



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

4activeSB



The propulsion system for Euro NCAP VRU

- ✓ certified to Euro NCAP, UNECE and ISO standards
- ✓ platform speed up to 20 km/h - correction of velocity via GPS
- ✓ complies with ISO 19237, ISO 22078, Euro NCAP, JNCAP, CNCAP, ...

Full synchro mode with all relevant driving robots and dGNSS-systems

- ✓ 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 - compatible with all common dGNSS-systems

Easy transport and quick set up

- ✓ fast installation in about 30 min
- ✓ battery powered system - operating time up to 8 h
- ✓ rigorous testing cycles for reliability



Performance

vehicle speed	100 km/h
platform speed	20 km/h
acceleration	3.5 m/s ²
system length crossing	40 m
system length longitudinal	60 m
power supply	110-230 VAC / 50-60Hz
protection class	IP 54

Dimensions

weight driving unit	85 kg
weight deflection unit	60 kg
weight platform	12 kg
height platform	25 mm

Euro NCAP scenarios

CPFA / CBFA	✓	CPDA	✓
CPNA / CPNCO / CBNA	✓	CPTA / CPRA / CBTA	✓
CPLA / CBLA	✓		

Key features

- ✓ easy and fast assembly/disassembly
- ✓ easy operation via WLAN (laptop, control panel)
- ✓ automatic triggering of dummy articulations

