

Jackson 6700S - Production/Switch Tamper

Demonstration Model Rebuild



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Key Features

The Jackson 6700S - Production/Switch Tamper includes the following key features:

- Single-operator, climate-controlled, enclosed cab, with seating for three additional personnel, dedicated cab fan, and heated West Coast mirrors
- New Curveliner, version 7.0, computer system, with all related components
- Cummins QSC 8.3 liter, 250 HP @2200 RPM, four-cycle diesel engine
- Variable depth workheads, with automatic workhead option
- New hydraulic-driven heater, air conditioner, and ventilation fans
- All new or updated controls (per 6700S factory specifications), including wiring, junction boxes, engine control panels, switches and contacts
- Converted rail follower transducer and pendulum
- New rapid-deployment tongue system with new light buggy
- All new work/travel lights; optional high-intensity lights available
- Jack beam light kit
- New hydraulic and pneumatic hoses and valves; all necessary hydraulic cylinder repairs
- 12V, 20 amp. maintenance-of-way radio circuit
- Two laser battery charge stations
- Electric, high-capacity emergency pump
- Hydraulic drive propulsion system, with two-speed transmission on rear axle and index assist on front axle
- Four Track Jack storage boxes
- New paint and decals
- 6-month warranty, starting from shipment date

Rebuilt to latest factory specifications

Nordco has rebuilt the 6700S Production/Switch Tamper, a demonstration model with >950 engine hours and >150 work hours, to the latest 2012/2013 factory specifications, including the addition of the latest 7.0 version of the Curveliner software.

Ideal for moderate raises

The 6700S, a squeeze-type tamper, is ideal for switch/production tamping at moderate raises, with the ability to make raises up to four inches in any type ballast. Highly productive, the 6700S can handle rates of 22 ties per minute using single insertions and a one- to two-inch raise in clean, free-flowing ballast.

Superior switch performance

The 6700S produces superior performance in switch or turnout tamping through the use of a jack beam that automatically clamps and lifts either the base or ball of the rail. In addition, the truss framework - which eliminates the use of shoulder jacks - allows the 6700S to work in much tighter areas than other comparable tampers.

Robust workheads/tamping tools system

The 6700S includes four workhead carriages, each containing two hydraulic vibrator tamping units, which in turn each have two tamping tools attached to the underside of the vibrator mount. These hydraulic vibrators deliver a robust 4500 VPM in tamping power. While the workhead carriages are normally configured to work simultaneously, they can be operated independently, if the conditions require it.





Includes new rapid deployment tongue system with new light buggy.



Includes new BTI carbide surface tamping tools.

Ask us about...

Rebuild Programs

Are your maintenance-of-way machines getting older and less reliable? Nordco can rebuild virtually all maintenance-of-way equipment, regardless of original manufacturer, restoring your machines to like-new status.

Component Exchange Programs

Do you only need a replacement component, such as a workhead or axle, for your maintenance-of-way machine? You can order new or rebuilt components to be delivered directly to your shop or field operations.

Trade-In Programs

Interested in purchasing a new maintenance-of-way machine, but wondering what to do with your existing equipment? In many cases, you can trade in your current equipment for credit towards a new machine.

Rental Programs

Have a short-term need for a particular maintenance-of-way machine? Check our website for a current list of available rental equipment.

Parts Availability

Need parts for your maintenance-of-way machine? Contact our part experts at 217-268-4823, Monday through Friday, 7:30 a.m. to 4:30 p.m. US Central Time.

Want to ensure that you order the most essential parts to keep your maintenance-of-way machine operational? Check our website or ask your parts sales representative about the available critical component kits and basic spare part kits for your machine.

Not sure what parts to order for preventive maintenance or winterization? You'll find a large range of kits available - check our website or ask your parts sales representative.

Optional Equipment

Category	Option Type	Description
Cab	Cab accessories	Cab window shades
System Upgrades	Software	Line laser system upgrade Dual-reference system upgrade
Fluid Maintenance	Hydraulic	Hydraulic fill pump with stainless steel tube, Terrasolve hydraulic oil, Schroeder test mates, remote fluid drains (color coded), low hydraulic oil/high hydraulic oil temperature alarm, hose tree for storage of spare hoses
	Oil	Stauff test point for engine oil sampling
	Coolant	Remote coolant filter loop
	Fuel	Fuel level site gauge on tank
Other Accessories	Engine	Installation of Tier IV interim engine skid
	Lighting and mirrors	High-intensity LED work and travel lights, perimeter lighting package
	Storage	Track tool box, spare parts storage on deck
	Miscellaneous	"Danger Live Track" retractable belt, DOT reflective tape, extra parts/operations/maintenance manuals, tow bar with D-handle hitch pins, GPS speedometer, installation of customer-supplied decals

Product Specifications

Category	Specification	Value
General	Weight	77,000 lbs
	Length	43' 6" - without light buggy
	Width	10' 6" - in travel mode
	Height	11' 9"
	Wheel base	30'
	Travel speed and gradability	6.5% grade @ 5 miles (8 km) per hour 3% grade @ 10 miles (16 km) per hour 1% grade @ 35 miles (56 km) per hour
	Maximum speed	45 miles per hour
Performance	Rate	Up to 22 ties/minute per hour/single insertion
	Maximum Superelevation	6"
	Maximum Lining Offset	6"
Capacities	Fuel tank	170 gallons
	Hydraulic tank	170 gallons
Engine	Make/Model	Cummins QSC
	Type	8.3 liter, 250 HP @2200 RPM, four-cycle
Axle Drive System	Type	Outboard 6 x 11" Timken bearings, railroad axles
Brakes	Type	Hydro-dynamic, 4-wheel fail-safe air brakes

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