

PROFESSIONAL SERIES

PS-6TL-3000

6DOF
ARCHITECTURE









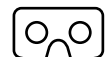

3000kg
GROSS MOVING LOAD

MOTION PLATFORM PS-6TL-3000

The PS-6TL-3000 device is a type of Stewart platform with gross moving load up to 3000 kg. It is a type of six-degree-of-freedom parallel manipulator that allows execution three translational movements and three rotational movements about the vertical, longitudinal and lateral axis.

The 6DoF motion platform is mainly intended for professional applications in train simulators, defense sector, flight and driving simulation or entertainment industry. The PS-6TL-3000 is perfect for applications with heavy cockpits.

KEY FEATURES

 <p>Resistant to overload Good resistance to momentary overload resulting from dynamic change in mass distribution</p>	 <p>Super Silent Extremely quiet and smooth operation</p>	 <p>Movement repeatability High ability to generate vibrations and incredible movement repeatability</p>	 <p>Software support Control all our motion platforms using one of our SDK</p>
 <p>Easy to transport Perfect size for worldwide transportation</p>	 <p>Unleashed performance Highest performance in compact and mobile chassis</p>	 <p>VR technology All our motion platforms work in VR environment</p>	 <p>Safety Safe mechanical design resistant to permanent damage</p>

GENERAL SPECIFICATION

	EXCURSIONS	VELOCITY	ACCELERATION
SURGE	- 0.48 m, 0.60 m	0.8 m/s	6.3 m/s ²
SWAY	- 0.50 m, 0.50 m	0.8 m/s	6.3 m/s ²
HEAVE	- 0.41 m, 0.41 m	0.6 m/s	9 m/s ²
ROLL	-23.8°, 23.8°	35°/s	200°/s ²
PITCH	-23.7°, 26.0°	35°/s	200°/s ²
YAW	-25.4°, 25.4°	40°/s	400°/s ²

POWER REQUIREMENTS

POWER SUPPLY REQUIREMENTS 400 VAC Three Phases

PAYLOAD SPECIFICATION

GROSS MOVING LOAD 3000 kg | 6613 lb

ADD-ONS & ACCESSORIES

Electromagnetic safety brakes, Power Cabinet PS-SB400

OUR SOFTWARE

Platform Manager - ForceSeatPM (free-of-charge), Motion SDK - ForceSeatDI, Motions SDK - ForceSeatMI, Motion Theater
