MOTION PLATFORM

QS-TP1

Traction Pro

QS-TP1 adds true rear-end slide to your motion simulator. Mount it under 4 vertical actuators for a full five-axis setup, or place your cockpit directly on top. You feel the car step out before you see it, so you can catch oversteer with precision.

WHY QS-TP1

The Moment the Rear Lets Go

The whole cockpit swings around its nose, so the slide is felt through the seat, not only seen

Speed Over Amplitude

Under 8 ms from telemetry to motion - the cue arrives while there is still time to correct it

Two Ways to Run It

A 2DOF base on its own, or under a QS-210 / QS-220 set for a full five-axis platform

Delivered Flat-Pack

Ships in 3 compact boxes, so it is easy to move into any room - self-assembly kit or pre-assembled

2DOF	250kg	±30mm	±8°
ARCHITECTURE	MAX PAYLOAD	SURGE	YAW

WHAT TO EXPECT

TRACTION LOSS EFFECTS

- Oversteering sensation
- Vehicle rear movement
- Drift initiation feeling
- Grip level awareness

RACING FEEDBACK

- Longitudinal G-forces
- Braking and acceleration
- Rumble strips and road harshness
- Gear change and ABS

COMPATIBLE WITH

- QS-210 / QS-220 (3DOF)
- QS-210 / QS-220 + Pivot (2DOF)

QS-210 / QS-220 + Pivot (2DOF) - coming soon.

Cockpit frame width B relates to actuator axis width W as W = 2 x 55.4 + B.

SPECIFICATIONS

SYSTEM PERFORMANCE	
Surge	±30 mm
Yaw	±8°
Payload	250 kg
Max Acceleration	0.6 G
Stroke	60 mm
Latency	<8 ms
Vibration Range	0-100 Hz
DIMENSIONS	
Total Length	1271 mm
Total Width	850 mm
Total Height - cockpit adapters	273 mm
Total Height - actuator cups	238 mm
Operating Footprint	1294 x 493 mm
Platform Weight	86 kg
COCKPIT WIDTH RANGE	
Actuator cups	650-750 mm
Adapters - inside mounting	540-650 mm
Adapters - outside mounting	646-756 mm

QS-TP1 Technical Specifications

POWER REQUIREMENTS		
Power Supply	120 / 230 VAC Single Phase	
Connection	USB and Ethernet socket included	
POWER DRAW	**120 V**	**230 V**
Average power	0.8 kVA	0.95 kVA
Peak power	0.85 kVA	1.0 kVA
Average current	7 A	5 A
Peak current	23 A	14 A
Avg power - stress test	0.43 kW	0.4 kW
Avg power - typical game	0.03 kW	0.03 kW

QUBIC SYSTEM
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PRODUCT MANUAL

CONNECT WITH US
Discord: qubicsystem
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