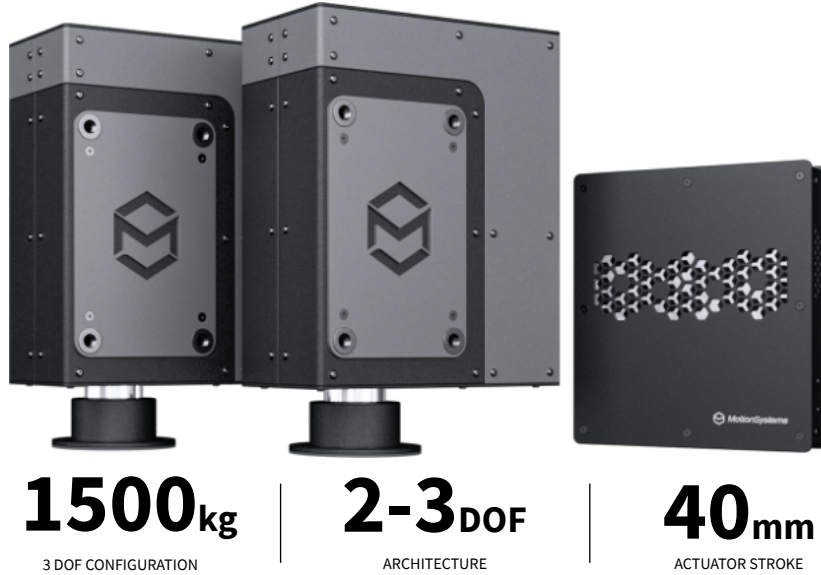


PROFESSIONAL SERIES







PS-280



SET OF LINEAR ACTUATORS PS-280

The PS-280 linear actuators set delivers powerful performance and minimum maintenance in a very compact design. Its impressive endurance and high load capacity make it perfect motion solution for simulators. Maintenance requirements are minimum, and the motion platform is really easy to use.

KEY FEATURES

 <p>Real time vibration Based on patent pending linear actuators technology</p>	 <p>Compact Design Small footprint and lightweight body</p>	 <p>Modular and reconfigurable Quick integration with external actuators set from 2 to 3 DOF</p>
 <p>Plug&Play Ready to work in few minutes</p>	 <p>Software support Control all our motion platforms using one of our SDK</p>	 <p>VR technology Full and native hardware and software integration with the VR headset</p>

GENERAL SPECIFICATION **PS-280**

SYSTEM PERFORMANCE

	VELOCITY	ACCELERATION
HEAVE	125 mm/s 4.92 in/s	LIMITED TO 0.5G*
ROLL	DEPENDS ON TYPE OF FRAME	LIMITED TO 500°/s ² *
PITCH	DEPENDS ON TYPE OF FRAME	LIMITED TO 500°/s ² *

*value of acceleration is limited for safety reasons.

PAYLOAD SPECIFICATION

PAYLOAD FOR 3 DOF CONFIGURATION	1500 kg 3307 lb
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MAIN DIMENSIONS

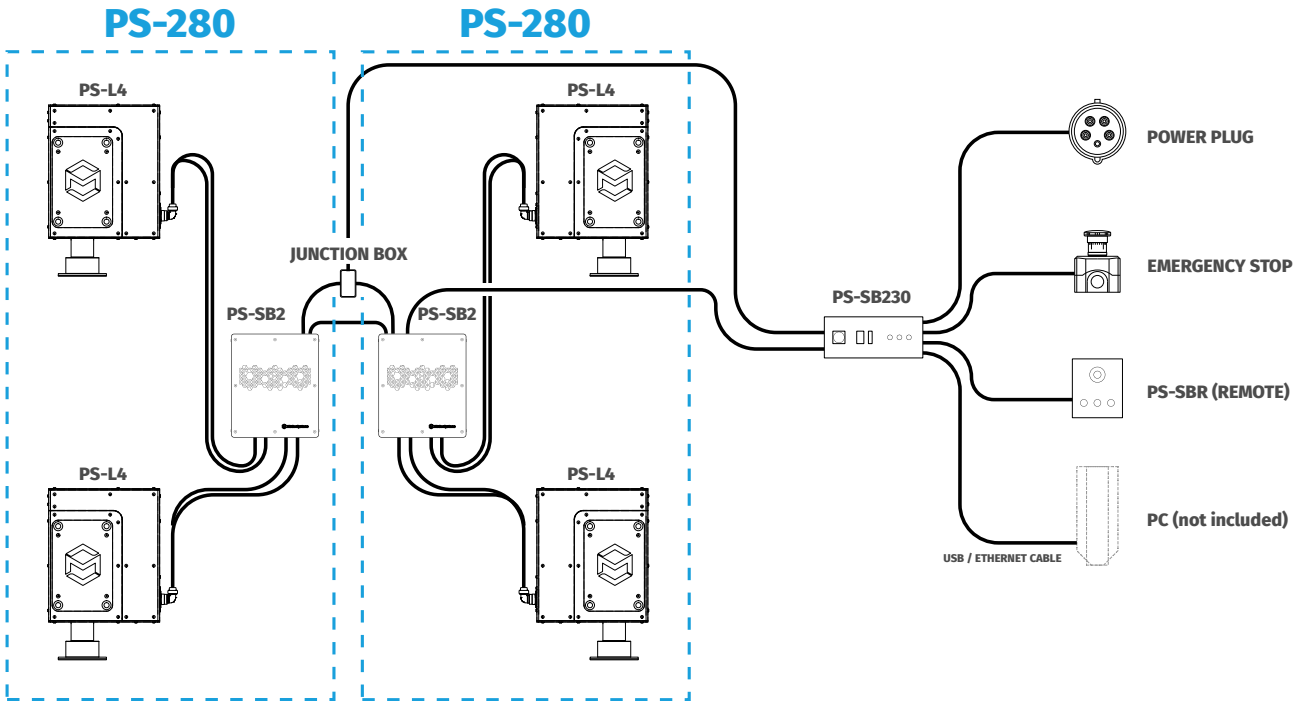
TOTAL WIDTH	181 mm 7.2 in
TOTAL LENGTH	375 mm 14.77 in
MIN HEIGHT	527 mm 20.75 in

POWER REQUIREMENTS

AVERAGE POWER	2.2 kVA
PEAK POWER	6.6 kVA
PEAK CURRENT	29 A
AVERAGE POWER (STRESS TEST)	1 kW
AVERAGE POWER (TYPICAL GAME)	0.4 kW

APPLICATION NOTE

The PS-280 consists of two linear actuators with a very high payload 375 kg for single actuator and the compact control unit. This motion system can be easily extended to 3DOF configuration. The new generation of electrical cabinet is equipped with proprietary design electronics and software. Design of cabinets allows users to achieve security measures CL class up to SIL (Safety Integrity Level) 3 if required.



ADD-ONS & ACCESSORIES

Power Cabinet PS-SB230

OUR SOFTWARE

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

GENERAL DIMENSIONS

