

# QUBIC SERIES

# QS-CH1

## MOTION CHASSIS

Where to buy: [www.Force2Motion.de](http://www.Force2Motion.de)



**3**DOF

SET ARCHITECTURE

**10**cm

ACTUATOR STROKE



**300**kg







PAYLOAD



## MOTION CHASSIS QS-CH1

QS-CH1 is a brand new, modular, and flexibly configurable training product dedicated for advanced land vehicles and city car driving simulation. QS-CH1 is a part of the Qubic System product's series. By using a number of expansion accessories, including manipulators and dedicated peripherals, it is possible to quickly build a simulator for future drivers or vehicle operators. The motion system consists of 3 DOF platform with electric actuators that provide cues for vehicle acceleration, road curvature and obstacles such as sidewalks and potholes.

## KEY FEATURES

 <p><b>Easy for transport</b> Euro 2 pallet dimension 1200 mm x 800 mm</p>	 <p><b>Plug&amp;Play</b> Ready to work in few minutes</p>	 <p><b>Software support</b> Delivered with software management package and plugins. Simulation software support</p>
 <p><b>Compact design</b> Small footprint and lightweight body</p>	 <p><b>VR technology</b> Full and native hardware and software integration with the VR headset</p>	 <p><b>Real-Time Vibrations</b> Generate precise real-time vibrations up to 100 Hz</p>

# GENERAL SPECIFICATION **QS-CH1**

## SYSTEM PERFORMANCE

HEAVE	100 mm	Maximum acceleration up to 1G
PITCH	-5.0°, 5.0°	
ROLL	-7.0°, 7.0°	

## PAYLOAD SPECIFICATION

PAYLOAD	300 kg   662 lb
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## MAIN DIMENSIONS

TOTAL WIDTH	856 mm   33.7 in
TOTAL HEIGHT	763 mm   30 in
TOTAL LENGTH	1426 mm   56 in

## POWER REQUIREMENTS

MAX POWER CONSUMPTION	240 W
POWER SUPPLY SYSTEM	100~240V, 50-60Hz

# SUPPORTED TECHNOLOGIES

VR HeadWay, VBS3/4 Plugin, Self Diagnostic, Self Calibration, Platform Manager - ForceSeatPM (license)

# GENERAL DIMENSIONS

