



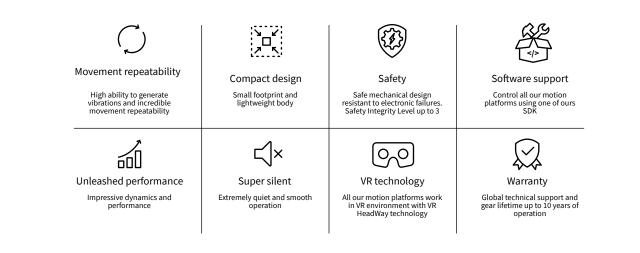
# PROFESSIONAL SERIES **PS-3TM-1000**



## 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



#### **GENERAL SPECIFICATION**

EXCURSIONS			
SINGLE DOF	NON-SINGLE DOF	VELOCITY	ACCELERATION
- 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/s² 0.45 g
-19.0°, 19.0°	-19.0°, 19.0°	47°/s	360°/s²
-16.4°, 16.4°	-22.5°, 21.5°	55°/s	488°/s²
1000 kg   2205 lb			
595 kg   1312 lb			
500 mm			
500 kg x m <sup>2</sup>			
1497 mm   58.94 in			
688 mm   27.1 in			
1705 mm   67.1 in			
400 VAC Three Phases			
10.4 kVA			
9 A			
3.8 kW			
USB   Ethernet			
	SINGLE DOF - 0.16 m, 0.17 m - 6.3 in, 6.69 in - 19.0°, 19.0° - 16.4°, 16.4° 1000 kg   2205 lb 595 kg   1312 lb 595 kg   1312 lb 500 mm 500 kg x m <sup>2</sup> 688 mm   27.1 in 688 mm   27.1 in 688 mm   67.1 in 1705 mm   67.1 in 1705 mm   67.1 in 400 VAC Three Phases 10.4 kVA 9 A 3.8 kW	SINGLE DOF NON-SINGLE DOF   - 0.16 m, 0.17 m - 0.16 m, 0.17 m   - 6.3 in, 6.69 in - 6.3 in, 6.69 in   - 19.0°, 19.0° - 19.0°, 19.0°   - 16.4°, 16.4° - 22.5°, 21.5°   1000 kg   2205 lb - 22.5°, 21.5°   595 kg   1312 lb - 20.5°   500 mm - 20.5°   500 kg x m² - 20.5°   1497 mm   58.94 in - 20.5°   688 mm   27.1 in - 20.5°   1705 mm   67.1 in - 20.5°   10.4 kVA - 20.5°   9 A - 3.8 kW	SINGLE DOF   NON-SINGLE DOF   VELOCITY     - 0.16 m, 0.17 m - 6.3 in, 6.69 in   - 0.16 m, 0.17 m 20.1 in/s   20.1 in/s     - 19.0°, 19.0°   - 19.0°, 19.0°   47°/s     - 19.0°, 19.0°   - 22.5°, 21.5°   55°/s     1000 kg   2205 lb   -   -     595 kg   1312 lb   -   -     500 mm   -   -   -     688 mm   27.1 in   -   -   -     100 VAC Three Phases   -   -   -     10.4 kVA   -   -   -   -     3.8 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

