

SP12000 Controlled Flow Excavation Tool



Deployed over a vessel side and operated remotely from its deck, the SP12000 works by producing a controllable column of water, the pressure of which effectively excavates the seabed.

The SP12000 is the most powerful CFE tool available on the market, making it ideal for large scale excavations and large diameter pipeline trenching. It is fully controllable and is also capable of smaller scale precision excavating.

The SP12000 is deployed using a crane or A-Frame and is powered via high pressure hoses. Clump weights or tugger wires are used to orientate and stabilise the tool whilst it is operational.

Applications

- Pipeline and cable trenching
- Decommissioning and salvage
- Deburial for IRM works
- Rock dump dispersal
- Drill cuttings dispersal
- Free span rectifications
- Seabed clearance and preparation

Soils

- Sand and gravel
- Rock dump
- Silt and mud
- Clays up to 50kPa shear strength (up to 300kPa with auxillary jets)
- Drill cuttings

SP12000	
Max Flow Volume	11,500 l/sec
Max Flow Velocity	10 m/sec
Water Depths	4 - 300 mtr
Weight	8,000kg
Dimensions	2.4 mtr L x 2.4 mtr W x 2.5 mtr H

Spares Container	6.3 mtr L x 2.4 mtr W x 2.6 mtr H / 8,000kg
Hydraulic Hose Reel	3.0 mtr L x 2.4 mtr W x 2.6 mtr H / 10,000kg
HPU	6.3 mtr L x 2.4 mtr W x 2.6 mtr H / 14,500kg