



Deep C Subsea HP Jetting System

High-Pressure Subsea Jetting for Offshore Operations

The Deep C Subsea HP Jetting System is a high-performance subsea pumping unit that delivers high-pressure water directly at the seabed for demanding offshore intervention operations. By locating the pump subsea, the system maximizes jetting efficiency while reducing deck space, mobilization time and personnel exposure to pressurized equipment.

Providing up to 2,500 bar operating pressure, the system can operate as a standalone unit or be integrated with the Deep C HD Subsea Dredge. It supports a wide range of applications, including excavation, internal cleaning, concrete cutting, high-pressure testing and other complex subsea intervention tasks.

Features



Delivers up to 2,500 bar subsea jetting pressure.



Standalone system or integrated with the Deep C HD Subsea Dredge.



Compact topside spread with reduced deck space and mobilization time.

Technical Specifications

The Deep C Subsea HP Jetting System is a robust subsea pumping unit designed for demanding offshore operations. Delivering high-pressure water directly at the seabed, the system provides efficient, reliable and flexible performance for a wide range of subsea intervention applications. Designed for standalone deployment or integration with the Deep C HD Subsea Dredge, it supports project-specific configurations and a wide range of jetting tools and accessories.

Contact sales@deepcgroup.com for more details.

Dimensions

LxWxH:	2 700 x 2 100 x 2 600 mm
Dry Weight:	3 200 kg
Weight Submerged:	2 500 kg

Topside Spread

PDU Container (LxWxH):	3000 x 2400 x 2700 mm
PDU Container Weight:	5 000 kg
Umbilical Winch (LxWxH)*:	2400 x 3500 x 2500 mm
Umbilical Winch Weight*:	13 000 kg
Umbilical Chute (LxWxH):	2200 x 900 x 1800 mm
Umbilical Chute Weight:	1 000 kg

*Separate winch not required when Deep C Subsea HP Jetting System is integrated in Deep C HD Subsea Dredge.

Performance

Operating Pressure:	970 bar
Maximum Pressure:	2 500 bar
Operating Flow (970 bar):	168 lpm
Rod Force:	200 000 N
Power Rating:	300 kW

Power Interface (vessel)

1 off 3 x 575 A, 60Hz, 440 V (PDU) - (Is ≈1150 A)
1 off 3 x 125 A, 60 Hz, 440 V (Winch)
1 off 16 A, 220 V (Light)

Deployment

Deployment to seabed by vessel crane
DNV 2.7-3 certified, 4,5m Hs
Guide funnels for deployment through moon pool

