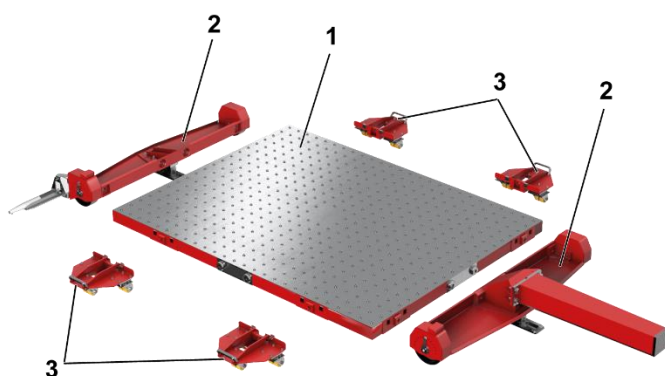


Test sled for non-destructive deceleration testing with interchangeable sled platforms.

- Modular concept optimized for all test scenarios
- Fast test setup
- Safe battery testing with floodable tank
- Sled platform rotatable in 90°-steps – easy change of the test body orientation
- Mounting surfaces for measurement equipment at the rear
- Compatible with HydroBrake and bending bar or PU-tube brake



1. Sled platform
2. Undercarriage (rear and front unit)
3. Transport wheels for easy positioning (4 units)

Figure 1: Components M=SLED Modular

TECHNICAL SPECIFICATIONS

Max. force applied from brake system	3.2 MN
Max. payload	
standard sled platform	2,000 kg @ 90 G
battery sled platform	1,500 kg @ 90 G
short sled platform	1,000 kg @ 150 G
Overall dimensions without impact wedge / thorn (L x W)	
standard sled platform	3,865 mm x 2,042 mm
battery sled platform	3,465 mm x 2,042 mm
short sled platform	2,365 mm x 2,042 mm
Dimensions battery tank (L x W x H)	2,597 mm x 1,997 mm x 800 mm
Mounting surface dimensions (L x W)	
standard sled platform	3,000 mm x 2,000 mm
battery sled platform	2,500 mm x 1,900 mm
short sled platform	1,500 mm x 2,000 mm
Mounting grid	100 mm x 100 mm (M12)

Working height of mounting surface	300...400 mm (depending on the type of brake system)
Dimensions of mounting surface for measurement equipment (2 units)	350 mm x 100 mm (each) Mounting grid 50 mm x 100 mm (M12)
Ground clearance (height adjustable)	85...91 mm
Track width	1,890 mm
Weight without impact wedge / thorn	
standard sled platform	1,100 kg
battery sled platform	1,170 kg
short sled platform	790 kg

Scope of supply

- M=SLED Modular

Required equipment

- MicroTrack rail system
- Sled guide pieces and release hook
- Brake system like MESSRING HydroBrake, bending bar brake or PU-tube brake

Options

- Customizable sled platforms
- MESSRING trailing cable system
- Sled test fixtures e.g., according to FMVSS213, ECE R16, R129, R44, ADAC frontal or side impact