

PROFESSIONAL SERIES

PS-3TM-550

3^{DOF}

ARCHITECTURE

550^{kg}

PAYLOAD



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>Movement repeatability</p> <p>High ability to generate vibrations and incredible movement repeatability</p>	 <p>Compact design</p> <p>Small footprint and lightweight body</p>	 <p>Safety</p> <p>Safe mechanical design resistant to electronic failures. Safety Integrity Level up to 3</p>	 <p>Software support</p> <p>Control all our motion platforms using one of ours SDK</p>
 <p>Unleashed performance</p> <p>Impressive dynamics and performance</p>	 <p>Super silent</p> <p>Extremely quiet and smooth operation</p>	 <p>VR technology</p> <p>All our motion platforms work in VR environment with VR HeadWay technology</p>	 <p>Warranty</p> <p>Global technical support and gear lifetime up to 10 years of operation</p>

GENERAL SPECIFICATION

	EXCURSIONS		VELOCITY	ACCELERATION
	SINGLE DOF	NON-SINGLE DOF		
HEAVE	-132.4mm, 167.6 mm	-132.4mm, 167.6 mm	0.3 m/s	3 m/s ²
ROLL	- 17.2°, 17.2°	- 19.0°, 19.0°	45°/s	420°/s ²
PITCH	- 14.8°, 17.4°	- 20.8°, 24.1°	45°/s	500°/s ²
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

