



PROFESSIONAL SERIES

PS-6TL-1500

6_{DOF}

ARCHITECTURE

 1500_{kg}

GROSS MOVING LOAD

400_{mm}

ACTUATOR STROKE



1600kg

WEIGHT

124cm

MIN HEIGHT

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



Incredible precision

High rigidity designed platform



Extensive range of motion

Huge working envelope. Higher angle of YAW and greater ranges of SURGE and SWAY



Modular and Reconfigurable

Possibility of on site assembly, modular spare parts and various actuators stroke are available



Software support

Control all our motion platforms using one of ours SDK



Effective acceleration
Impressive PITCH and ROLL



Durability
Extremely quiet and smooth operation



VR technology

All our motion platforms work in VR environment



Warranty

Global support and up to 10 years extended warranty



GENERAL SPECIFICATION

	EXCURSIONS SINGLE DOF	EXCURSIONS NON-SINGLE DOF	VELOCITY	ACCELERATION
SURGE	- 0.36 m, 0.35 m	- 0.38 m, 0.38 m	0.7 m/s	7 m/s²
SWAY	- 0.32 m, 0.32 m	- 0.38 m, 0.38 m	0.7 m/s	7 m/s ²
HEAVE	- 0.24 m, 0.27 m	- 0.24 m, 0.27 m	0.4 m/s	5 m/s²
ROLL	-21.3°, 21.3°	-22.5°, 22.5°	35°/s	250°/s²
PITCH	-20.4°, 20.4°	-25.5°, 25.5°	35°/s	250°/s²
YAW	-24.9°, 24.9°	-26.5°, 26.5°	35°/s	250°/s²
TOTAL LENGTH	2735 mm 107.67 in			
TOTAL WIDTH	2933mm 115.47 in			
MIN HEIGHT	1236 mm			
PRODUCT WEIGHT	1600 kg			
POWER SUPPLY REQUIREMENTS	3-phase 400 VAC +/- 10%, 50/60 Hz			

PAYLOAD SPECIFICATION

PAYLOAD	1350 kg 2976 lb
GROSS MOVING LOAD	1500 kg 3307 lb
COG HEIGHT ABOVE MPC*	500 mm 19.69 in
MOMENTS OF INERTIA IXX Iyy IZZ	2000 kg*m² 2000 kg*m² 2000 kg*m²

^{*} COG: CENTER OF GRAVITY – MPC: MOVING PLATFORM CENTROID

ADD-ONS & ACCESSORIES

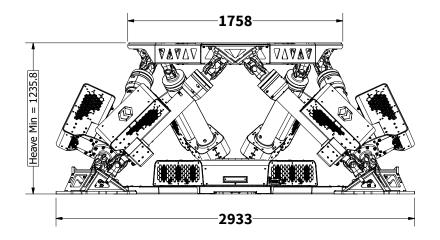
Electromagnetic safety brakes, Power Cabinet PS-SB400

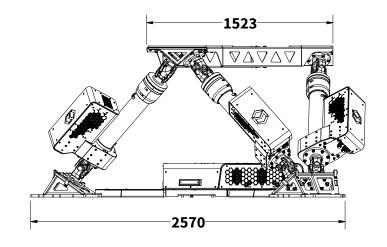
OUR SOFTWARE

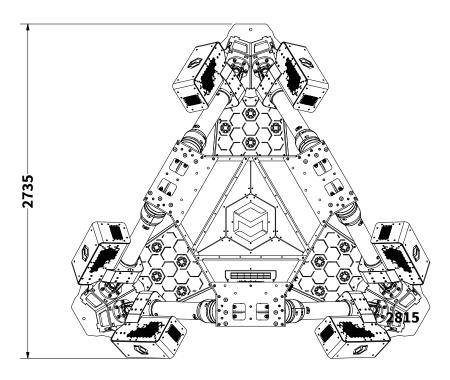
 $Platform\ Manager\ -\ Force Seat PM\ (free-of-charge), Motion\ SDK\ -\ Force Seat DI, Motions\ SDK\ -\ Force Seat MI, Motion\ Theater$



GENERAL DIMENSIONS







www.motionsystems.eu