

# J-SWOC Crawler



J-SWOC is a powerful Jetting Crawler dedicated for shallow water cable works.

This product is designed to bury all kinds of cable or pipe (up to 250mm diameter) from the shore up to 100m.

The J-SWOC is fully instrumented and equipped.

It does not require a burial using divers due to its high level of efficiency and quality.

## Work capabilities

Operations : Shallow water burial,  
Inspection, Survey  
Total power : Up to 420 kW (180 kW or 420 kW)  
Operating depth : From the beach to 350m  
Burial depth : Up to 3m (2m or 3m)  
Speed Trenching : 200m/h typical speed  
Speed on tracks : 2500 m/h

## Characteristics

### Typical characteristics

Dimensions : length 6m / breadth 3.5m on  
tracks / height 1.7  
Weight on tracks : 6 tons in air / 0.5 tons in  
water (adjustable)  
Structure : tubular Stainless steel 316L  
Piping and fittings : Stainless steel

### Power propulsion

Hydraulic power : 20 kW  
Operating voltage : 440V/60hz  
Jetting power : Up to 400 kW with submersible  
pumps 250 kW and 250 kW with pumps on the  
vessel's deck

### Vessel Support

Deployment system : Crane  
Ship work deck : 200m<sup>2</sup>  
Operating team : 1 team leader and 6 techni-  
cians



### Instrumentation and tools

Video & cameras : 2 Pan & Tilt units & 1  
wide angle  
Data : 2x485 / 2x232 / Ethernet link (2 or 6  
data link in spare)  
Lighting : 6x250w spot lights  
Instrumentation : Various (Sonar, altime-  
ters, cable sensor...)  
Navigation : Acoustic positioning system /  
compass  
Piloting : Auto modes: heading, tracks  
Tracking : TSS 440 Cable Tracker  
Features : 1 workshop container and 1  
spare parts container

This vehicle is able to work on different activities like wind farm, shore end and all shallow water burial operations.

J-SWOC worked on the ACE Project in West Africa, on the SHI Project in Scotland and on AAE1 Project in Malaysia.