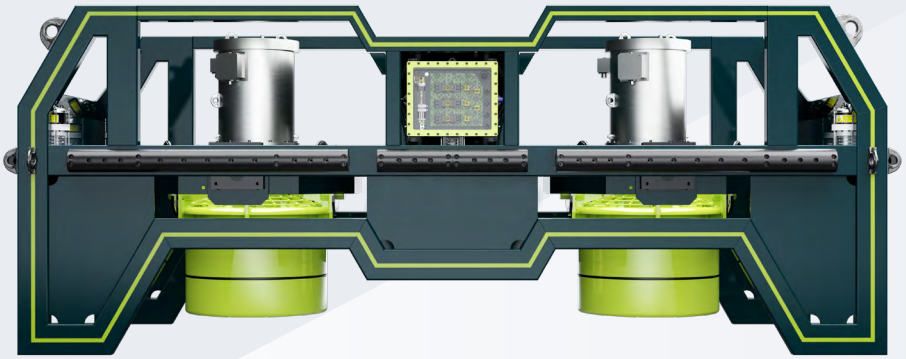
Product datasheet

# SEAJET



The SEAJET E-CFE® is designed for a variety of seabed applications and soil conditions, operating effectively in shallow to deep water. Its all-electric, high-performance architecture ensures optimal performance without compromise.

With a 400kW all-electric twin tool arrangement, SEAJET provides a step change in power, performance, efficiency, and versatility in both shallow water and deep-water (1.5 to 2,500m) excavation and trenching applications.

E-CFE® is a non-contact form of subsea trenching and excavation applicable across the full life-cycle of an offshore energy project from pre-construction, construction, inspection, repair and maintenance through to final decommissioning. Our powerful technology can be utilised across multiple seabed applications and soil conditions and provides 50% more power than existing hydraulic CFE technology.

**“ There is no doubt that the SEAJET is a very powerful tool, and we are extremely impressed with the burial results from this campaign. The environmental benefits of the SEAJET were greatly appreciated and the team were highly skilled and professional in successfully delivering the project for us.”**

**Geir Korstad,** Project Manager at Nexans

## Subsea applications

Pipeline and cable trenching (including live assets)

Backfilling of existing trenches

Freespan rectification of existing assets

Sandwave remediation

Seabed preparation

Shallow water/shore approach excavations

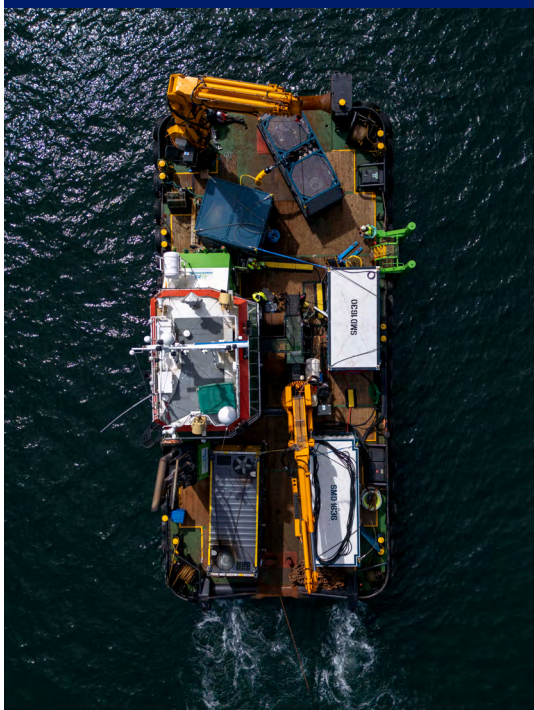
De-burial excavations for Inspection, Maintenance & Repair (IMR)

Rock dump dispersal

Decommissioning and salvage excavation

Harbour clearances/ channel deepening

Please check exact specifications with your local representative when ordering.



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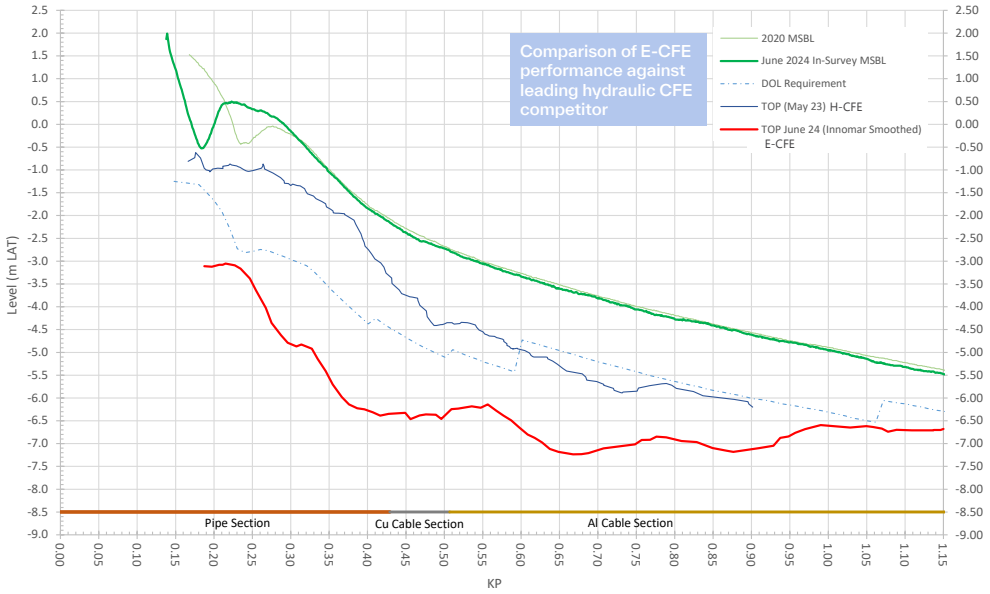
# SEAJET

## E-CFE VS H-CFE SYSTEM PERFORMANCE




Metric | International standard

| Description | External dimensions (LxWxH - mm) | Weight (kgs) |
|---|---|---|
| **SEAJET** | 2,000 x 5,200 x 2,300 | 9,500 |
| **Umbilical winch** | 3,200 x 2,800 x 2,800 | 8,400 |
| **Tugger winch** | 2,700 x 1,600 x 2,100 | 2,600 (each) |
| **Control cabin** | 2,438 x 4,877 x 2,896 | 10,000 |
| **Power cabin** | 2,438 x 6,058 x 2,896 | 12,600 |
| **Spares container** | 2,438 x 6,058 x 2,896 | 14,000 |
| **Umbilical chute** | 3,100 x 700 x 1,300 | 360 |
| **Open top container** | 2,438 x 6,058 x 2,591 | 3,860 |

### Can't find what you are looking for?

Contact our global sales team at **sales@oegrenewables.com** or visit our website to find your regional representative at **www.oeg.group**

## Key features

50% more power than existing hydraulic CFE technology

Major reduction in $CO_2$ emissions

No risk to marine environment from high pressure hydraulic oil spills

Negligible noise pollution when operational

Significantly increased vessel back deck safety during operations

Optimised system performance with surface and subsea diagnosis and datalogging

Dramatic increase in project operation uptime and reliability

One lightweight umbilical for all system power, controls and survey packages

Full power available, regardless of water depth

## Operating parameters

Water depth operability: 1.5m to 2,500m

Maximum flow volume: 6,000 L/s

Maximum flow velocity: 10m/s at 3m from nozzle outlet

Pressure at nozzle outlet: 7.5psi (at full flow)

Cuts soils up to 50kPa @ 3m as standard, and 200kPa+ with high pressure jetting