

PROFESSIONAL SERIES

PS-3TM-550

3 DOF

ARCHITECTURE

550 kg

PAYOUT



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

GENERAL SPECIFICATION

| EXCURSIONS | | | | |
|---------------------------|--------------------------|--------------------|----------|---------------------|
| | SINGLE DOF | NON-SINGLE DOF | VELOCITY | ACCELERATION |
| 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 | 420°/s ² |
| PAYOUT | 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

