

# PROFESSIONAL SERIES PS-3TM-550

**3**DOF

ARCHITECTURE

**550**kg

PAYLOAD

**61**cm

MIN HEIGHT



**390**kg

WEIGHT

**6**kW

MAX POWER CONSUMPTION



## MOTION PLATFORM PS-3TM-550

The PS-3TM-550 motion platform is middleweight champion in the 3DoF products family. Motion system was designed for most heavy duty load application where customer requires reliability up to 100 000 working hours. This gives us possibility of offering service support in machine full life cycle up to 10 years. Used drive technology makes this motion platform one of the most silent solution available on the market.

## 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 ours 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			
	SINGLE DOF	NON-SINGLE DOF	VELOCITY	ACCELERATION
HEAVE	-0.13 m, 0.17 m -5.12 in, 6.69 in	-0.13 m, 0.17 m -5.12 in, 6.69 in	0.3 m 11.8 in/s	3 m/s <sup>2</sup> 0.3 g
ROLL	-20.1°, 19.0°	-20.1°, 20.1°	45°/s	420°/s <sup>2</sup>
PITCH	-17.6°, 17.4°	-22.5°, 24.8°	45°/s	500°/s <sup>2</sup>
PAYLOAD	550 kg   1213 lb			
PRODUCT WEIGHT	390 kg   860 lb			
TOTAL WIDTH	1444 mm   56.9 in			
MIN HEIGHT	610 mm   24.4 in			
TOTAL LENGTH	1554 mm   61.2 in			
POWER SUPPLY REQUIREMENTS	200-250 VAC Single Phase			
AVERAGE POWER (WATTS)	1426 W			
AVERAGE POWER (VA)	2258 VA			
PEAK POWER (VA)	5273 VA			
PEAK POWER (AMPS)	22 A			
CONNECTION	USB   Ethernet			

## ADD-ONS & ACCESSORIES

Power Cabinet PS-SB230, Wheels and feet, Extended Top Frame, Spare parts

## OUR SOFTWARE

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

## GENERAL DIMENSIONS

