

## MOTION COCKPIT

# QS-V20

**4 DOF with Traction Loss**

The QS-V20 is an extended 4DOF motion cockpit, designed for pro racing car simulation. With 0.89G acceleration and built-in traction loss feature, it reproduces the physical cues real drivers use to feel grip limits - so your body learns to catch slides before your eyes react.

**WHY QS-V20****Traction Loss**

Your body learns to catch slides before your eyes react

**Room-Friendly**

No dedicated sim room needed

**Super Silent**

Ride at 2 AM without waking anyone upstairs

**Plug & Play**

Ready to work in a few minutes

**4DOF**

ARCHITECTURE

**0.89G**

MAX ACCELERATION

**900mm/s**

MAX VELOCITY

**<8ms**

LATENCY

**0-100Hz**

VIBRATIONS

**WHAT YOU'LL EXPERIENCE****MOTION EFFECTS**

- › Acceleration & braking G-forces
- › Lateral acceleration in corners
- › Heave motion on bumps
- › Roll and pitch dynamics

**TRACTION LOSS**

- › Oversteering feedback
- › Wheel slip sensation
- › Weight transfer feeling
- › Drift control feedback

## COMPATIBLE WITH

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

## SYSTEM PERFORMANCE (Q-MODE 230V)

	Excursion	Velocity	Acceleration
HEAVE	-51.8 / +51.5 mm	0.9 m/s	8.8 m/s <sup>2</sup>
ROLL	±7.6°	140°/s	1500°/s <sup>2</sup>
PITCH	±5.5°	40°/s	500°/s <sup>2</sup>
YAW	±6.1°	75°/s	900°/s <sup>2</sup>

Other modes available: Performance, Heavy Duty. Configurable via QubicManager.

## SPECIFICATIONS

Architecture	4 DOF with Traction Loss
Max User Weight	150 kg
Product Weight	280 kg
Control Frequency	1000 Hz
Connection	USB

Total Length	1716 mm
Total Width	1195 mm
Total Height	1050 mm (mid position)
Noise Level	57.5-66 dB (home-friendly)

## WHAT'S IN THE BOX?

### QS-V20 Motion Cockpit

- ✓ 4x linear actuators + 2x Power Cabinets
- ✓ Adjustable wheel, seat and pedal brackets
- ✓ Desk with mounting points + entry step

### Accessories

- ✓ QS-MC6 controller
- ✓ Transport wheels + QS-BT1 bracket
- ✓ Complete cable set + Motion Lock Switch

## QUBIC SYSTEM

qubicsystem.com  
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Made in Poland (EU)



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)