

PROFESSIONAL SERIES

PS-6TM-1500

6^{DOF}

ARCHITECTURE

1145^{kg}

WEIGHT

1500^{kg}

PAYLOAD

13^{kW}

MAX POWER CONSUMPTION

83^{cm}

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 ours 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	-213 mm, 228 mm	-233 mm, 233 mm	± 0.3 m/s	± 6 m/s ²
SWAY	-200 mm, 200 mm	-267 mm, 267mm	± 0.3 m/s	± 6 m/s ²
HEAVE	- 143 mm, 180 mm	-161 mm, 161 mm	± 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°	-23.1°, 24.5°	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			
AVERAGE POWER [kVA]	19 kVA			
PEAK POWER [kVA]	51 kVA			
PEAK CURRENT [A]	42 A			
AVERAGE POWER - STRESS TEST - [kW]	11 kW			
AVERAGE 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

