

# PROFESSIONAL SERIES PS-6TM-550

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

ARCHITECTURE

**550kg**

PAYLOAD

**54cm**

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 our 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	- 0.15 m, 0.17 m - 5.9 in, 6.7 in	0.2 m/s 7.9 in/s	3 m/s <sup>2</sup> 0.3 g
SWAY	- 0.14 m, 0.14 m - 5.5 in, 5.5 in	0.2 m/s 7.9 in/s	3 m/s <sup>2</sup> 0.3 g
HEAVE	- 0.13 m, 0.13 m - 5.12 in, 5.12 in	0.13 m/s 5.12 in/s	4 m/s <sup>2</sup> 0.4 g
ROLL	-15.0°, 15.0°	35°/s	250°/s <sup>2</sup>
PITCH	-16.0°, 16.0°	35°/s	250°/s <sup>2</sup>
YAW	-15.0°, 15.0°	35°/s	250°/s <sup>2</sup>
PAYLOAD	550 kg   1213 lb		
PRODUCT WEIGHT	460 kg   1014 lb		
TOTAL LENGTH	1599 mm   63 in		
TOTAL WIDTH	1445 mm   56.9 in		
MIN HEIGHT	539 mm   21.2 in		
TOTAL HEIGHT	611 mm   24.1 in	(machine with feet)	
POWER SUPPLY REQUIREMENTS	200-250 VAC Single Phase		
MAX POWER CONSUMPTION	3 kW		

## 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

