



## DATA SHEET

Doc Ref: ENS-MAR-DAS-015\_RevC

### KEY FEATURES

- Self loads product subsea.
- 3.5m bend radius for products with high MBR.
- 300kW water jetting system reduces tow force.
- Trench depths up to 2.4m at current configuration.

# PCP

## POWER CABLE PLOUGH

PCP-2 is a high performance power cable plough with the capability to operate around the world, providing the burial and immediate backfill of power cables. The Power Cable Plough is ideally suited to the Offshore Renewables market, providing the burial of inter-array and export cables.

With burial performance in a variety of soil conditions, the plough can support either simultaneous or post-lay operations. In certain seabed conditions, an enhanced burial performance is obtained through the utilisation of the 300kW water jetting system, which reduces tow forces and increases ploughing performance.

# PCP

## PARTICULARS

|                              |                                                         |
|------------------------------|---------------------------------------------------------|
| <b>Max. Operating Depth</b>  | 1500m                                                   |
| <b>Max. Product Diameter</b> | 240mm                                                   |
| <b>Product MBR</b>           | 3.5m (Share and Depressor)                              |
| <b>Mx. Trench Depth</b>      | Up to 2.4m                                              |
| <b>Speed Range</b>           | Up to 1000m/hr (Product Dependant)                      |
| <b>Tow Force</b>             | 130Te                                                   |
| <b>Length</b>                | 12.25m (with depressor fully down)                      |
| <b>Width</b>                 | 6.3m                                                    |
| <b>Height</b>                | 6.95m (with drawbar raised)<br>4.7m (with drawbar down) |



## WEIGHT

|                 |      |
|-----------------|------|
| <b>In Air</b>   | 45Te |
| <b>In Water</b> | 40Te |

## BURIAL TOOL

|                         |                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Share Design</b>     | Parallel sided blade provides low pull force and good penetration in a variety of sands subject to there being adequate pull force. |
| <b>Additional Tools</b> | Water jetting system - 300kW                                                                                                        |
| <b>Depth Control</b>    | Continuously variable between 0.73m and 2.4m using the front skids.                                                                 |

## SOIL TYPE

Suitable for a range of soil types, including sands and very soft to hard clays.

## SURVEILLANCE EQUIPMENT

|                                        |
|----------------------------------------|
| 6 x Explorer Pro CCD                   |
| 1 x 1017 OA Sonar                      |
| 6 x LED Lights with Dimming Capability |
| Provisions for 3 x Gemini 720's        |
| Octans Gyro                            |