

# CGS - Curve Gang Spiker



## Key Features

The CGS - Curve Gang Spiker includes the following key features:

- Semi-enclosed cab, with seating for one spiker operator and one feed-tray operator
- Reciprocating hammer spike drivers; Lewis bolt workheads available
- Remote, electric spike-pattern adjustments
- Digital, variable roller gager
- Tie nipper
- Boom and winch for loading spike kegs; optional bulk loader/Cluster Buster option available
- Positive locking turntable with steel base
- John Deere Tier IV diesel engine
- 24 VDC, circuit breaker-protected, electrical system
- Cobra brake shoes
- Four-wheel, dual-axle, chain and sprocket propulsion system
- Single, pressure-compensated, hydraulic pump
- Joystick controls

*Digital roller gager allows gauging and spiking with one machine.*



CGS - Curve Gang Spiker

## Ideal for rail changing operations

The digital, variable roller gager allows the CGS - Curve Gang Spiker to set rail gauge distances as well as perform spiking operations. The guide wheels stabilize the rail during gauging and spiking activities. The easy-to-operate, single-sided CGS features fast and powerful spike driving action using a CX Hammer-type workhead.

## Compact and lightweight

The CGS is compact and lightweight, making it simple to load and unload. In addition, the machine's open, modular design makes it easy to maintain.

## Quickly adjust to different working conditions

Make simple adjustments - from inside the cab - to adapt the gun spacing for different hole patterns. Or quickly set the proximity switches to adjust the workhead to handle different rail heights. In addition, easily switch between settings for welded or jointed rail.

## Bridges? No problem.

The optional bridge rail roller assembly allows the CGS - Curve Gang Spiker to spike tie plates on bridge rails.

## Quickly load spikes

Use the attached boom and winch to quickly load spike kegs onto the rear storage rack; the winch handles loads up to 300 lbs. Or, include the optional bulk loader to use bulk spikes.



Use your smartphone to scan this code for more information.

## Optional Equipment

Category	Option Type	Description
<b>Cab</b>	Cab accessories	Cab-controlled power locks (workheads, nipper and gager), cab pressurizer, cab window shades, engine-driven air conditioner, spike feeder swivel seat pedestal, engine-driven air conditioner (red dot)
<b>Spike Control</b>	Spike accessories	Push-style bulk loader, 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, Lewis bolt/ Evergrip driving heads (one side)
<b>Repair &amp; Maintenance</b>	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 engine wear-related metal filings
	Electric emergency pump	Allows workhead to be moved if engine fails
<b>Other Accessories</b>	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, 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
	Turntable	Aluminum replacement for standard steel turntable, turntable warning light and buzzer

## Product Specifications

Category	Specification	Value
<b>General</b>	Weight	11,500 lbs (empty spike bin); 12,300 lbs. (full spike bin)
	Length	16' 2"
	Width	8' 4"
	Height	8' 6"
	Wheel base	10' 4.75"
	Travel speed	25 mph (maximum)
<b>Capacities</b>	Fuel tank	35 gallons
	Hydraulic tank	40 gallons
<b>Engine</b>	Make/Model	John Deere 4024T, Tier IV
	Type	Turbocharged, inline four-cylinder
<b>Hydraulic System</b>	Make/Model	Vickers PVM057 (24 volt)
	Type	Pressure-compensated, variable displacement piston pump
<b>Electrical System</b>	Battery	24 Vdc (dual 12V DC batteries), 1150 cold-cranking amps
<b>Axle Drive System</b>	Drive type	Dual-axle chain drive
	Propulsion motor type	Hydraulic
<b>Brakes</b>	Type	Four-wheel Cobra-style, spring-actuated, hydraulic release

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