



JetFlow 100

Improve excavation efficiency and deliver cost savings with JetFlow 100

The JetFlow 100 controlled flow excavation system cuts through tough soils and clays with up to 100 kPa of pressure – without the requirement for additional jetting equipment.

Perfect for seabed conditions with higher soil shear strength, JetFlow 100 enhances operational efficiency and reduces deck spread complexity.

This dual-function tool also complies with DNV2.7-3 subsea lifting standards and has a compact footprint.

JetFlow 100 is suitable for a wide range of CFE applications including pipeline and cable trenching, backfilling, de-burial of cables, pipelines and subsea assets, seabed preparation and pre-installation excavations, free-span rectification, and decommissioning excavations.

Easily remove stubborn, high shear strength soils safely and quickly with JetFlow 100.

JetFlow 100 technical specifications

JetFlow 100	Mass flow nozzle	High velocity nozzle	
Water depth	-6 ft 6 in to 1000 ft		
Mass flow nozzle exit pressure	88 kPa	High velocity nozzle exit pressure	213 kPa
Max flow volume	1060 US gal/sec	Max flow volume	400 US gal/sec
Max flow velocity	33 ft/s	Max flow velocity	46 ft/s
Soil strength (undrained shear strength)	Up to 50 kPa shear strength in standard format	Soil strength (undrained shear strength)	Up to 100 kPa shear strength in standard format
Weight	16,500 lbs		
Dimensions	16 ft x 6 ft 2 in x 7 ft 2 in (LxWxH)		

Designed, tested and built in-house by James Fisher

Advanced capabilities

- Cuts through soils/clays and provides mass flow excavation in one pass
- Next-generation hybrid subsea excavation with dual functionality performance
- Compact deck footprint in comparison with conventional CFE solutions

