

MOTION PLATFORM

QS-CH2



2 DOF

The QS-CH2 provides precise traction loss feeling by moving the entire cockpit. Based on the same linear actuator technology as the QS-220, it delivers sub-8ms feedback for Rally, Drift and any racing simulation - so the body starts correcting oversteer before the brain catches up.

WHY QS-CH2



Feel the Rear

The cockpit moves and rotates when the rear breaks loose - correct oversteer on instinct



Train the Instincts

Sub-8ms trains the muscles to catch oversteer - skills that transfer to real driving



Mount the Rig

Universal brackets fit 520-640mm cockpits - keep the existing setup



Expand to 5DOF

Add QS-210/220 for pitch, roll and heave - available for cockpits 550-640mm wide with 1114mm longitudinal actuator spacing

2DOF

ARCHITECTURE

300kg

MAX PAYLOAD

±50mm

SURGE

±7.2°

YAW

WHAT TO EXPECT

TRACTION LOSS EFFECTS

- › Oversteering sensation
- › Vehicle rear movement
- › Weight transfer feedback
- › Drift initiation feeling

RACING FEEDBACK

- › Lateral G-forces
- › Corner entry/exit dynamics
- › Oversteer indication
- › Grip level awareness

COMPATIBLE WITH

- QS-210/220 Motion Systems
- QS-H13 Seat Mover
- QS-BT1 Belt Tensioner
- Most Aluminum Cockpits
- Custom Sim Rigs
- Rally / Drift Simulators

SPECIFICATIONS

SYSTEM PERFORMANCE	
Surge	±50 mm
Yaw	±7.2°
Payload	300 kg
Max Acceleration	0.56 G
Stroke	100 mm
Latency	<8 ms
Vibration Range	0-100 Hz
DIMENSIONS	
Total Width	1072.5 mm
Total Height	223.7 mm
Total Length	1329 mm
Platform Weight	160 kg
POWER REQUIREMENTS	
Power Supply	120 / 230 VAC Single Phase
Max Power	1.7 kVA
Connection	USB

POWER DRAW	120 V	230 V
Average power	1.1 kVA	1.3 kVA
Peak power	1.5 kVA	1.8 kVA
Average current	9 A	6 A
Peak current	13 A	8 A
Avg power - stress test	0.7 kW	0.6 kW
Avg power - typical game	0.06 kW	0.06 kW

WHAT'S IN THE BOX?

QS-CH2 Motion Platform

- Main unit + QS-SB2 power cabinet (mounts under-floor)
- Motion-Lock interlink cable
- Transport wheels (built-in)

QS-MC6 Controller Set is not included (required, sold separately).

Mounting & Accessories

- Anchoring plates
- Universal cockpit adapter brackets
- Mounting fasteners

QUBIC SYSTEM

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PRODUCT



MANUAL

CONNECT WITH US

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