

Rolling Deck

The Rolling Deck simulates ship motion to enable the development and testing of a variety of systems and equipment for use at sea.

The Deck offers an efficient and cost-effective way of establishing whether a system is fit for purpose. The computer controlled deck can be modified to suit your exact requirements.

Features include:

- Based on a Type 23 Frigate
- Includes a nose wheel shuttle rail, deck lock grid and lash down points
- Can accommodate a variety of deck 'furniture'
- Includes hard points to support winches and pumps
- Designed to withstand a 15 tonne helicopter striking the deck at 3g
- Sea states 1 to 6 can be reproduced

Rolling Deck Dimensions & Motion System	
Top Deck Size	16m x 12m
Top Deck Weight	40 tonnes
Carriage Size	7.6m x 7.3m x 6m
Carriage Weight	60 tonnes
Power Supply	500 kVA
Payload	15 tonnes
Simple Harmonic	0.8 rads/sec
Spectral Response	1.6 rads/sec



An efficient and cost-effective method of establishing the fitness for purpose of a system