

Moving barrier for side impact tests according to IIHS test protocol.

- Integrated brake system for emergency braking and second impact avoidance
- Camera stand always included
- Individually calibrated center of gravity and moment of inertia
- Excellent directional stability



TECHNICAL SPECIFICATIONS

Moving Barrier	
Weight (with deformation element and camera stand)	1,500 ± 5 kg
Dimensions (L x W x H) (without deformation element and camera stand)	3,632 mm x 2,095 mm x 1,164 mm
Height (with camera stand)	1,654 mm
Dimensions front plate (W x H)	1,676 x 942 mm
Front plate clearance height	222 mm
Center of gravity	X-axis: 990 ± 25 mm behind front axle Y-axis: 0 ± 25 mm left of centerline Z-axis: 566 ± 25 mm above ground level
Moment of inertia	Around X / roll: 542 ± 27 kgm ² Around Y / pitch: 2,471 ± 124 kgm ² Around Z / yaw: 2,757 ± 138 kgm ²
Max. test speed	50 km/h
Brake System	
Brake system type	Hydro pneumatic disc brake on each wheel
Air operating pressure	6...7 bar
Switching voltage	24 VDC

- Scope of supply**
- Moving barrier IIHS
 - Hydro pneumatic brake system
 - Camera stand
 - Cable support tube for trailing cable

- Options**
- Trailing cable system
 - Hydraulic vehicle brake (radio-controlled)
 - Deformation elements