

UNIVERSAL TAMPING MACHINE



UNIMAT 09-16/4S

GENERAL INFORMATION

Manufacturer: Plasser & Theurer
Year of construction: 2009
Serial number: 3364

Technical data

Motor	CATERPILAR C27 ACERT
Output:	597 kW
Max. automotive speed:	100 km/h
Max. speed in trainset:	100 km/h
Min. radius at work:	180m
Min. radius during drive:	150m
Track gauge:	1435mm
Machine weight:	133,1 t
Height:	4,15m
Width:	2,9m
Length over buffers:	33,5m

Electronic Equipment

- Automatic guide computer WIN-ALC
- Proportional parallel levelling system
- 3-point alignment system
- Combined height alignment laser in comb. with arc laser system, recording of actual track position
- Digital data transfer to the control unit (ALC) - (EM-SAT, APK)
- Data recording processor DRP

Machine Equipment

Double track tamping aggregat. with swivable picks
Sleeper head compactors
SIFA system

Universal tamping machine for continuous tamping, alignment and levelling of line track including switches on concrete sleepers.



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