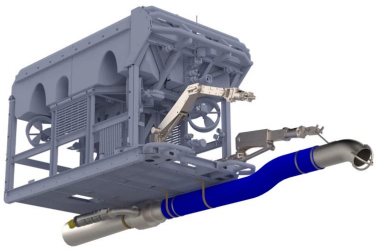
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High-capacity pump

Jetting and seabed material removal

PURPOSE

Jetting and seabed material removal



The high-capacity pump performs subsea jetting and seabed material removal as part of an ROV system. The illustration shows a hydraulically driven vane-type pump, suction/delivery hose and nozzle. Ratchet straps secure the pump to the vehicle frame.

The arrangement lets the working nozzle reach a local area while the pump remains on the vehicle. The presentation identifies the product as an analogue of the WeSubsea 12-inch Dredge. Numerical performance and consumption data for the Amaringo product are not provided in the source.

Price

On request

Manufacturing lead time

On request

PARAMETERS

Technical specifications

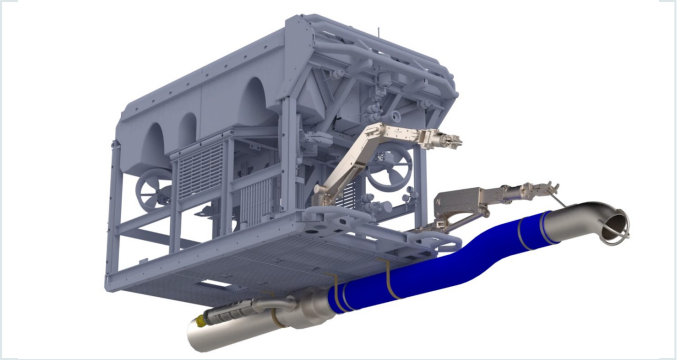
Final configuration and operating conditions are agreed in the technical specification.

Parameter	Value
Drive type	Hydraulic
Pump assembly	Vane-type pump
Working line	Suction/delivery hose with nozzle
Frame mounting	Ratchet straps

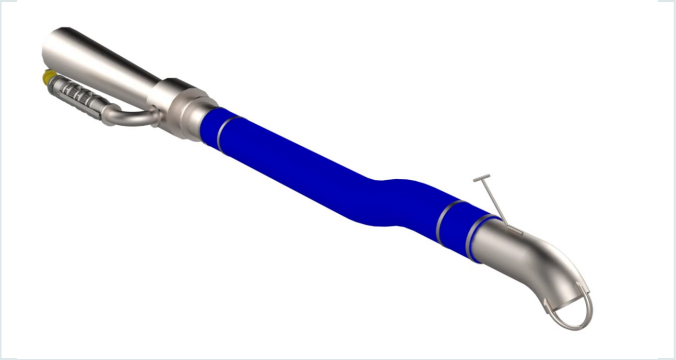
APPLICATIONS

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From task to operation.



Dredging pump integrated with an ROV



Suction hose and nozzle

Exposing assets

Removing deposits to access a pipeline or another subsea component.

Site preparation

Local clearance of an installation area of agreed seabed material.

ROV operation

Mounting the pump on the tooling skid and positioning the nozzle.

Analogue reference data

Analogue parameter	Reference value
Analogue nominal size	12 inches
Analogue hydraulic flow, L/min	150
Analogue hydraulic pressure, bar	200
Analogue soil removal rate, m³/h	Up to 108