

2004 Harsco Jackson 6700SJ2 Production & Switch Tamper – Broad Gauge



2004 Harsco / Jackson 6700SJ2 production and switch / turnout ballast tamper in 1600 mm convertible gauge configuration.

The machine provides production ballast tamping and switch / turnout tamping capability, with 16 tamping tools, automatic rail clamping, an automatic tamping cycle and independent / pivoting workheads suitable for turnout work. It is suitable for timber and concrete sleepers and includes track lifting, track lining and curve lining systems. Maximum track lift / superelevation correction and maximum lining offset are each approximately 150–152 mm.

Features include the Jupiter II machine control system, onboard machine diagnostics and a Protran Callisto Pro Tamp Track Geometry Measurement System. The machine has hydraulic propulsion and an approximate maximum speed of 55–56 km/h. Approximate dimensions are 13,264 mm long, 3,150 mm wide and 3,537 mm high, with an approximate 9.14 metre wheelbase and 711 mm wheel diameter.

Certified on MTM V/LINE and ARTC. Equipment inspection is available by arrangement.

SPECIFICATIONS	
Specification	Details
General & Dimensions	
Builder / Manufacturer	Harsco / Jackson

SPECIFICATIONS

General & Dimensions

Model	6700SJ2
Year Manufactured	2004
Original Build Period	2004
Rebuild Period	2017
Machine Type	Production and switch / turnout ballast tamper
Condition	Used (Inspection Recommended)
Quantity Available	1
Track Gauge	1600 mm – Broad Gauge, Gauge Convertible
Equipment Hours	3744
Operating / Service Weight	31,750 kg
Length	13264 mm
Width	3150 mm
Height	3537 mm

Powerplant & Performance

Engine	Cummins C260.33; fitted new in 2017
Maximum Speed	Approximately 55–56 km/h

Running Gear

Overall Wheelbase	Approximately 9.14 metres
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Electrical & Mechanical Systems

Transmission	Hydraulic propulsion
Wheel Diameter	Approximately 711 mm

Tamping & Track Systems

Tamping Count	16 tamping tools
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SPECIFICATIONS

Tamping & Track Systems

Lifting System	Track lifting; maximum track lift / superelevation correction approximately 150–152 mm
Lining System	Track lining and curve lining; maximum lining offset approximately 150–152 mm
Measuring System	Protran Callisto Pro Tamp Track Geometry Measurement System (PT-0901)

Additional Details

Features	Production ballast tamping Switch and turnout tamping capability Automatic rail clamping Automatic tamping cycle Suitable for timber and concrete sleepers Jupiter II machine control system Onboard machine diagnostics Independent / pivoting workheads suitable for turnout work
Compliance / Certification	Certified on MTM V/LINE and ARTC

Location

Inspection Available	Equipment inspection is available by arrangement
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ADDITIONAL IMAGES

