

BAAM - Bulk Automatic Anchor Machine



Key Features

The BAAM - Bulk Automatic Anchor Machine includes the following key features:

- Enclosed single-operator, climate-controlled cab; walkway with egress from both sides of machine
- Integrated push-style bulk loader
- Integrated, positive locking, rail-to-rail turntable
- Operator-controlled hydraulic workhead lockups
- John Deere Tier III diesel engine
- Four-wheel, dual-axle hydraulic motor, chain & sprocket propulsion system
- 24 VDC, circuit breaker-protected, electrical system
- PLC-controlled electrical control system,
- Spring-applied, hydraulic-released brakes, with Cobra brake shoes
- Back-up alarm, switchable for travel direction

Adjusts easily for different anchor types and rail sizes.



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Multiple anchor types - one machine

Simply swap the anchor holders to handle most common anchor types. If you use Fair® anchors on your rail, an optional assembly is available to handle this anchor style.

Direct anchor tray feed

The operator-controlled anchor feed system moves anchors directly and accurately from the trays into the anchor holders. The holders then flip down, box the tie, and position the anchors on the rail base in one smooth operation. Both anchors are then fully snapped onto the rail.

Load once - work all day

The integrated bulk anchor bin holds enough anchors to last for a full day's work. Easily load the bin with the optional boom and winch, lifting up to 300 lbs. of anchors at a time. In addition, the bulk bin includes a load vibrator to help keep anchors from jamming together, as well as an operator-controlled ram to push anchors up to the operator's work area.

Adjust for different work situations

Easily make adjustments to the workhead to handle different rail heights and rail base widths.



Use your smartphone to scan this code for more information.

Optional Equipment

Category	Option Type	Description
Cab	Cab accessories	Cab pressurizer, dedicated cab fan for operator, cab window shades
Anchor-Related	Anchor accessories	Boom and winch assembly for loading anchors, fair anchor tooling kit with hydraulics
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
	Crossing	Crossing switch kit
Cold Weather	Heaters	Espar heater with arctic fox tubes
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, cycle counters, work hour meter
	Lighting and mirrors	Heated outside mirrors and perimeter lighting package
	Storage	Additional book storage 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, all-season Hydrex XV oil, Stauff test point for engine oil sampling, Schroeder test mates

Product Specifications

Category	Specification	Value
General	Weight	23,000 lbs (empty anchor bin); 35,000 lbs (full anchor bin)
	Length	21' 8"
	Width	8' 6"
	Height	9' 3"
	Wheel base	13' 10"
	Travel speed	25 mph (maximum)
Capacities	Fuel tank	50 gallons
	Hydraulic tank	72 gallons
Engine	Make/Model	John Deere 4045T, Tier III
	Type	Turbocharged, inline five-cylinder
Hydraulic System	Make/Model	Sauer Danfoss
	Type	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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