

MOTION PLATFORM

QS-S25

6 DOF



The QS-S25 packs six degrees of freedom into a modular frame - available in a doorway-friendly kit for easy on-site assembly. With 1.0G peak acceleration it is the fastest platform in the QS lineup - yet at 54 dB, quiet enough to run at home without disturbing neighbors.

WHY QS-S25



Unleashed Performance

1000 mm/s and 1.0G - the fastest surge in the QS 6DOF range.



Easy to Transport

Modular design for on-site assembly



Racing + Flight

One platform for sim racing, flight simulation and driver training



Home Friendly

54 dB - quieter than conversation. 6DOF Stewart platform that runs at home

6DOF

ARCHITECTURE

250kg

PAYLOAD

350kg

SET WEIGHT

100mm

STROKE

WHAT TO EXPECT

RACING SIMULATION

- › Acceleration & braking G-forces
- › Lateral acceleration in corners
- › Wheel slip and traction loss
- › Road surface feedback

FLIGHT SIMULATION

- › Positive & negative G-forces
- › Engine & rotor vibrations
- › Turbulence effects
- › Landing gear feedback

COMPATIBLE WITH

- QS-BT1 Belt Tensioner
- Most Sim Racing Accessories
- Flight Simulation Peripherals

SPECIFICATIONS

SYSTEM PERFORMANCE	EXCURSION	VELOCITY	ACCELERATION
Heave	-54.3 / +53.8 mm	350 mm/s	0.5 G*
Surge	-139.2 / +115.3 mm	1000 mm/s	1 G*
Sway	±114.7 mm	900 mm/s	1 G*
Pitch	±4.6°	40°/s	500°/s ² *
Roll	±5.1°	40°/s	500°/s ² *
Yaw	±9.8°	80°/s	1000°/s ² *
SPECIFICATIONS			
Payload	250 kg		
Payload (Perf. Mode)	150 kg		
Product Weight	350 kg		
Noise Level	54-59 dB (home-friendly)		
Vibration Range	0-100 Hz		
Latency	<8 ms		
DIMENSIONS			
Max Height	877 mm		
Total Width	1603 mm		
Total Length	1701 mm		
Min Height	769 mm		
Installed height (cockpit + monitors)	1559 mm		

POWER DRAW	120 V	230 V
Average power	0.9 kVA	1.3 kVA
Peak power	1.5 kVA	2.4 kVA
Average current	8 A	6 A
Peak current	13 A	11 A
Avg power - stress test	0.45 kW	0.46 kW
Avg power - typical game	0.08 kW	0.1 kW

WHAT'S IN THE BOX?

QS-S25 Motion Platform

- 6x high performance linear actuators
- Upper and bottom frame
- Motion controller + Motion-Lock

Accessories

- Transport wheel modules
- Monitor mounting brackets
- Set of cables + Power Connector Hub

QUBIC SYSTEM

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PRODUCT



MANUAL

CONNECT WITH US

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