

MOTION PLATFORM

QS-625

6^{DOF}

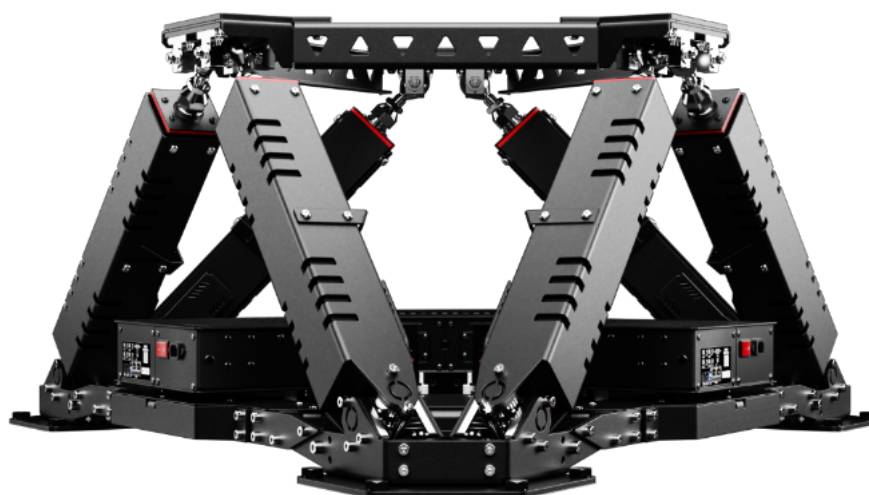
SET ARCHITECTURE

10^{cm}

ACTUATOR STROKE

250^{kg}







PAYLOAD



MOTION PLATFORM QS-625

The QS-625 motion platform as a perfect base for flight and car simulators. Load capacity up to 250 kg/551 lb, compact size, and ultra-quiet operation, are not the only advantages of a six-axis machine. This 6DoF motion system is equipped with rigidity, high positioning accuracy and real-time vibrations, which is mainly intended for professional applications in the field of flight and driving simulation.

KEY FEATURES

 <p>Super silent Extremely quiet operation</p>	 <p>Modular and Reconfigurable Easy to adapt to 3rd party cockpits</p>	 <p>Software support QubicManager: motion adjustment, motion post-processing, extensive diagnostic and profiles</p>
 <p>Wide games support Over 80+ integrated and supported racing and flight games</p>	 <p>VR technology VR HeadWay technology support (VR sickness compensation)</p>	 <p>Professional grade Used by professional race car drivers and pilots around the world</p>

GENERAL SPECIFICATION **QS-625**

SYSTEM PERFORMANCE

	EXCURSION (SINGLE DOF)	EXCURSION (NON SINGLE DOF)	VELOCITY	ACCELERATION
SURGE	- 82 mm, 85 mm - 3.23 in, 3.35 in	- 94 mm, 94 mm - 3.7 in, 3.7 in	600 mm/s 23.6 in/s	4000 mm/s ²
SWAY	- 74 mm, 74 mm - 2.91 in, 2.91 in	- 68 mm, 64 mm - 2.68 in, 2.52 in	500 mm/s 19.6 in/s	3500 mm/s ²
HEAVE	- 68 mm, 64 mm - 2.68 in, 2.52 in	- 88 mm, 88 mm - 3.46 in, 3.46 in	440 mm/s 17.3 in/s	3000 mm/s ²
ROLL	-10.8°, 10.8°	-11.5°, 11.5°	80°/s	540°/s ²
PITCH	-9.9°, 10.9°	-13.8°, 13.8°	60°/s	500°/s ²
YAW	-11.4°, 11.4°	-12°, 12.5°	80°/s	510°/s ²

*value of acceleration is limited for safety reasons.

GENERAL SPECIFICATION

ARCHITECTURE	6 DOF
PAYLOAD	250 kg 551 lb
PRODUCT WEIGHT	260 kg 573 lb
TOTAL WIDTH	719 mm 28 in
TOTAL LENGTH	1437 mm 56,5 in
MIN HEIGHT	607 mm 24 in

POWER REQUIREMENTS

	230V	120V
AVERAGE POWER CONSUMPTION	199W / 2114,53 VA	238W / 2160,31 VA
PEAK CURRENT FOR BREAKER SPECIFICATION	8,84 A	17,45 A

SUPPORTED TECHNOLOGIES

Qubic Manager (free-of-charge) | Motion SDK - ForceSeatDI | Motions SDK - ForceSeatMI | Motion Theater

WHAT'S INCLUDED

The QS-625 is transported in a specially adapted transport box. Box with QS-625 included:

- QS-625 Motion Platform
- QubicManager software download
- USB and power cables
- Nuts and Bolts required for assembly
- Product Manual

Box dimensions:

94 cm x 150 cm x 130 cm | 37 in x 59 in x 51 in

GENERAL SPECIFICATION **QS-625**

