



## Vortex Easy Dredge

### Diver and ROV dredge skid

Vortex Easy Dredge significantly reduces mobilisation costs and on the bottom time during diver jobs. This compact dredging system is easy to deploy with no reconfiguration necessary, simply connect the hydraulics, drop the system and you're ready to start dredging.

The Vortex Easy Dredge uses the patented Vortex Venturi, the most powerful venturi dredging system on the market.

### Applications

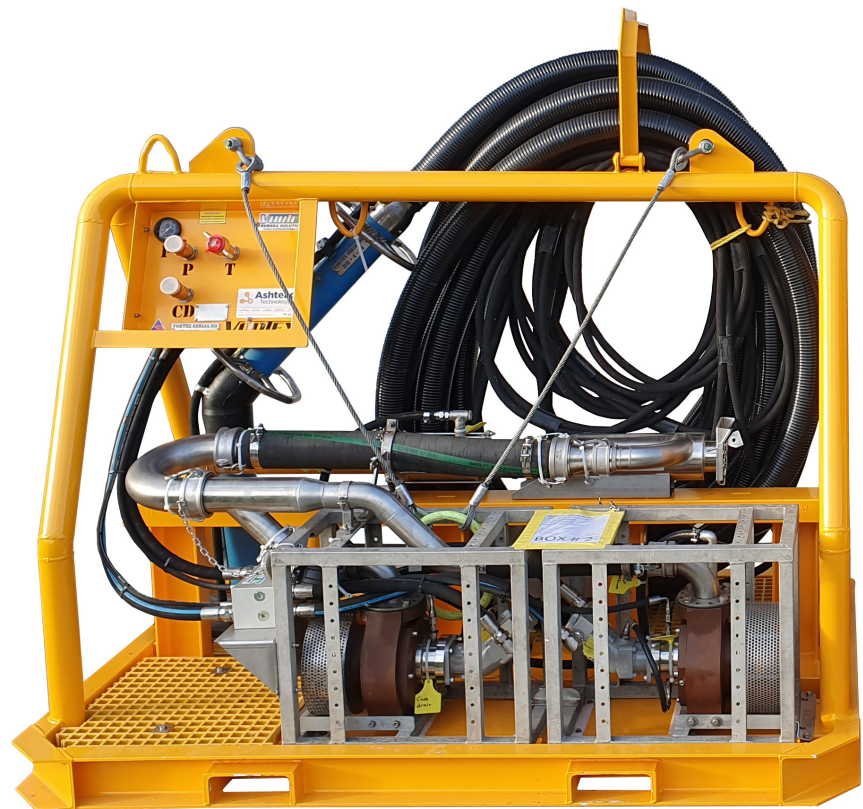
- Pile cleaning
- Excavation
- Decommissioning
- Drill cutting removal
- UXO clearance
- Marine archaeology

### Features

- Diver operated system
- Up to 100kpa using 4inch dredge
- No hydraulic reconfig required
- 4, 6 & 8 inch dredge units standard
- Unrestricted operating depths
- Offshore certification for rigging to DNVGL-ST-E273, 2.7-3

### In the box

- 4, 6 and 8 inch suction nozzles
- 3, 10 or 12 inch nozzles (optional)
- 30m long suction hose
- Water pump spares kit
- Operations and maintenance manual



# Vortex Easy Dredge

## Specifications



	<b>4 Inch</b>	<b>6 Inch</b>	<b>8 Inch</b>
Debris removal rates (ton / hr)	60t/hr plus	120t/ph plus	146t/ph plus
Venturi inner diameter	99mm / 3.9in	150mm / 6in	195mm / 8in
Rated maximum stone size	90mm / 3.5in	140mm / 5.5in	195mm / 7.6in
Combined water pump flow	180m3/hr	360m3/hr	340m3/hr
Suction hose diameter	100mm / 3.9in	150mm / 6in	200mm / 8in
Exhaust hose diameter	100mm / 3.9in	150mm / 6in	200mm / 8in
Inlet suction hose length	4m / 13.1ft	4m / 13.1ft	4m / 13.1ft
Exhaust throw length	1.7m / 5.5ft	1.7m / 5.5ft	1.7m / 5.5ft
Hydraulic flow required	82lpm / 21gpm	100lpm / 26gpm	157lpm 41gpm to 200lpm / 53gpm
Hydraulic pressure required	207bar / 3000psi	207bar / 3000psi	207bar / 3000psi
Operating depth	3000m / 9842ft	3000m / 9842ft	3000m / 9842ft
Available suction at inlet	100kpa	80kpa plus	42kpa plus
Optional Jetter nozzle water pressure	5.5bar / 80psi	5.5bar / 80psi	5.1bar / 75psi
Weight of system in air		1050kg / 2315lbs	
Weight of system in water			