

AA2R - Anchor Adjuster Two Rail



Key Features

The AA2R - Anchor Adjuster Two Rail includes the following key features:

- Enclosed single-operator, climate-controlled cab; optional extended cab (capacity = 8) available
- Combination spreader/squeezer assembly over each rail
- Adjustable workhead height for tie-to-tie indexing
- Cab-controlled workhead power lock-ups
- Integrated guide rollers and rail clamps for increased stability
- John Deere Tier III diesel engine; optional Cummins engine available
- Four-wheel, dual-axle, chain-driven propulsion system
- 24 VDC, circuit breaker-protected, electrical system
- Spring-applied, hydraulic-released brakes, with Cobra brake shoes
- Integrated, positive locking, rail-to-rail turntable
- Back-up alarm, switchable for travel direction

Switch between spreading and squeezing functions with simple tool swaps!



AA2R - Anchor Adjuster Two Rail - Front View

Two anchor operations - one machine

No need to buy both an anchor spreader and an anchor squeezer for your tie gang. Simply swap the workhead tools, in the field or shop, to switch between spreading and squeezing functions.

Use fewer personnel carriers

The optional extended cab allows up to seven extra crew members (total capacity = 8) to ride in the cab. Fewer personnel carriers mean less equipment to maintain and less space needed on sidings for overnight storage.

Work with or without ties in place

Simply change a workhead tool to switch between tie mode and no-tie mode.

Minimize manual intervention

Since the AA2R also loosens and pushes the tie plates during the adjusting function, your crew has to perform less manual labor to remove embedded plates from badly degraded ties.

Lower cost of ownership

Since you only need one anchor-related machine, you save on initial acquisition costs, maintenance costs, and even storage costs - lowering your overall total cost of ownership.

In addition, the AA2R uses many of the same components as other Nordco machines, so you can stock fewer maintenance parts on your parts wagon.



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Optional Equipment

Category	Option Type	Description
Cab	Extended cab	Provides total seating capacity for up to eight crew members.
	Cab accessories	Cab pressurizer, cab window shades (standard cab and extended cab)
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	Allows quick filter/fluid maintenance
	Schroeder KF 30 case drain return filtration	Filters oil to remove engine wear-related metal filings
	Electric emergency pump	Allows workhead to be moved if engine fails
Cold Weather	Machine heaters	110-volt engine and oil pan heater, hydraulic warm-up valves, winter operation Espar heater for engine and hydraulic tank
	Cab heater	Espar heater for cab
Other Accessories	Gauges and alarms	Fuel level site gauge, speedometer, hydraulic reservoir temperature gauge, low hydraulic oil/high hydraulic oil temperature alarm, turntable warning light and buzzer
	Lighting and mirrors	Heated outside mirrors and 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, windshield washer fluid tank and nozzles

Product Specifications

Category	Specification	Value
General	Weight	19,600 lbs
	Length	20' 6"
	Width	Highway travel: 8' 6"; Working: 9' 8"
	Height	Highway travel: 10' 6"; Working: 10' 8"
	Wheel base	84"
	Travel speed	25 mph (maximum)
Capacities	Fuel tank	60 gallons
	Hydraulic tank	98 gallons
Engine	Make/Model	John Deere 4045T
	Type	Turbocharged, inline four-cylinder
Hydraulic System	Make/Model	Vicker PVM098 (24 Volt)
	Type	Pressure-compensated variable displacement piston pump
Electrical System	Battery	24 Vdc (dual 12V DC batteries), 1150 cold-cranking amps
Axle Drive System	Drive type	Dual-axle chain drive
	Propulsion type	Hydraulic
Brakes	Type	Spring-applied/hydraulically released
	Style	Four-wheel Cobra-style

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