

PROFESSIONAL SERIES

PS-6TM-1500

6DOF

ARCHITECTURE

1145kg

WEIGHT

1500kg

PAYLOAD

13kW

MAX POWER CONSUMPTION

83cm

MIN HEIGHT



MOTION PLATFORM PS-6TM-1500

The motion platform is dedicated for 0.4G simulators, where the fully equipped cabin is mounting directly on upper frame. PS-6TM-1500 motion system is chosen by customers, thanks to its ease of installation, super silent operation, good resistance to momentary overloads and reduced deployment time. All our motion platforms are supported by our Platform Manager software and they are easy to implemented in the most advanced projects.

KEY FEATURES



Resistant to overload

Good resistance to momentary overload resulting from dynamic change in mass distribution



Easy to transport

Modular design enabling transportation and assembly on site from the main components



Safety

Safe mechanical design resistant to electronic failures. Safety Integrity Level up to 3



Software support

Control all our motion platforms using one of our SDK



Unleashed performance

Impressive dynamics and performance



Super silent

Extremely quiet and smooth operation



VR technology

All our motion platforms work in VR environment with VR HeadWay technology



Warranty

Global technical support and gear lifetime up to 10 years of operation

GENERAL SPECIFICATION

	EXCURSIONS		VELOCITY	ACCELERATION
	SINGLE DOF	NON-SINGLE DOF		
SURGE	-0.21 m, 0.22 m - 8.27 in, 8.66 in	-0.23 m, 0.23 m - 9.06 in, 9.06 in	± 0.3 m/s	± 6 m/s ²
SWAY	-0.20 m, 0.20 m - 7.87 in, 7.87.0 in	-0.24 m, 0.24m - 9.45 in, 9.45 in	± 0.3 m/s	± 6 m/s ²
HEAVE	-0.14 m, 0.18 m - 5.51 in, 7.09 in	-0.16 m, 0.16 m - 6.3 in, 6.3 in	± 0.3 m/s	± 4 m/s ²
ROLL	-20.3°, 20.3°	-22.0°, 22.0°	35 °/s	± 250 °/s ²
PITCH	-19.7°, 18.2°	-25.0°, 24.8°	35 °/s	± 250 °/s ²
YAW	-22.0°, 22.0°	-24.0°, 24.0°	35 °/s	± 250 °/s ²
PAYLOAD	1500 kg 3307 lb			
CENTER OF GRAVITY HEIGHT ABOVE MOVING PLATFORM CENTROID	750 mm 29.5 in			
MOMENT OF INERTIA	1500 kg x m ²			
PRODUCT WEIGHT	1145 kg 2524 lb			
TOTAL WIDTH	2213.4 mm 87.1 in			
MIN HEIGHT	830 mm 32.7 in			
TOTAL LENGTH	2530.5 mm 99.6 in			
POWER SUPPLY REQUIREMENTS	400 VAC Three Phases			
AVARAGE POWER [kVA]	19 kVA			
PEAK POWER [kVA]	51 kVA			
PEAK CURRENT [A]	42 A			
AVARAGE POWER - STRESS TEST - [kW]	11 kW			
AVARAGE POWER - TYPICAL GAME - [kW]	4 kW			

ADD-ONS & ACCESSORIES

Power Cabinet PS-SB400 | Electromagnetic safety brakes | Spare parts

OUR SOFTWARE

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

GENERAL DIMENSIONS

