

PROFESSIONAL SERIES

# PS-6TL-1500

**6<sup>DOF</sup>**

ARCHITECTURE

**1500kg**

PAYLOAD

**128cm**

MIN HEIGHT



**950kg**

WEIGHT

**13kW**









MAX POWER CONSUMPTION



## MOTION PLATFORM PS-6TL-1500

The PS-6TL-1500 product based on a Stewart platform, which provides highest level of motion sensation and matches unique requirements of customers. The 6 DoF motion platform is mainly intended for professional applications in defense sector, flight and driving simulation and entertainment industry.

## KEY FEATURES

 <p><b>Incredible precision</b> High rigidity designed platform</p>	 <p><b>Extensive range of motion</b> Huge working envelope. Higher angle of YAW and greater ranges of SURGE and SWAY</p>	 <p><b>Modular and Reconfigurable</b> Possibility of on site assembly, modular spare parts and various actuators stroke are available</p>	 <p><b>Software support</b> Control all our motion platforms using one of ours SDK</p>
 <p><b>Effective acceleration</b> Impressive PITCH and ROLL accelerations</p>	 <p><b>Durability</b> Extremely quiet and smooth operation</p>	 <p><b>VR technology</b> Cost-effective operation, high reliability and safety</p>	 <p><b>Warranty</b> Global support and up to 10 years extended warranty</p>

## GENERAL SPECIFICATION

	EXCURSIONS SINGLE DOF	VELOCITY	ACCELERATION
SURGE	- 0.63 m, 0.53 m - 24.8 in, 20.9 in	0.7 m/s 27.6 in/s	6.4 m/s <sup>2</sup> 0.65 g
SWAY	- 0.53 m, 0.53 m - 20.9 in, 20.9 in	0.7 m/s 27.6 in/s	6.6 m/s <sup>2</sup> 0.67 g
HEAVE	- 0.41 m, 0.37 m - 16.1 in, 14.6 in	0.46 m/s 18.1 in/s	5.5 m/s <sup>2</sup> 0.56 g
ROLL	-26.0°, 26.0°	35°/s	250°/s <sup>2</sup>
PITCH	-24.0°, 24.0°	37°/s	250°/s <sup>2</sup>
YAW	-34.5°, 34.5°	38°/s	360°/s <sup>2</sup>
PAYLOAD	1500 kg   3307 lb		
PRODUCT WEIGHT	950 kg   2095 lb		
TOTAL LENGTH	2281 mm   89.8 in		
TOTAL WIDTH	2615 mm   103 in		
MIN HEIGHT	1245 mm   49 in		
POWER SUPPLY REQUIREMENTS	400 VAC Three Phases		
MAX POWER CONSUMPTION	13 kW		

## ADD-ONS & ACCESSORIES

Electromagnetic safety brakes, Extended Top Frame, Spare parts

## OUR SOFTWARE

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

## GENERAL DIMENSIONS

