

PROFESSIONAL SERIES

PS-6TM-550

6^{DOF}

ARCHITECTURE

550^{kg}

PAYLOAD

52^{cm}

MIN HEIGHT



460^{kg}

WEIGHT

3^{kw}

MAX POWER CONSUMPTION



MOTION PLATFORM PS-6TM-550

The PS-6TM-550 motion platform is the combination of high tech motion system with perfect look. The platform was considered the most stylish machine of the 6DoF family. Customers choose it not only for aesthetic reasons, but primarily for its low profile design, high ability to generate vibrations and good resistance to momentary overloads resulting from dynamic change in mass distribution which are necessary features in the construction of small and medium cockpits and cabins for simulation.

KEY FEATURES



Resistant to overload

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



Movement repeatability

High ability to generate vibrations and incredible movement repeatability



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



Easy to transport

Perfect size enabling worldwide transportation

GENERAL SPECIFICATION

	EXCURSIONS SINGLE DOF	VELOCITY	ACCELERATION
SURGE	- 0.157 m, 0.178 m - 6.18 in, 7.0 in	0.8 m/s 31.5 in/s	3.9 m/s ² 0.39 g
SWAY	- 0.152 m, 0.152 m - 5.98 in, 5.98 in	0.7 m/s 27.6 in/s	3.8 m/s ² 0.38 g
HEAVE	- 0.13 m, 0.134 m - 5.1 in, 5.27 in	0.46 m/s 18.1 in/s	4 m/s ² 0.4 g
ROLL	-14.2°, 14.2°	45°/s	380°/s ²
PITCH	-13.1°, 12.8°	46°/s	380°/s ²
YAW	-14.6°, 14.6°	62°/s	320°/s ²
PAYLOAD	550 kg 1213 lb		
PRODUCT WEIGHT	460 kg 1014 lb		
TOTAL LENGTH	1461 mm 57.5 in		
TOTAL WIDTH	1513 mm 56.6 in		
MIN HEIGHT	521 mm 20.5 in		
TOTAL HEIGHT	587 mm 23.1 in	(machine with feet)	
POWER SUPPLY REQUIREMENTS	400 VAC Three Phase		
AVERAGE POWER (kVA)	5 kVA		
PEAK POWER (KVA)	8 kVA		
PEAK CURRENT (A)	14 A		
AVERAGE POWER - STRESS TEST (kW)	4.4 kW		
AVERAGE POWER - STRESS GAME (kW)	1.0 kW		
CONNECTION	USB Ethernet		

ADD-ONS & ACCESSORIES

Wheels and feet, Spare parts

OUR SOFTWARE

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

GENERAL DIMENSIONS

