

PROFESSIONAL SERIES

# PS-3ROT-150

**3**AXIS

UNLIMITED ROTATION

**2100**kg

WEIGHT



**150**kg







PAYLOAD



## MOTION SYSTEM PS-3ROT-150

3DOF motion platform PS-3ROT-150 is the comprehensive, very unique and ready-to-go simulation solution offering unlimited 360° rotation in 3 axes. Cutting edge technology provides outstanding performance and responsiveness necessary in professional training or entertainment applications.

## KEY FEATURES

 <p><b>Unlimited rotation</b> Unlimited rotation around the longitudinal, vertical and lateral axis</p>	 <p><b>Unleashed performance</b> Impressive dynamics and high performance</p>	 <p><b>Software support</b> Control motion systems using one of ours SDK</p>
 <p><b>Super silent</b> Extremely quiet and smooth operation</p>	 <p><b>VR technology</b> Full VR technology support</p>	 <p><b>Safety</b> Safe mechanical design resistant to electronic failures</p>

# GENERAL SPECIFICATION PS-3ROT-150

## MOVEMENT PERFORMANCE ALONG THE AXIS

LONGITUDINAL	Max angular movement speed: 90°/s Max angular acceleration of motion: 30°/s <sup>2</sup>
LATERAL	Max angular movement speed: 90°/s Max angular acceleration of motion: 30°/s <sup>2</sup>
VERTICAL	Max angular movement speed: 60°/s Max angular acceleration of motion: 30°/s <sup>2</sup>

## PAYLOAD SPECIFICATION

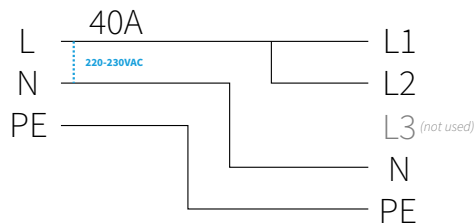
PAYLOAD	150 kg
PRODUCT WEIGHT	2100 kg

## MAIN DIMENSIONS

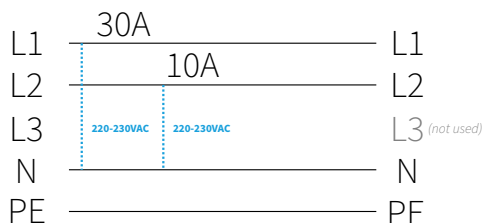
TOTAL WIDTH	2800 mm
TOTAL HEIGHT	3600 mm
TOTAL LENGTH	3100 mm

## POWER REQUIREMENTS

MAX POWER CONSUMPTION	7 kW
POWER SUPPLY SYSTEM	2 x Single Phase 230V or 3-Phase 400V



PS-3ROT-150 requires two 220-240VAC, 50~60Hz power channels. First is used only for motion related components, second channel is dedicated for cabin accessories (e.g. computer, display system).



- if the same phase is connected to both channels, 40A is required
- if different phases are connected to each channels (e.g. L1 and L2 from 3x400 V power system), then first channel requires up to 30A, the second requires only 10A
- this device does not require 120° between power sources/phases.
- if one needs to install 115VAC accessories in cabin, then one must install AC-AC step down converter in the cabin