

# Alpha 8 ROV



Alpha 8 is a powerful and full customized work class ROV.

Dedicated for energy and telecom cables or pipe works (burial, survey, inspection).

This ROV is a very good compromise for weight power and trenching capabilities.

## Work capabilities

Operations : Burial, Inspection, Survey,  
Gripping & Cutting  
Power : 450 kW  
Operating depth : 3000m  
Burial depth : Up to 3m  
Trench width : From 150 to 400mm  
Speed Trenching : Up to 500m/h  
Speed free swimming : Forward 2.5 Knots  
Speed on tracks : 2500 m/h

## Characteristics

### Typical characteristics

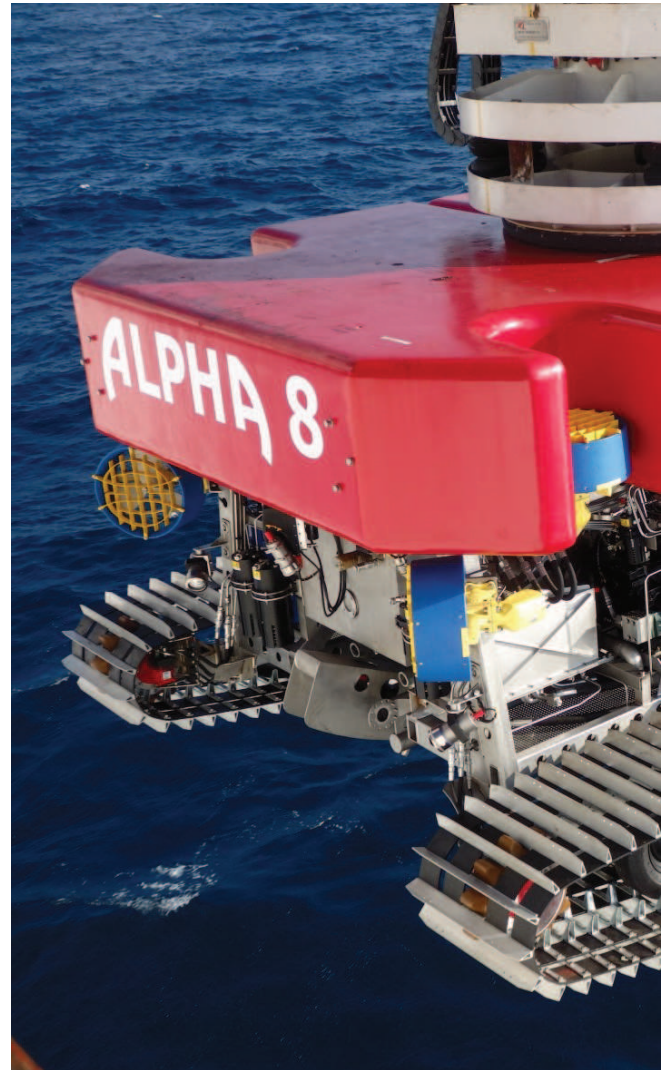
Dimensions : length 6m / breadth 3.5m on tracks  
Height : 2.3m  
Weight on tracks : 12 tons in the air  
Weight on skids : 11 tons in the air  
Structure : Tubular stainless steel 316L  
Piping and fittings : Stainless steel  
Payload : 300kg

### Power Propulsion

Power : 450 kW (150 kW HPU/300 kW jetting)  
Operating voltage : 440V/60hz

### Shipboard Support

Deployment system : Crane or dedicated winch & L.A.R.S Available  
Ship work deck : 300m<sup>2</sup>  
Operating team : 1 team leader and 6 technicians



### Instrumentation and tools

Video & cameras : Pan & Tilt (up to 3)  
Lighting : 8 spots light LED  
Instrumentation : Sonar Blue view, current meter, profiler, altimeter, cable sensor...  
Piloting (auto modes) : altitude, heading, tracks, depth  
Navigation : acoustic positioning system / 2 compass  
Tracking : 350 & 440 TSS Cable Tracker  
Manipulators : 2 Conan 7 functions (schilling)  
Tools : 1 Cutter & 1 gripper (up to 80mm cable diameter)  
Jetting : HP and BP pumps / front and rear tools

All characteristics are adjustable and we customize our products in order to meet our customer's needs.

The first unit of this ROV is hired by Orange Marine and ACPL in Singapore.