

Sled platform designed for sand pit and curb tests as well as rollover tests in accordance with FMVSS 208 and SAE J2114.

- One sled enabling various rollover tests
- Only one brake system using a varying number of crush tubes
- Restraint system for test vehicles – safely restrains the vehicle onboard the test sled during an emergency stop
- Fits all common wheelbases



TECHNICAL SPECIFICATIONS

Universal Rollover Sled	
Max. payload	3,500 kg
Weight	2,870 kg
Dimensions (L x W x H) (Sand pit and curb test: lowered, 0°)	6,160 mm x 4,020 mm x 695 mm
Dimensions (L x W x H) (FMVSS 208: erected, 23°)	6,160 mm x 4,157 mm x 1,492 mm
Ground clearance	30 mm
Track width of sled	1,880 mm (inner) 4,740 mm (outer)
Max. speed	60 km/h (sand pit and floor anchor mounted curb tests) 48.3 km/h (FMVSS 208 and SAE J2114) 15 km/h (sled mounted curb tests)
Wheel base of test vehicle	1,845...4,455 mm
Max. track width of test vehicle	2,100 mm
Sled Mounted Curb Simulator (2 units)	
Weight per unit	44 kg
Dimensions (L x W x H)	560 mm x 45 mm x 270 mm
Height adjustment	101...140 mm
Crush Tube Brake System (2 units)	
Max. brake force per unit	500 kN
Weight per unit	272 kg
Max. number of crush tubes per unit	10
Dimensions (L x W x H)	1,300 mm x 456 mm x 350 mm

- Scope of supply**
- Universal Rollover Sled
 - Crush tube brake system (including one set of crush tubes)
 - Sled mounted curb simulator
 - Vehicle restraint system

- Optional equipment**
- Floor anchors for installation of brake system
 - Floor anchor mounted curb simulator
 - Release hook
 - Maintenance service