

PCP-2

SPECIFICATION SHEET



POWER CABLE PLOUGH 2

KEY FEATURES

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.

The advanced power cable handling system has the capability to self load product subsea allowing diverless operations, resulting in economic advantages to the project workscope.

- SELF LOADS PRODUCT SUBSEA
- 3.1M BEND RADIUS FOR PRODUCTS WITH HIGH MBR
- 300KW WATER JETTING SYSTEM REDUCES TOW FORCE
- TRENCH DEPTHS UP TO 2.4M AT CURRENT CONFIGURATION

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The PCP-2 is not limited to these parameters and can be modified by DeepOcean to complete worksopes in excess of its current configuration.

PARTICULARS

MAX. OPERATING DEPTH	1500m
MAX. PRODUCT DIAMETER	230mm
PRODUCT MBR	3.1m (Share and Depressor)
MAX. TRENCH DEPTH	2.4m
SPEED RANGE	up to 1000m/hr
TOW FORCE	130te
LENGTH	12.25m (with Depressor fully down)
WIDTH	6.3m
HEIGHT	6.95m (with Drawbar raised) 4.7m (with Drawbar down)

WEIGHT

IN AIR	TBC
IN WATER	34te

BURIAL TOOL

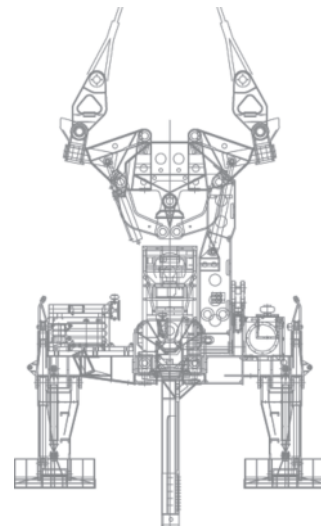
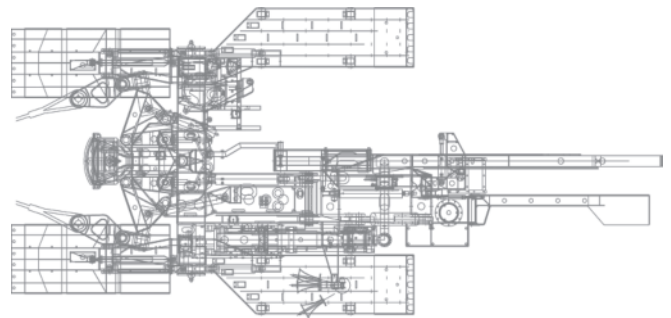
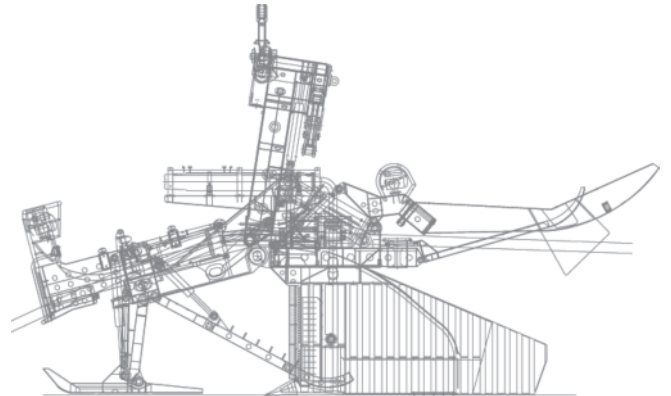
SHARE DESIGN	Parallel sided blade provides low pull force and good penetration in variety of sands subject to there being adequate pull force
ADDITIONAL TOOLS	Water jetting system - 300kW
DEPTH CONTROL	Continuously variable between 0.73m and 2.4m using the front skids

SOIL TYPE

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

SURVEILLANCE EQUIPMENT

3 x Mono SIT Cameras
1 x Mesotech 971 OA Sonar
6 x 150W Incandescent Lights
1 x CCD



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