

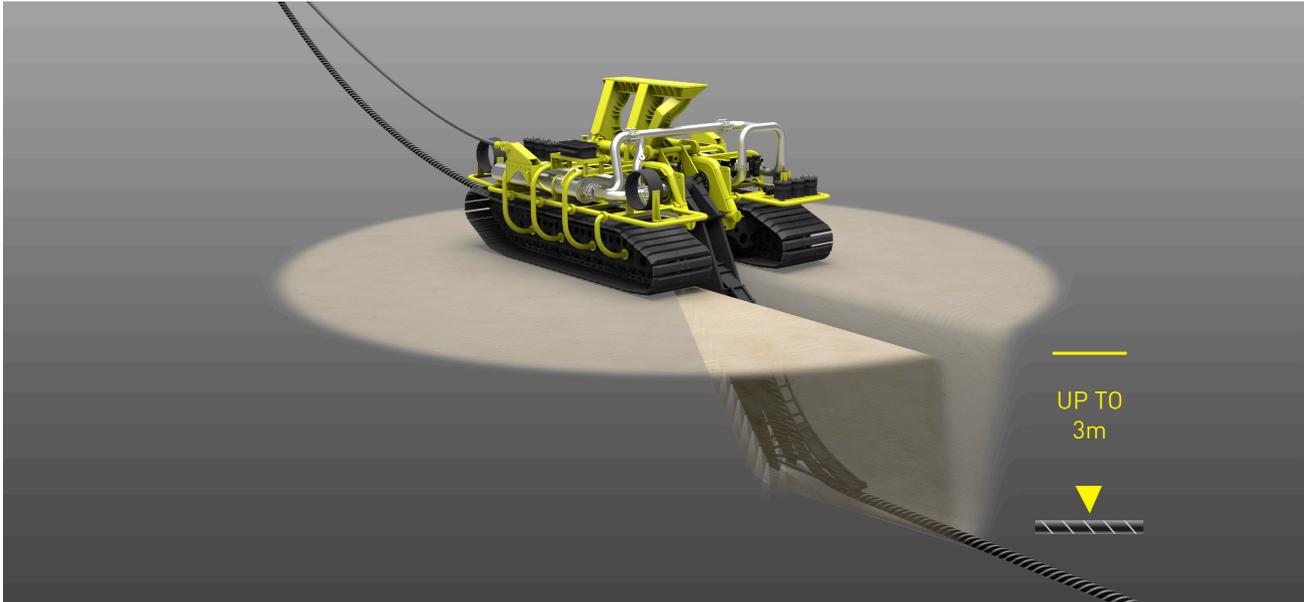


FEATURES

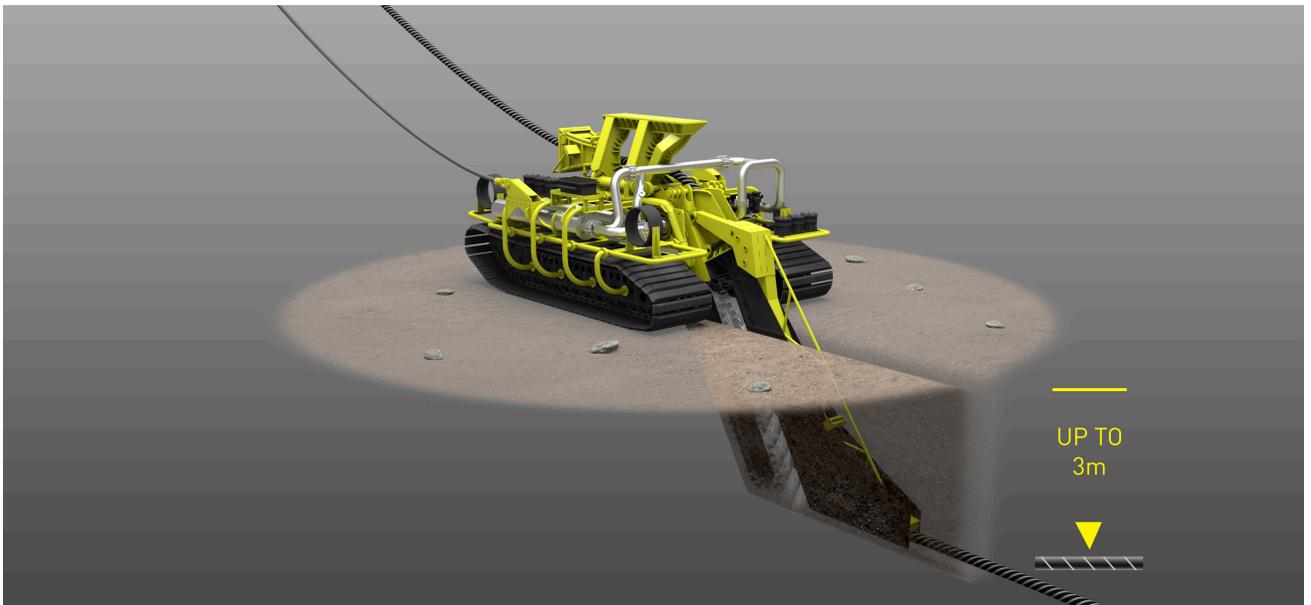
- Interchangeable tools: jet sword, chain cutter and disc cutter for trenching through a wide range of soil
- Simultaneous lay and trenching
- Post-lay and remedial trenching
- Capability to operate on beach and through surf zone
- Self-supporting spread; can be installed on various vessels or pontoons
- Built-in depressor to ensure product is buried at required depth
- Heading control for accurate steering and alignment
- Low ground pressure due to optimized track surface
- Combined power and fibre optics via single umbilical
- Operation from one central control room
- Extensive real-time monitoring and control system, including route, speed, performance and burial depth
- Profiling sonars, obstacle avoidance sonars, pan & tilt colour cameras, USBL transponders, Rovins INS, bathy/alti/ conductivity & temperature sensor

MAIN DATA

Supported products	Umbilicals, infield cables, export cables, interconnectors and flexibles up to $\varnothing 280$ mm, MBR up to 3.6 m
Trench depths	3,0 m
Soils	Silts, sands, clays and rock
Length carriage	7.2 m
Width carriage	6.0 m
Height carriage	4.0 m
Weights	Depending on configuration: Jetting config. 47-51 t (air), 39-42 t (submerged) Chain cutting config. 61-65 t (air), 50-53 t (submerged)
Ground pressure	Depending on config.: 19 to 23 kPa
Total installed power	1,200 kW
Jet performance, option:	
2 pumps + 1 redundant	980 m ³ /hr at 10.9 bar
3 pumps	1,440 m ³ /hr at 11.3 bar
Trenching speed	Depending on soil conditions and configuration: up to 10 m/min
Traction	Depending on soil conditions: up to 200 kN traction force
Water depth	Up to 400 m
Seabed slope	15° pitch, 10° roll



TRENCHFORMER IN JETTING CONFIGURATION



TRENCHFORMER IN CHAIN CUTTING CONFIGURATION