



CSM 09 – 3X (PL)
TRACK TAMPING MACHINE

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Equipment

- Proportional parallel levelling system
- Single axis: 3-point alignment system with laser control
- Combined height-directional laser (KHR)
- Automated control computer ALC with additional USB port, WIN version, disk and CD drives
- Data processing possible for all EM-SAT data
- Digital 8-channel recorder, incl. record function, DAR graph and DAR control (software for operating and displaying the MKS and its data)
- Mephisto fixed point laser measuring instrument
- Front compactors for compacting the ballast bed
- Sound-insulated operator cab
- 2 x three-sleeper tamping units, tamping performance of up to 2,200 m/h
- Laser wagon for accommodating the laser transmitter, self-propelled and with integrated surveying wheel
- Highly wear-resistant tamping tines
- Polish safety equipment for self-propelled travel on PKP

GENERAL INFORMATION:

Manufacturer: Plasser & Theurer

Year of construction: 2001

VDM no.: 99 80 9121 004-2

Technical data:

Engine	Caterpillar E3412 E/DITA 12 cylinder water-cooled at 2100 rpm
Power	704 kW
Max. self-propelled speed	100 km/h
Max. speed in haul drive	100 km/h
Self-propelled direction	both ways
Number of axles	7
Deadman's control system	yes
IATC	yes
Train radio communication analog/digital	yes
Working speed	up to 2,200 m/h
Operating principle	three sleeper or one sleeper
Min. radius when working	200 m
Min. radius when travelling	150 m
Vehicle	
Licensed	in acc. with EBA/DB AG Guidelines Section 32
Rail gauge	1,435 mm
Dead weight	100.0 t
Height	3,900 mm
Width	3,000 mm
Length over buffers	29,900 mm

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