



Deep C ROV Dredge

Compact and Efficient Dredging for ROVs

The Deep C ROV Dredge is a lightweight, robust dredging unit designed for seamless integration with ROV hydraulic systems. With unrestricted dredge sizes up to 10" and a range of suction head designs, it ensures efficient material removal and long-distance transport.

Features

- 30-40% less power required
- Multiple operational modes
- 100% engineered, project based specifications



Technical Specifications

Deep C ROV Dredge is a compact dredging tool for ROV operations, supporting up to 10" dredge sizes with unrestricted flow. Operating at 60 lpm and 180 bar, it delivers up to 11,700 lpm water flow for efficient sediment removal.

Contact mail@deepcgroup.com for more details.

Dredge Size (inches)	6"	8"	10"
Unrestricted ID:	150 mm	200 mm	250 mm
Hydraulic requirement:	60 lpm @ 180 bar	60 lpm @ 180 bar	60 lpm @ 180 bar
Flow rate water:	5 800 lpm	8 500 lpm	11 700 lpm
Theoretical removal rate:	60 t/hr	60 t/hr	60 t/hr
Unit weight air:	60 kg	70 kg	90 kg
Unit weight water:	40 kg	45 kg	55 kg

*) Dependent on material and influx of sediment

Hydraulic Interface: Pressure: 3 m ¾" hose JIC 12 female
Return: 3 m 1" hose JIC 12 female
Drain: 3 m ½" hose JIC 8 female

Transport Box With Forklift Pockets

6" ROV Dredge

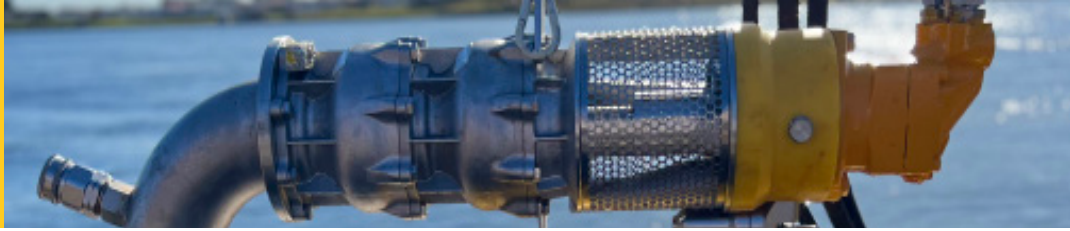
Length:	120 cm
Width:	80 cm
Height:	75 cm
Apprx. weight:	100 kg

8" ROV Dredge

Length:	180 cm
Width:	80 cm
Height:	75 cm
Apprx. weight:	120 kg

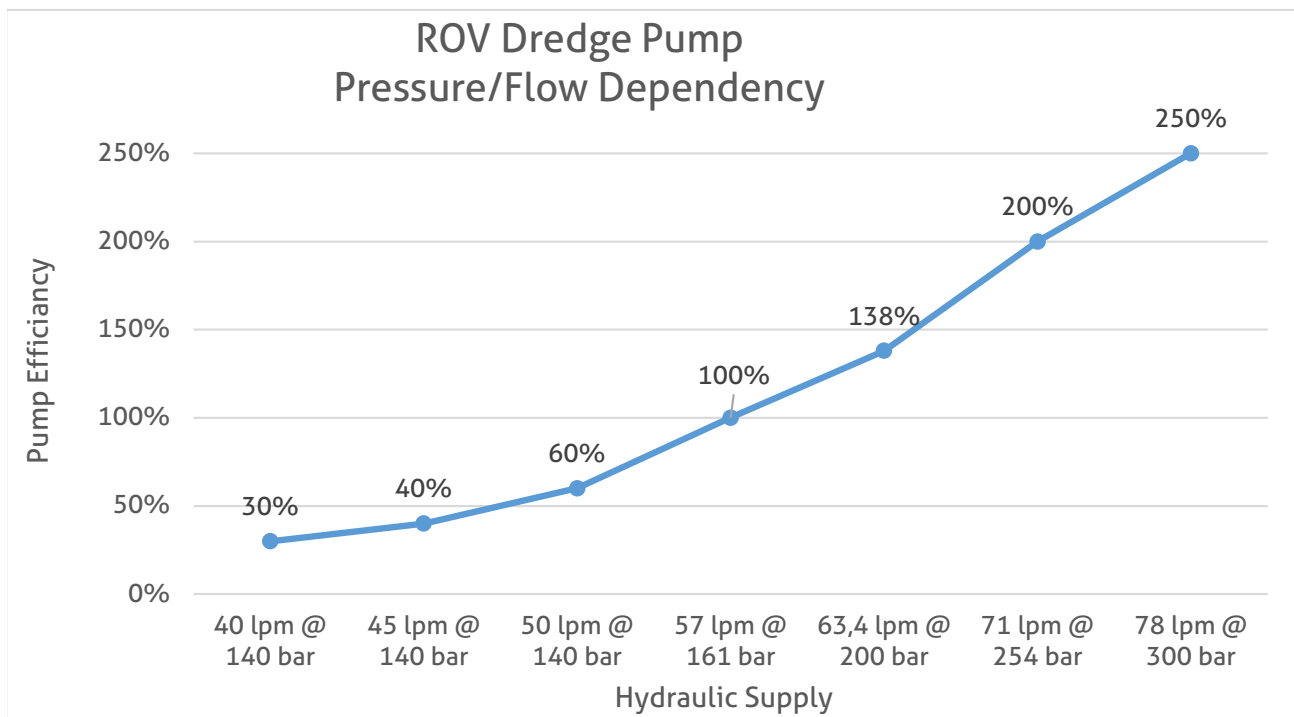
10" ROV Dredge

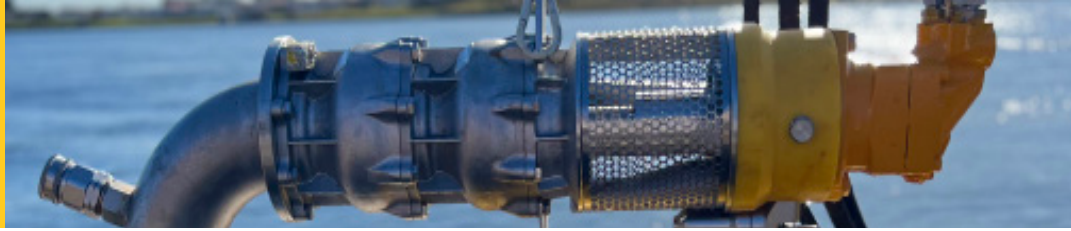
Length:	240 cm
Width:	80 cm
Height:	75 cm
Apprx. weight:	190 kg



ROV Dredge Pump Efficiency

Pressure vs. Flow Performance Overview





ROV Dredge Supplementary Tools

Customizable tools to enhance efficiency and versatility

Features, Supplementary Tools

Backflush:	Reverse flow in case of clogging
Exhaust hose:	Extend disposal area
Jetting:	In case of cohesive clay
HD ROV Manipulator:	Precise handling
Mosquito extension:	Pile Dredging



ROV Dredge Manipulator (10 - 16")

LxWxH:	1314 x 921 x 1325 mm
Dry weight:	120 kg
Weight submerged:	95 kg
Capacity:	175 liters
Work pressure:	180-250 bar

