MISTRAL hexapod

Dynamic hexapod for motion



KEY FEATURES

- Payload capacity up to 1 ton
- Linear travel range ± 460 mm
- Angular travel range ± 30°



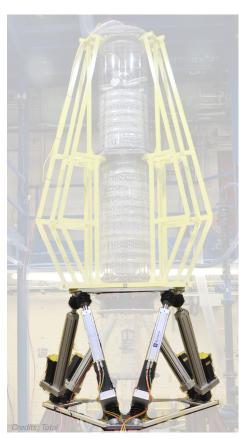
APPLICATIONS

- Motion simulator
- Swell simulator

- High payload positioner
- Driving simulator



MISTRAL hexapod reproduces ship motions to test the stabilization performances of large maritime SATCOM antennas.



MISTRAL hexapod simulates the motion of a floating gas production unit to characterize hydrodynamic effects of swell on the chemical reactions in a gas deacidification column. These tests allow to improve performance and robustness of the processing units.



MISTRAL hexapod orientates a ship model in a wave basin to reproduce maritime conditions and test the shipbuilding techniques.



The surfers can practice various wave situations played by our Simusurf hexapod and improve their gestures through practice and analysis by recording their movements with additional sensors. Simusurf hexapod can be used as a discovery and learning tool for the casual surfer or as a performance and training tool for the professional surfer.





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.

