

## MULTI-MATTRESS DEPLOYMENT SYSTEM MDS<sup>3</sup>

MDS<sup>3</sup> is a state-of-the-art subsea tool that will move mattress deployment into a new era, supporting the move towards cost effective energy projects through accelerated mattress deployment.

MDS<sup>3</sup> is proven to deliver time and cost savings to its users, improving project efficiencies and HSE standards.



### Particulars

Length: 6m  
Height: 1.2m  
Width: 3m  
Load: 3 x mattresses (6m x 3m x 0.3m typical)  
Max load weight in air: 30 tonnes

### Power

Hydraulic power pack, frame mounted

### Release Mechanism

3 pairs of hydraulic actuators  
Remote control from surface control unit

### Crane Capacity

35 tonnes (AHC preferred)

### Navigation

3 x Video cameras: 1x fore, 1x aft, 1x umbilical  
2 x Blueview sonars (fore and aft)  
Fibre optic gyro (heading)  
Attitude sensor (pitch and roll)  
Transponders: 2 minimum  
Depth sensor

### Control

Remotely operated  
Thrusters, release actuators and sensors convert frame into ROV



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