

PROFESSIONAL SERIES PS-3TM-1000

3DOF

ARCHITECTURE

595kg

WEIGHT

1000kg

PAYLOAD

6.5kW

MAX POWER CONSUMPTION

69cm









MIN HEIGHT



MOTION PLATFORM PS-3TM-1000

The PS-3TM-1000 three degrees of freedom motion platform was designed for most heavy duty load application where customers require reliability up to 100 000 working hours and gross moving load up to 1000 kg. It is our most popular motion system.

KEY FEATURES

 <p>Movement repeatability</p> <p>High ability to generate vibrations and incredible movement repeatability</p>	 <p>Compact design</p> <p>Small footprint and lightweight body</p>	 <p>Safety</p> <p>Safe mechanical design resistant to electronic failures. Safety Integrity Level up to 3</p>	 <p>Software support</p> <p>Control all our motion platforms using one of our SDK</p>
 <p>Unleashed performance</p> <p>Impressive dynamics and performance</p>	 <p>Super silent</p> <p>Extremely quiet and smooth operation</p>	 <p>VR technology</p> <p>All our motion platforms work in VR environment with VR HeadWay technology</p>	 <p>Warranty</p> <p>Global technical support and gear lifetime up to 10 years of operation</p>

GENERAL SPECIFICATION

	EXCURSIONS		VELOCITY	ACCELERATION
	SINGLE DOF	NON-SINGLE DOF		
HEAVE	-0.16 m, 0.17 m -6.3 in, 6.69 in	-0.16 m, 0.17 m -6.3 in, 6.69 in	0.51 m/s 20.1 in/s	4.5 m/s ² 0.45 g
ROLL	-19.0°, 19.0°	-19.0°, 19.0°	47°/s	360°/s ²
PITCH	-16.4°, 16.4°	-22.5°, 21.5°	55°/s	488°/s ²
PAYLOAD	1000 kg 2205 lb			
PRODUCT WEIGHT	595 kg 1312 lb			
CENTER OF GRAVITY HEIGHT ABOVE MOVING PLATFORM CENTROID	500 mm			
MOMENT OF INERTIA	500 kg x m ²			
TOTAL WIDTH	1497 mm 58.94 in			
MIN HEIGHT	688 mm 27.1 in			
TOTAL LENGTH	1705 mm 67.1 in			
POWER SUPPLY REQUIREMENTS	400 VAC Three Phases			
PEAK POWER [kVA]	10.4 kVA			
PEAK POWER [A]	9 A			
AVERAGE POWER - TYPICAL GAME [kW]	3.8 kW			
CONNECTION	USB Ethernet			

ADD-ONS & ACCESSORIES

Power Cabinet PS-SB230 | Electromagnetic safety brakes | Spare parts

OUR SOFTWARE

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

GENERAL DIMENSIONS

