

SEAT MOVER

QS-H13

2 DOF

The QS-H13 is a high-performance 2DOF seat mover that adds another dimension of immersion to any simulator. With ultra-fast response times, it delivers precise lateral and longitudinal G-forces directly through the seat.

WHY QS-H13

10-Degree Travel
Enough to shift body weight in corners

Vibration Feedback
Built-in 0-100 Hz haptics replace a bass shaker

Sub-10ms Response
Fast enough that motion matches the visuals, even in VR

No Floor Space Needed
Mounts on the seat rail, not under the cockpit - adds motion without changing the room

2DOF	130kg	0-100Hz	33kg
ARCHITECTURE	MAX USER WEIGHT	VIBRATIONS	DEVICE WEIGHT

WHAT TO EXPECT

RACING EFFECTS

- Lateral G-forces in corners
- Acceleration & braking feel
- Wheel slip sensation
- Road texture feedback

ENHANCED IMMERSION

- Weight transfer feeling
- Curb strikes feedback
- Collision impacts
- Engine vibrations

QS-H13 Technical Specifications

SEAT MOVER

COMPATIBLE WITH

- QS-BT1 Belt Tensioner
- QS-210 Motion System
- QS-220 Motion System
- QS-CH2 Motion Platform
- Most Aluminum Cockpits
- Next Level Racing® Traction Plus*

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SPECIFICATIONS

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Architecture	2 DOF		
Max User Weight	130 kg		
Device Weight	33 kg		
Vibration Range	0-100 Hz		
Interface	USB		
Power Supply	120/230V AC, 1-phase		
Max Current	INPUT 7.0A / OUTPUT 10.43A		
Max Power	480 W		
Noise Level	≤60 dB(A) (declared, ISO 11202)		
Latency	<10 ms		
SYSTEM PERFORMANCE	**EXCURSION**	**VELOCITY**	**ACCELERATION**
Pitch	±9.45°	50°/s	650°/s^2
Roll	±10.4°	65°/s	850°/s^2
DIMENSIONS			
Dimensions	461×417×231 mm		
Total Width	460.6 mm		
Total Length	416.6 mm		
Height	230.9 mm		

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POWER DRAW	120 V	230 V
Average power	0.08 kVA	0.09 kVA
Peak power	0.1 kVA	0.1 kVA
Average current	0.1 A	0.1 A
Peak current	3 A	2 A
Avg power - stress test	0.05 kW	0.04 kW
Avg power - typical game	0.006 kW	0.006 kW

WHAT'S IN THE BOX?

QS-H13 Seat Mover Set

- Main unit (QS-H13)
- Set of cables
- External power supply

Mounting & Accessories

- Mounting adapters for aluminum cockpits
- Mounting adapter for QS-BT1
- Motion-Lock jumper + interlink cable

Seat mounting adapter and Motion-Lock remote switch are not included.

QUBIC SYSTEM
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PRODUCT MANUAL

CONNECT WITH US
Discord: qubicsystem
YouTube: @qubicsystem
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