



I N P H Y S I C S W E T R U S T

4activeFB-small



The most flexible and incomparably thin platform worldwide

- ✓ certified to Euro NCAP, UNECE and ISO standards
- ✓ height and ground clearance for VRU targets (EPT, EBT, EMT)
- ✓ advanced electronic braking system (eABS)

Fully synchronized operation with all relevant driving robots

- ✓ real time position data from/to robot - import/export drive files
- ✓ compensates path errors of the VUT with or without driving robot
- ✓ full synchro mode - synchronization of 5 independent platforms

Allows testing under rough conditions

- ✓ overrunable by heavy vehicles - trucks (40 tons)
- ✓ easy and efficient testing under worst conditions - IP67 waterproof
- ✓ precise performance at high speeds (up to 80 km/h)



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Performance

speed levels	20/60/80 km/h
acceleration longitudinal	+ 3 m/s ² / - 5 m/s ² ★
acceleration lateral	± 3 m/s ²
turning radius	0.5 m
ground clearance	0-7 mm
maximum payload	80 kg
battery charging time	~ 1,5h ★★
battery operating time	EPT > 6h / EBT > 3h / PTW >1 h(@50 km/h) ★★★
positioning system	dual antenna dGPS/INS (GPS/GLO/BDS/GAL)
protection class	IP67
operation temperature range	-10° to 40° C (-20° to 55° C) ★★★★★

★ depends on speed ★★ at 20°C ★★★ depending on acceleration ★★★★★ additional test equipment available

Dimensions

length	2200 mm
width	900 mm
weight	55 kg
transport dimensions	1490 x 950 x 90 mm

Key features

- ✓ unrivaled thinness
- ✓ most flexible platform on the market
- ✓ fast and easy battery exchange

