

NVCAR - Vossloh Clip Applicator Remover



Key Features

The NVCAR - Vossloh Clip Applicator Remover includes the following key features:

- Enclosed dual-operator, climate-controlled cab
- Two workheads, one over each rail; two guns per workhead, four guns total
- Install, remove, and de-stress modes
- 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, chain-driven propulsion system
- Cab-controlled workhead power lock-ups
- Single, pressure-compensated, hydraulic pump
- Integrated, positive locking, rail-to-rail turntable
- Joystick controls

Easily set workheads for different rail heights, base widths & hole locations.



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Adjust to different working conditions

- Simply move clips on the guide rods to set the socket descend level for different rail heights.
- Set the workheads to handle different base widths for accurate clip insertion placement.
- Position inner and outer workhead guns to align for different screw hole patterns.
- Switch easily between installation, retraction, and de-stressing functions with simple operator controls.
- Completely remove screws - to perform rail pad maintenance - using an optional hook workhead assembly.
- Quickly reverse direction on the track using the integrated turntable.

High production levels

Use the dual-workhead mode to efficiently operate both the inside and outside workhead guns simultaneously. In addition, four workhead guns allow you to rapidly install or de-stress all four clips at the same time.

Rail de-stressing functionality

Use the integrated de-stress mode to apply or relieve screw pressure on the clips, in timed intervals, when performing rail stressing activities.



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Optional Equipment

Category	Option Type	Description
Cab	Cab accessories	Cab pressurizer, cab window shades
Screw Hooks	Workhead assembly	Special-purpose workhead assembly for screw insertion/removal
Repair & Maintenance	Corner-mounted jackstands	Holds the unit above the track to allow under-machine repairs
	Top-off pump	Allows quick filling of hydraulic tank
	Filter indicators	Shows status of main and return filters
	Electric emergency pump	Allows workheads to be moved if engine fails
Other Accessories	Gauges and alarms	Fuel level site gauge, speedometer, hydraulic reservoir temperature gauge, low hydraulic oil level/high hydraulic oil temperature alarm, turntable warning light and buzzer
	Lighting and mirrors	Heated outside mirrors and perimeter lighting package
	Miscellaneous	"Danger Live Track" retractable belt, DOT reflective tape, extra parts/operations/maintenance manuals, tow bar with D-handle hitch pins, windshield washer fluid tank and nozzles
	Storage	Additional book storage box, track tool box

Product Specifications

Category	Specification	Value
General	Weight	17,000 lbs
	Length	19' 9"
	Width	8' 6"
	Height	10' 6"
	Wheel base	9'
	Travel speed	25 mph (maximum)
Capacities	Fuel tank	39 gallons
	Hydraulic tank	98 gallons
Engine	Make/Model	John Deere 4045T, Tier II; John Deere 4045TF Tier III or Cummins QSB4.5 Tier III engines available
	Type	Turbocharged, inline four-cylinder
Hydraulic System	Make/Model	Vickers PVM98 series
	Type	Vickers manifold
Electrical System	Battery	24 Vdc (dual 12V DC batteries), 1150 cold-cranking amps
Axle Drive System	Drive and propulsion type	Four-wheel, two solid axles, hydraulic chain drive
Brakes	Type/Style	Spring-applied/hydraulically released, four-wheel Cobra-style

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