

SP6000 Controlled Flow Excavation Tool



Deployed over a vessel side and operated remotely from its deck, the SP6000 works by producing a controllable column of water, the pressure of which effectively excavates the seabed.

This eliminates the risks associated with physical contact, especially around complex subsea assets. By employing real-time sonar monitoring, the SP6000 enables precision excavation both within constrained areas and over long distances.

The SP6000 can be deployed with a dedicated LARS or using a crane or a-frame and is powered via a deck mounted power pack.

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 35kPa shear strength (up to 300kPa with auxillary jets)
- Drill cuttings

SP6000	
Max Flow Volume	6,000 l/sec
Max Flow Velocity	8 m/sec
Water Depths	3 - 300 mtr (3 - 175mtr with LARS)
Weight	4,600kg
Dimensions	1.9 mtr L x 1.9mtr W x 2.0 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 / 7,000kg
HPU	3.8 mtr L x 1.9 mtr W x 2.3 mtr H / 6,000kg
LARS (optional)	6.7 mtr L x 2.4 mtr W x 3.2 mtr H / 12,500kg