

# 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                              | -2 m to 305 m                                  |  |   |
| Mass flow nozzle exit pressure           | 88 kPa   | High velocity nozzle exit pressure       | 213 kPa   |
| Max flow volume                          | 4012 l/sec                                     | Max flow volume                          | 1514 l/sec                                      |
| Max flow velocity                        | 10 m/sec                                       | Max flow velocity                        | 14 m/sec  |
| 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                                   | 7485 kg  |  |   |
| Dimensions                               | 4.8 m x 1.9 m x 2.2 m (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

