

PROFESSIONAL SERIES

# PS-3ROT-150 V2

**3**AXIS

UNLIMITED ROTATION

**1875**kg

WEIGHT



**150**kg







PAYLOAD



## MOTION SYSTEM PS-3ROT-150 V2

PS-3ROT-150 V2 is the new version of 360 rotational motion platform with comfortable and lightweight cabin, which is easy to equipped in add-ons and accessories compatible with many 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>Add-ons &amp; Accessories</b> Possibility of using 3rd party accessories</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 V2

## MOVEMENT PERFORMANCE ALONG THE AXIS

LONGITUDINAL	Max angular movement speed: 75°/s Max angular acceleration of motion: 30°/s <sup>2</sup>
LATERAL	Max angular movement speed: 50°/s Max angular acceleration of motion: 30°/s <sup>2</sup>
VERTICAL	Max angular movement speed: 90°/s Max angular acceleration of motion: 30°/s <sup>2</sup>

## PAYLOAD SPECIFICATION

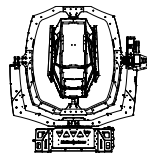
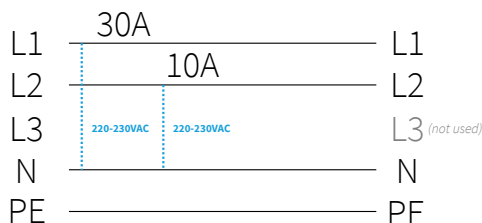
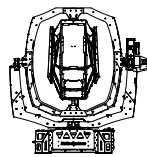
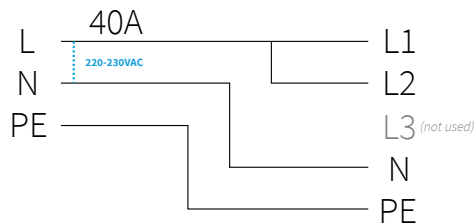
PAYLOAD	150 kg   331 lb
PRODUCT WEIGHT	1875 kg   4134 lb

## MAIN DIMENSIONS

TOTAL WIDTH	3140 mm   124 in
TOTAL HEIGHT	3328 mm   129 in
TOTAL LENGTH	2450 mm   97 in

## POWER REQUIREMENTS

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



PS-3ROT-150 V2 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