

PROFESSIONAL SERIES

# PS-6TM-550

**6<sup>DOF</sup>**

ARCHITECTURE

**550kg**

PAYLOAD

**52cm**

MIN HEIGHT



**460kg**

WEIGHT

**3kW**

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 <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> 0.4 g
ROLL	-14.2°, 14.2°	45°/s	380°/s <sup>2</sup>
PITCH	-13.1°, 12.8°	46°/s	380°/s <sup>2</sup>
YAW	-14.6°, 14.6°	62°/s	320°/s <sup>2</sup>
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 Single 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

