

# Jackson 6700 - Production/Switch Tamper

Rebuild Process



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## Key Features

The Jackson 6700 - 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
- Curveliner computer system upgraded to latest non-Jupiter version, with all related components
- Cummins QSCT3 8.3 liter, 250 HP @2200 RPM, four-cycle diesel engine
- Cab-controlled variable depth workheads, with automatic workhead option
- New heater, air conditioner, and ventilation fans
- All new or updated controls (per 6700 factory specifications), including wiring, junction boxes, engine control panels, limit switches and contacts
- Converted rail follower transducer and pendulum
- Rapid-deployment folding 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 split-case two-speed transmission on rear axle and index assist on front axle; optional soft-shift transmission available
- New paint and decals
- 12-month warranty, starting from shipment date

## Rebuilt to latest factory specifications

Nordco rebuilds the 6700 Production/Switch Tamper to the latest factory specifications. This rebuild process maximizes the service life and utilization of your tamper at the fraction of the cost of a new machine.

## Ideal for moderate raises

The 6700, 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 6700 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 6700 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 6700 to work in much tighter areas than other comparable tampers.

## Robust workheads/tamping tools system

The 6700 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.

## Optional Equipment

Category	Option Type	Description
<b>Cab</b>	Cab accessories	Cab window shades
<b>System Upgrades</b>	Software	Line laser system upgrade Dual-reference system upgrade
<b>Fluid Maintenance</b>	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
<b>Other Accessories</b>	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
<b>General</b>	Weight	70,000 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
<b>Performance</b>	Rate	Up to 22 ties/minute single insertion
	Maximum Superelevation	6"
	Maximum Lining Offset	6"
<b>Capacities</b>	Fuel tank	170 gallons
	Hydraulic tank	170 gallons
<b>Engine</b>	Make/Model	Cummins QSCT3
	Type	8.3 liter, 250 HP @2200 RPM, four-cycle
<b>Axle Drive System</b>	Type	Outboard 6 x 11" Timken bearings, railroad axles
<b>Brakes</b>	Type	Hydro-dynamic, 4-wheel fail-safe air brakes

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