



Twin T8000

Mass flow excavation tool



The Twin T8000 excavation tool generates two large volume columns of water which travel vertically down to the seabed at a velocity of up to 8m per second.

Working at depths from 7m, the tool can generate up to 16,000 litres 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 Twin T8000 provide controlled flow excavation combining a non-contact method with a remote control real-time sonar system and gyroscopic stability.

Applications

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

Soils

- Sand & gravel
- Rock dump
- Silt & mud
- Clays up to 200+kPa shear strength
- Drill cuttings

Technical specification

Twin T8000

Metric

Max flow volume	16,000 l/s
Max flow velocity	8 m/s
Water depths	7m - 300m



Weights and dimensions

	Length (m)	Width (m)	Height (m)	Weight (kg)
Twin T8000	5.4	2.4	5.1	17,000
Spares container	6.3	2.4	2.6	8,000
Hydraulic hose reel (x2)	3.0	2.4	2.6	12,500
Hydraulic power unit (x2)	6.3	2.4	2.6	14,000