreciate the larger front windows, the raised operator seat, and the clear sight lines across the top of the engine, hydraulic, and electrical systems.

The raised operator seat and the tablet-style CANbus control system give the operator more access to operational controls from the seated position, making it easier and faster to not only perform initial setups, but to respond to environmental changes as they arise.

The raised cab floor and the barrier-free walkway reduces potential trips and falls.

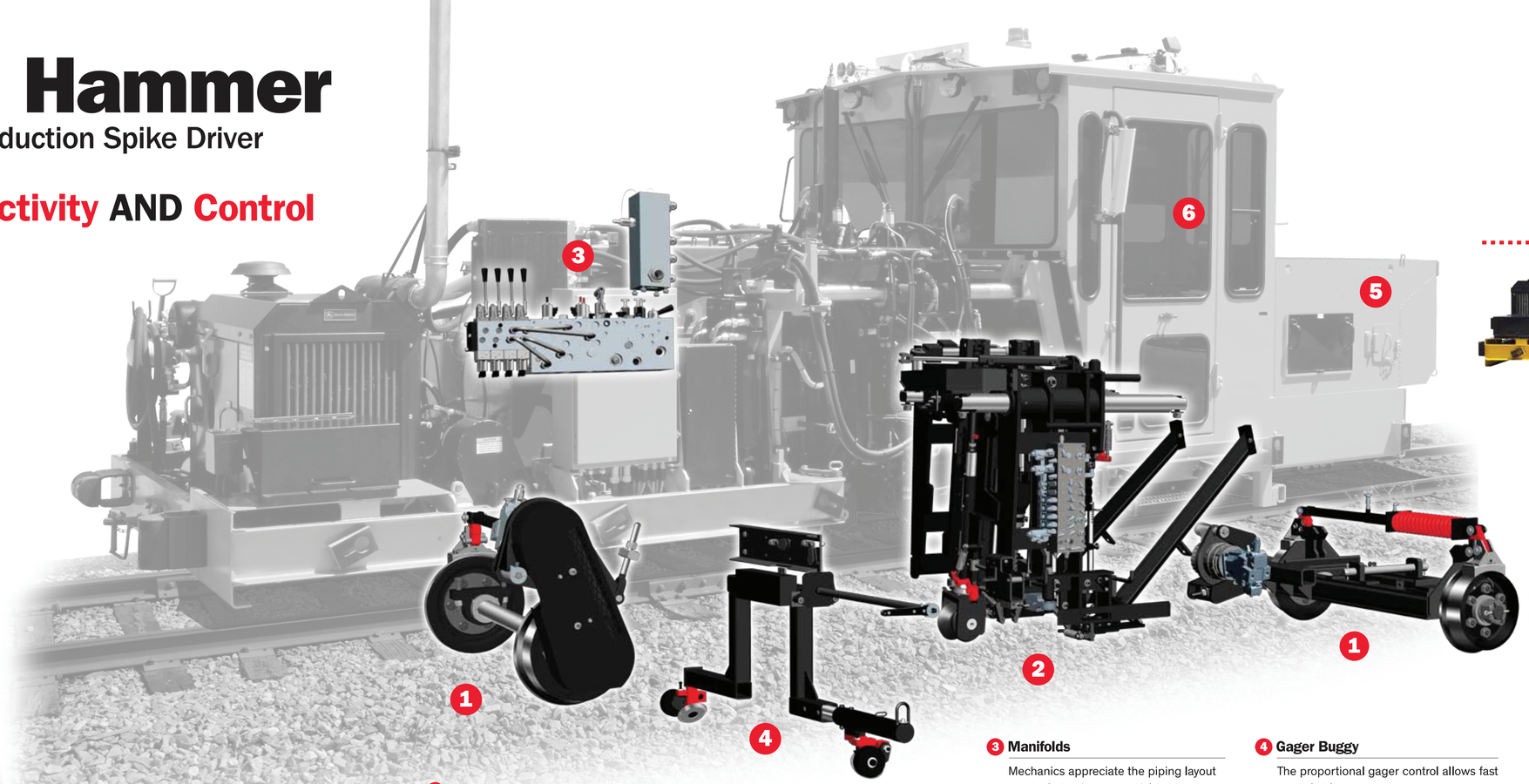
New transducers in the up/down cylinders replace proximity switches for easy adjustment of cylinder ready heights.

The air conditioning unit faces the operators, providing maximum cooling effect on torrid days.

SE Hammer

Production Spike Driver

Productivity AND Control



1 Hydrostatic drive system

The hydrostatic propel system, with up to two times more torque than the CX Hammer, offers faster tie-to-tie acceleration while providing more responsive control over movement. The system also features proportional propel pedals, as well as variable pump and motors, resulting in much smoother track travel. In addition, the traction control system includes anti-slip, as well as feathering capabilities.

2 Workheads

Larger hydraulic hammers have more impact energy than the hammers used on the CX Hammer, while the quick-change anvil ensures swift and simple anvil change-outs in the field. The hydraulic pattern cylinders provide gun spacing; optional pattern memory includes a previous pattern recall feature, allowing operators to quickly set up and store spacing patterns. New transducers in the up/down cylinders replace proximity switches for easy adjustment of cylinder ready heights from the operator seated position. Finally, the configurable spike loading options allow the operator to focus on spiking operations, reducing operator fatigue, while new nipper cylinders with regen allow for faster nipping of ties.

3 Manifolds

Mechanics appreciate the piping layout that includes fewer manifolds, shorter hoses, highly visible and simplified hose routings, and fewer fittings. User-friendly hydraulic and electrical system plaques clearly identify parts and their associated part numbers for easy replacement part ordering. The proportional mobile equipment valves, unlike industrial DO3 valves, are much smaller and have far fewer potential leak points.

4 Gager Buggy

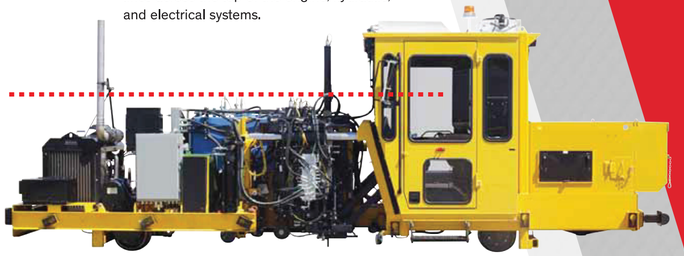
The proportional gager control allows fast and reliable gaging operations.

5 Bulk Bin with Cluster Buster

The new bulk bin design with an improved Cluster Buster improves the flow of spikes. 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.

6 Cab and sightlines

A completely redesigned frame and component layout result in superb visibility. Operators appreciate the larger front windows, the raised operator seats, and the clear sight lines across the top of the engine, hydraulic, and electrical systems.



Key Features

The SE Hammer - Production Spike Driver includes the following:

- **Dual-operator, enclosed climate-controlled cab; seating for:**
  - *Two spike gun operators and one feed tray operator (without auto spike feeder option)*
  - *Two spike gun operators (with auto spike feeder option)*
- **John Deere 4045T, 140HP, 140A alternator Tier III diesel engine**
- **Hydraulic-driven, high-impact spiking hammers with reciprocating driving action**
- **Variable hydrostatic pump and motors for smooth travel**
- **Proportional propel pedals**
- **Traction control system**
- **Four-wheel, dual-axle, chain-driven propulsion system**
- **Spring-applied, hydraulic-released brakes; Cobra brake shoes**
- **Proportional gager control with operator-visible gager light**
- **Hydraulic pattern cylinders for spike pattern adjustments**
- **Tie nippers**
- **Power lockups**
- **Quick-change anvil design**
- **Positive-locking turntable, with aluminum base**
- **90-gallon fuel tank**
- **110-gallon hydraulic tank**
- **24 VDC circuit-breaker-protected, electrical system**
- **Spike storage options:**
  - *Boom and winch for loading spike kegs on rear deck*
  - *Bulk bin, either with or without Cluster Buster option (bulk bin and Cluster Buster required with auto spike feeder option)*
- **Electrical joystick controls**