

PROFESSIONAL SERIES

# PS-3TM-1000

**3**DOF

ARCHITECTURE

**595**kg

WEIGHT

**1000**kg

PAYLOAD

**6.5**kW

MAX POWER CONSUMPTION



**66**cm









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><b>Movement repeatability</b></p> <p>High ability to generate vibrations and incredible movement repeatability</p>	 <p><b>Compact design</b></p> <p>Small footprint and lightweight body</p>	 <p><b>Safety</b></p> <p>Safe mechanical design resistant to electronic failures. Safety Integrity Level up to 3</p>	 <p><b>Software support</b></p> <p>Control all our motion platforms using one of our SDK</p>
 <p><b>Unleashed performance</b></p> <p>Impressive dynamics and performance</p>	 <p><b>Super silent</b></p> <p>Extremely quiet and smooth operation</p>	 <p><b>VR technology</b></p> <p>All our motion platforms work in VR environment with VR HeadWay technology</p>	 <p><b>Warranty</b></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	5 m/s <sup>2</sup> 0.5 g
ROLL	-19.0°, 19.0°	-19.0°, 19.0°	63°/s	360°/s <sup>2</sup>
PITCH	-16.4°, 16.4°	-22.5°, 21.5°	63°/s	360°/s <sup>2</sup>
PAYLOAD	1000 kg   2205 lb			
PRODUCT WEIGHT	595 kg   1312 lb			
TOTAL WIDTH	1440 mm   56.7 in			
MIN HEIGHT	660 mm   26 in			
TOTAL LENGTH	1640 mm   64.6 in			
POWER SUPPLY REQUIREMENTS	400 VAC Three Phases			
MAX POWER CONSUMPTION	6.5 kW			

## 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

