

TECHNICAL DATA SHEET

EDGE 6D SYSTEM

1 January 2023

Architecture	6DOF Stewart
Control frequency	200 Hz
Control interface	UDP 100 Mbit bi-directional
Dimensions (motion base)	0.78 x 0.94 x 0.34 m (incl. floor stands)
Unit weight (motion base)	100 kg (65 + 35 kg) ¹
Max. payload (incl. user)	250 kg
Linear performance (ISO)	Tx: -/+ 0.13 m, -/+ 0.5 m/s, 6 m/s ² (0.6 G)
	Ty: -/+ 0.11 m, -/+ 0.5 m/s, 6 m/s ² (0.6 G)
	Tz: -/+ 0.08 m, -/+ 0.3 m/s, 5 m/s ² (0.5 G)
Radial performance (ISO)	Rx: -/+ 15 deg, -/+ 35 deg/s, 600 deg/s ²
	Ry: -17 / +14 deg, -/+ 35 deg/s, 600 deg/s ²
	Rz: -/+ 15 deg, -/+ 40 deg/s, 600 deg/s ²
Power requirements	230 V - 3.5 A / 115 V - 7 A (800 W)
Power consumption (average)	200 W
Noise	< 65 dB(A)

¹ Motion base can be split, e.g. to carry up/down stairs.