



# T4000

## Mass flow excavation tool



**The T4000 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.**

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 T4000 provide controlled flow excavation combining a non-contact method with a remote control real-time sonar system and gyroscopic stability.

### 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 200+kPa shear strength
- Drill cuttings

## Technical specification

T4000	Metric
Max flow volume	4,000 l/s
Max flow velocity	10 m/s
Water depths	5m - 300m*

\*Can be paired with an underwater power pack to increase depth to 3,000m



Weights and dimensions	Length (m)	Width (m)	Height (m)	Weight (kg)
T4000	3.6	1.7	3.9	5,500
Spares container	6.3	2.4	2.6	8,000
Hydraulic hose reel	2.4	2.1	2.6	7,000
Hydraulic power unit	3.8	1.9	2.3	6,000