



3" Excavation System

Dredging and jetting system

Jetting system with dredge pump unit into a single manipulator held nozzle assembly produces the excavation system; providing sufficient power to break large solids and excavate any solid up to three inches in diameter. Dredging and jetting operations can be used alternately or simultaneously.

Applications

Dredging and jetting operations
Removal of drill cuttings
Clearing of subsea manifolds
Removal of soft marine growth
Marine archaeology
Treasure hunting and salvage

Features

Combines jetting & dredging in one simply deployed package
Excavate solids up to 75mm / 3in diameter
Water jet at 400bar / 5801psi
Dredge 1688lpm / 446gpm
Able to run dry without damage
4in discharge
Combined weight 41kg / 90.3lbs in air
Constructed from 316 stainless steel

In the box

Hydraulic dredge pump
0-520bar jetting system
Excavation nozzle
Operational hoses
Operations and maintenance manual



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Specifications



| | |
|---------------------------------|---|
| Dredge hydraulic input pressure | 140bar / 2000psi |
| Dredge hydraulic input flow | 26-34lpm / 6.8-8.9gpm |
| Dredge dimensions | 440 x 450 x 400mm / 17.3 x 17.7 x 15.7in |
| Dredge weight | 14.5kg / 32lbs |
| Jetting unit input pressure | 180-210bar / 2610-3045psi |
| Jetting unit input flow | 30-60lpm / 8-16gpm |
| Jetting unit output pressure | 0.5-520bar / 7.25-7500psi |
| Jetting unit output flow | 15-30lpm / 4-16gpm |
| Jetting unit dimensions | 380 x 305 x 300mm / 15 x 12 x 11.8in at highest |
| Jetting unit weight in air | 27kg / 59lbs |
| Fluids | Water, sea water, hydraulic oil and glycol |

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