

SIROCCO hexapod

Dynamic hexapod with high amplitude



KEY FEATURES

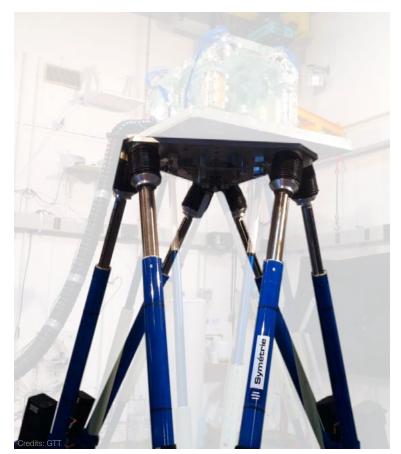
- Payload capacity 2 tons
- Linear travel range ± 600 mm
- Angular travel range ± 40°



APPLICATIONS

- Motion simulator
- Swell simulator

- High payloads positioner
- Vehicle simulator



GTT designs cryogenic membrane containment systems used in the shipbuilding industry for the transport of liquid natural gas (LNG). SIROCCO hexapod allows GTT laboratories to study the impact of moving liquid, also called sloshing, on their insulation.



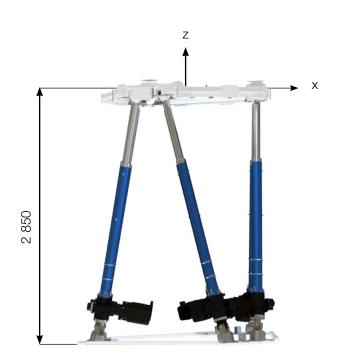
DCNS uses SIROCCO hexapods as submarine simulators for training purposes to reproduce the emergency situations that submarine crews might encounter during a mission.



FMC Technologies uses two SIROCCO XL hexapods to test a ¼ scale LNG loading arm. These hexapods simulate the swell motion to qualify the loading arm that will connect a gas carrier to an offshore gas production factory. One hexapod simulates the gas carrier, the other the offshore factory.



The performances are specified for single axis motions, with all other axes at midrange and for a rotation center in the middle of the mobile platform.



Hexapod in middle position

