

Active safety test robot that moves arms and legs realistically, designed for the validation of autonomous vehicle sensors and software to increase the safety of Vulnerable Road Users (VRU).

- Realistic and reproducible arm and leg movement through pneumatic muscles
- Feet touching the ground
- Articulated head, hips, lower legs, shoulders, lower arms
- Realistic sensor response for radar, camera, lidar, ultrasound and IR
- Durable design for low-speed impacts
- Soft structure
- Fast setup, easy to use
- Compatible with all common motion platforms



Segment	Dimensions [mm]	Tolerance
Body height (incl. shoes)	1.800	± 20
Hip point height	923	± 20
Shoulder width	500	± 20
Shoulder height	1.500	± 20
Head width	170	± 10
Head height	260	± 10
Torso depth	235	± 10

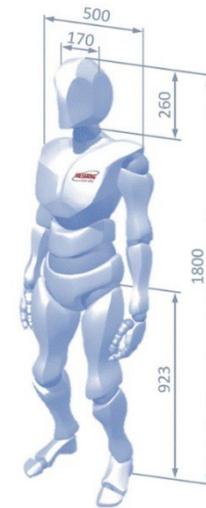


Figure 1: Dimensions compliant with ACEA specifications

TECHNICAL SPECIFICATIONS

Weight	14.4 kg
Air operating pressure	8...10 bar
Step frequency	Default templates for walking, jogging, and running, fully programmable customized motion pattern
Default colors	Blue jeans and black shirt Various customized colors available on demand
Compatibility	ABD Launchpad Mini Humanetics UFO nano MESSRING 6D Mover