

# T4000A Combined Mass Flow/Jetting Excavation Tool



The T4000A excavation tool generates a large volume column of water which travels vertically down to the seabed at a velocity of up to 10m per second. In addition, a high velocity jet of water, located in the centre of the mass flow column facilitates the cutting of hard soils.

Working at depths from 5m, the tool can generate up to 4m<sup>3</sup> of water per second. The high volume flow of water fluidises the seabed and disperses the soil rapidly. The patented shape and counter rotating impellers of the T4000A provide controlled flow excavation combining a non-contact method with a remote control real-time sonar system and gyroscopic stability. The patented high pressure jet adds an additional max flow of 4,000gpm at up to 5 bar pressure.

## 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 130kPa shear strength
- Drill cuttings

T4000A	
Max Flow Volume	4,000 l/sec
Max Flow Velocity	10 m/sec
Water Depths	5- 300 mtr
Weight	5,750kg
Dimensions	3.6 mtr L x 1.7 mtr W x 3.9 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 / 14,000kg

