



COMPATIBLE WITH

- ▶ Remote control weapon systems
- ▶ Camera tracking systems
- ▶ Gimbal systems
- ▶ Radar systems
- ▶ Rotator systems
- ▶ Turret systems
- ▶ Vehicle cabin/body systems
- ▶ Aircraft cabin systems



FACTS

- ▶ 6 degrees of freedom
- ▶ 6 electro-mechanical actuators
- ▶ 4.000 kg total payload
- ▶ 600 mm actuator stroke



APPLICATIONS

- ▶ Turret & RCW test
- ▶ Component validation
- ▶ Signal replication
- ▶ Signal generation
- ▶ Real time simulation table
- ▶ Field data system testing simulator

3D CONNECTION CONTROLLER
OPTIONAL



SMOTION PRODUCT LINE

SMOTION4000

- SMOTION6000
- SMOTION8000
- SMOTION10000
- SMOTION12000
- SMOTION14000



DIMENSIONS

L2.9Xw3.0XH2.1 m





TECHNICAL SPECIFICATIONS

Performance Specifications

- ▶ Gross Moving Load up to **4.000 kg**
- ▶ Actuator Stroke **600 mm**
- ▶ Center of Gravity Above Top Platform **1.00 m (Max)**
- ▶ Settled Height **1.28 m**
- ▶ Neutral Height **1.70 m**

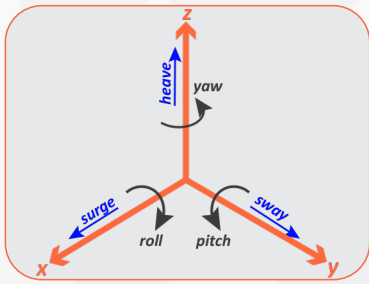
Moment of Inertia About

- ▶ Moment of Inertia About X axis **5.650 kg.m²**
- ▶ Moment of Inertia About Y axis **5.650 kg.m²**
- ▶ Moment of Inertia About Z axis **5.650 kg.m²**

Power Supply

- ▶ **380VAC ±10%, 3ph , 50/60Hz**

	Velocity	Acceleration
▶ Surge	± 0.75 m/s	± 7 m/s²
▶ Sway	± 0.75 m/s	± 7 m/s²
▶ Heave	± 0.62 m/s	± 7 m/s²
▶ Roll	± 40⁰/s	± 200⁰/s²
▶ Pitch	± 40⁰/s	± 200⁰/s²
▶ Yaw	± 50⁰/s	± 300⁰/s²



HARDWARE COMPONENTS

- ▶ User friendly interface control (GUI)
- ▶ Hardware real-time control
- ▶ UDP based PC communication
- ▶ IMU integrated measurement system
- ▶ Passive and active limitations



SIMPLE, SAFE AND ERGONOMIC SOFTWARE

- ▶ Signal generations
- ▶ Field data signal replication
- ▶ Real time signal visualization
- ▶ Signal recording and processing



USER FRIENDLY GUI

