

# Crash-Cart

Artikel Nr. SW/IIH-010-01-001

according IIHS-Side Impact

The crash - cart is used to carry out tests according to IIHS Side Impact.

Thereby, the crash - cart impacts onto the vehicle with a speed of 50 km/h collateral under 90°.



	IIHS-Side Impact
length overall	3632 mm
width overall / angle	2085 mm
height overall	1204 mm
wheel Base / angle	2591 mm
tire tread width / angle	1880 mm
test wight	1500 ± 5 kg

Adjustable high of the base frame. Aluminum front shield with spindle height adjustment facility, including T-slots to secure the deformation element (price does not include deformation element). Welded frame construction made of special profile steel tubing (painted surface finish). Threaded holes on the top and underside of frame to secure calibration weights. Pneumatic emergency braking system acting on all wheels. Activation by button (manually, electrically), activation by environment- emergency-stop or activation by trigger-event (impact, gravity-contact). Retainer for drag gear as specified by the customer. Optional: Camera frame, deformation element.

Calibrated center of gravity	Calibrated moment of inertia
Sx: 990 ± 25 mm hinter der Vorderachse	Jx = 542 ± 5% kgm <sup>2</sup>
Sy: 0 ± 25 mm in der Längsachse	Jy = 2471 ± 5% kgm <sup>2</sup>
Sz: 566 ± 25 mm über dem Boden	Jz = 2757 ± 5% kgm <sup>2</sup>

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