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THE SMART SOLUTION

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Maintenance wagon for measuring trolley



- Service wagon for EM100 measuring trolley providing comprehensive facilities for diagnostic staff - bedroom, sanitary facilities, kitchen and meeting room
- It is possible to monitor and present ongoing measurements on the wagon
- The combination of the EM100 measuring trolley with the MD2-1 maintenance wagon provides the ability to perform continuous rail measurements over the period of several days

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Maintenance wagon MD2-1

Technical specification

▶ Gauge	1 435 mm
▶ Maximum operating speed	160 km/h
▶ Outline for rail vehicle	acc. to UIC 505-1 standard
▶ Curve clearance	150 m
▶ Weight	41 700 kg
▶ Vehicle length over buffers	26 400 mm
▶ Maximum width	2 825 mm
▶ Maximum height	4 050 mm
▶ Length over buffer beams	25 100 mm
▶ Rail vehicle wheelbase	21 500 mm
▶ Bogie wheelbase	2 500 mm
▶ Distance between centres of rotation of bogies	19 000 mm
▶ Length of overhanging end of rail vehicle	3 700 mm
▶ Nominal wheel diameter	950 mm

Inner wagon layout

Entry area • Workshop • Meeting room • Kitchenette - Dining Room • Bathroom • Office, study
• Bedroom number 3 • Bedroom number 2 • Bedroom number 1 • Dressing room • Toilet

