



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

4activeXB

The propulsion system for Euro NCAP VRU

- ✓ to perform all AEB/AES-VRU test scenarios
- ✓ platform speed up to 50 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
- ✓ corrects LAT/LONG waypoint errors of driving robots (VUT)
- ✓ full synchro mode for a very accurate collision point



Easy transport and quick set up

- ✓ fast installation in about 30 min
- ✓ low power needed - supercapacitors
- ✓ fully compatible with all driving robots/dGNSS-systems

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Performance

| | |
|----------------------------|-----------------------|
| vehicle speed | 100 km/h |
| platform speed | 50 km/h |
| acceleration | 3.5 m/s ² |
| system length crossing | 65 m |
| system length longitudinal | 50 m |
| power supply | 110-230 VAC / 50-60Hz |

Dimensions

| | |
|------------------------|--------|
| weight driving unit | 208 kg |
| weight deflection unit | 135 kg |
| weight platform | 12 kg |
| height platform | 25 mm |

Euro NCAP scenarios

| | |
|--------------------|---|
| CPFA | ✓ |
| CPNA / CPNC / CBNA | ✓ |
| CPLA / CBLA | ✓ |
| CPTA / CPRA | ✓ |

Key features

- ✓ fully compatible with all relevant robots/dGNSS-systems
- ✓ easy and fast assembly/disassembly
- ✓ easy operation via WLAN (laptop, control panel)
- ✓ automatic triggering of dummy articulations

