

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 your body starts correcting oversteer before your brain catches up.

**WHY QS-CH2**



**Feel the Rear**

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



**Train Your Instincts**

Sub-8ms teaches your muscles to catch oversteer - skills that transfer to real driving



**Mount Your Rig**

Universal brackets fit 520-640mm cockpits - keep your 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 YOU'LL EXPERIENCE**

**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

## SYSTEM PERFORMANCE

Surge	-50 mm, +50 mm
Yaw	-7.2°, +7.2°

Platform Weight	160 kg
Gross Moving Load	300 kg

## DIMENSIONS

Total Width	1072.5 mm
Total Height	223.7 mm
Total Length	1329 mm

Power Supply	120 / 230 VAC
Vibration Range	0-100 Hz

## POWER REQUIREMENTS

Power Supply	120 / 230 VAC Single Phase
Max Power	1.7 kVA
Connection	USB

## WHAT'S IN THE BOX?

### QS-CH2 Motion Platform

- ✓ Main unit (with integrated Power Cabinet)
- ✓ Motion Lock interlink cable
- ✓ Transport wheels (built-in)

### Mounting & Accessories

- ✓ Anchoring plates
- ✓ Universal cockpit adapter brackets
- ✓ Mounting fasteners

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

### QUBIC SYSTEM

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PRODUCT



MANUAL

### CONNECT WITH US

Discord: qubicsystem  
 YouTube: @qubicsystem  
 Instagram: @qubicsystem

For detailed specifications and installation guide, see the product manual at [qubicsystem.com/um](https://qubicsystem.com/um)