

QUBIC SERIES

QS-S25

6DOF

SET ARCHITECTURE

350kg

SET WEIGHT

4.5kW

AVERAGE POWER CONSUMPTION



250kg

PAYLOAD

10cm

ACTUATOR STROKE



MOTION PLATFORM QS-S25

QS-S25 is designed for customers looking for the most realistic simulation. The unique combination of professional motion technology and modern, adjustable accessories allows users to train and experience real flight or racing simulation.

The motion platform uses its 6 degrees of freedom (surge, sway, heave, roll, pitch, and yaw) to feed precise motion inputs that very accurately represent key sensations such as understeer, traction loss, lateral g-force inputs, braking. Machine gives the best feeling of the track – bumps, curbs, gravel or grass. QS-S25 motion platform - advanced linear system is chosen also by military and universities as a training tool for various projects.

KEY FEATURES



Multifunctional

Flexible and universal unit for many various purposes



Unleashed performance

Impressive dynamics and high performance



Software support

Control motion systems using one of ours SDK



Easy to transport

Modular design enabling transportation and assembly on site from the main components



VR technology

Full VR technology support



Safety

Safe mechanical design resistant to electronic failures

GENERAL SPECIFICATION **QS-S25**

SYSTEM PERFORMANCE

	EXCURSIONS	VELOCITY	ACCELERATION
SURGE	-12.3, 15.8 cm	700 mm/s	1G
SWAY	-12.6, 12.6 cm	700 mm/s	1G
HEAVE	-5.3, 5.3 cm	250 mm/s	0.5G
ROLL	-4.1°, 4.1°	40°/s	400°/s ²
PITCH	-3.7°, 3.8°	40°/s	400°/s ²
YAW	-9.8°, 9.8°	100°/s	600°/s ²

PAYLOAD SPECIFICATION

PAYLOAD	250 kg
PRODUCT WEIGHT	350 kg

MAIN DIMENSIONS

TOTAL WIDTH	2800 mm
TOTAL LENGTH	2800 mm
MIN HEIGHT	821 mm

POWER REQUIREMENTS

AVERAGE POWER CONSUMPTION	4,5 kW
MAX POWER CONSUMPTION	5,2 kW
POWER SUPPLY REQUIREMENTS	220-250 VAC Single Phase

QS-S25 MOTION SET **OPTIONS**

- Set of wheels and feet - Mounting bracket: Steering Wheel - Mounting bracket: Pedals - Mounting bracket: Shifter/Handbrake - Mounting bracket: Butt kicker - Mounting bracket: Speakers - Mounting bracket: Keyboard - Racing seat (FIA) - fixed position - Racing seat adjustment - 4-point safety seat belt (FIA) - TV Stand
Offer does not contain: PC computer - Manipulators - VR Headset - Monitor - Game and simulation software

SUPPORTED **TECHNOLOGIES**

VR HeadWay, VBS3/4 Plugin, Self Diagnostic, Self calibration

OUR **SOFTWARE**

Platform Manager - ForceSeatPM (license)