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Plasser & Theurer 09-32 CAT Tamper – 1435 mm Gauge



Plasser & Theurer 09-32 CAT tamper manufactured in 1986 for 1435 mm standard gauge track. The machine has five axles, 60,000 kg tare weight, 65,000 kg GVM weight, 90 km/h track speed and 29,533 engine hours.

The machine is equipped with a front tower cab containing track geometry equipment, controls and an automatic machine lead computer type ALC. Its 3-point servo-controlled track lifting and lining system uses centre and side chords and transducers. The self-propelled tamping satellite has two tamping banks, each with 16 tamping tynes, for a total of 32 tynes. The tamping banks can be shifted transversally across the sleeper width for curve adjustment.

The lifting and lining unit uses hydraulically operated roller clamps that remain hooked to the rail heads during tamping except where obstacles are present. The machine also has front and rear cabs with air conditioning and heating, a PLC system for machine operation and control, hydrostatic work drive and a ZF 4 WG 65 II hydro-mechanical power-shift transmission for travel.

SPECIFICATIONS

Specification	Details
General & Dimensions	
Builder / Manufacturer	Plasser & Theurer
Model	09-32 CAT

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SPECIFICATIONS

General & Dimensions	
Year Manufactured	1986
Machine Type	Tamper
Condition	Used (Inspection Recommended)
Quantity Available	1
Track Gauge	1435 mm – Standard Gauge
Engine Hours	29533
Tare Weight	60000kg
Gross Weight	65000kg
Axle Load	19000kg
Number of Axles	5
Length	20533mm
Width	3000mm
Height	3800mm
Powerplant & Performance	
Maximum Speed	90km/hr
Tamping & Track Systems	
Tamping Units	2 tamping banks
Tamping Count	32 tamping tynes total; 16 tynes per bank
Lifting System	3-point servo-controlled track lifting system with hydraulically operated roller clamps
Lining System	3-point servo-controlled track lining system based and operated by centre and side chords and transducers
Measuring System	Track geometry equipment and controls; automatic machine lead computer type ALC

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SPECIFICATIONS

Additional Details	
Features	Front tower cab with track geometry equipment and controls; air conditioning and heating in the front and rear cabs; self-propelled tamping satellite driven by motorised wheelset; two laterally shiftable tamping banks; hydraulically operated roller clamps; machine PLC system; hydrostatic work drive; hydro-mechanical power-shift travel transmission; compressor for compressed air and pneumatic machine functions.
Additional Information	Manufacturer: Plasser Australia. GVM weight: 65,000 kg. Alternative source length figure: 20,530 mm. The diesel engine drives a splinter gearbox supplying hydraulic pumps for the hydrostatic work drive, tamping banks, hydraulic auxiliaries and compressor. The engine also drives a ZF 4 WG 65 II hydro-mechanical power-shift transmission for travel. The automatic machine lead computer can record existing and post-work track conditions and develop track geometry models.
Location	
Inspection Available	Equipment inspection is available by arrangement

ADDITIONAL IMAGES






