

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
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Trench depths	3,0 m
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Soils	Silts, sands, clays and rock
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Length carriage	7.2 m
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Width carriage	6.0 m
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Height carriage	4.0 m
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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
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Total installed power	1,200 kW
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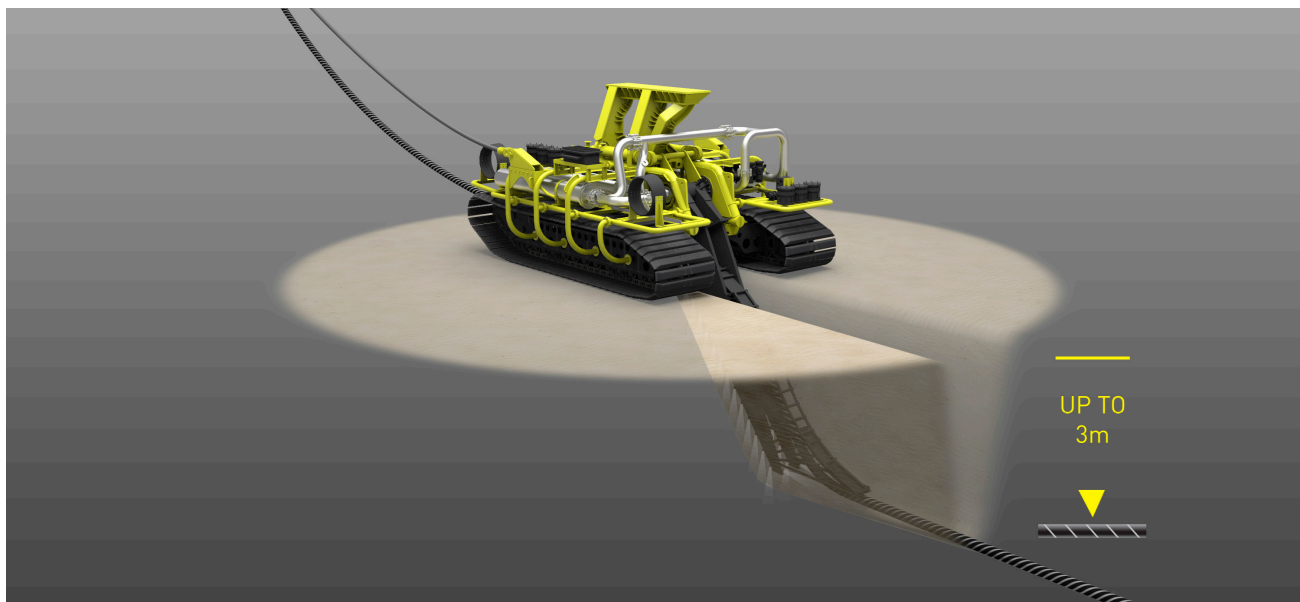
Jet performance, option:	
2 pumps + 1 redundant	980 m ³ /hr at 10.9 bar
3 pumps	1,440 m ³ /hr at 11.3 bar

Trenching speed	Depending on soil conditions and configuration: up to 10 m/min
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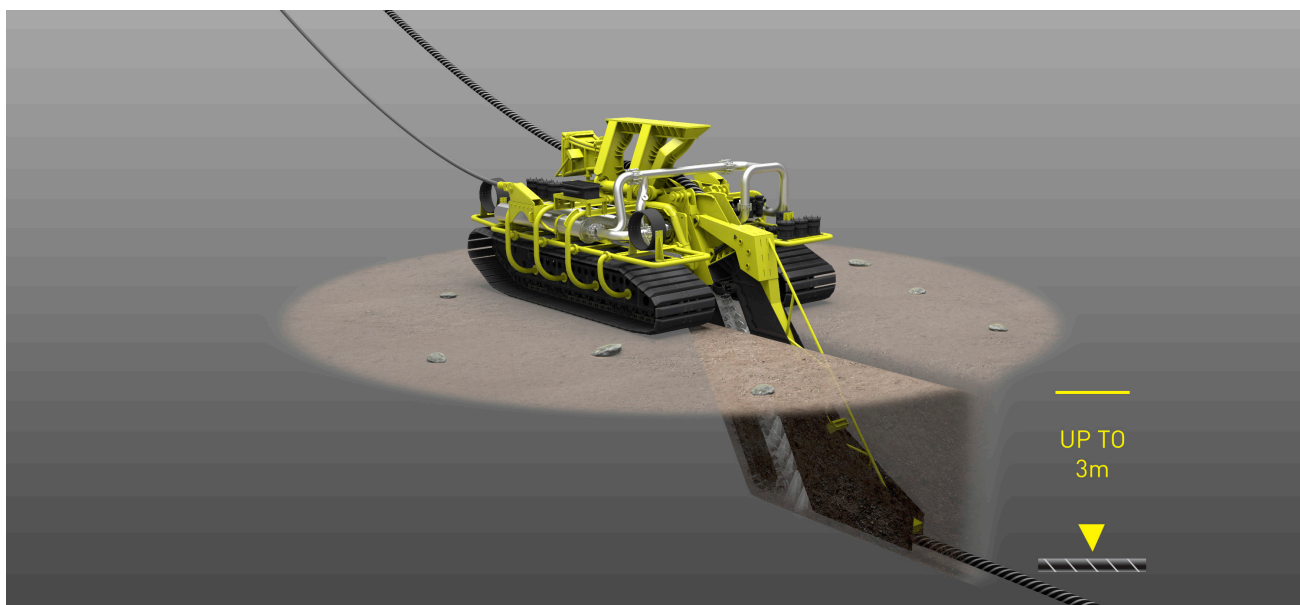
Traction	Depending on soil conditions: up to 200 kN traction force
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Water depth	Up to 400 m
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Seabed slope	15° pitch, 10° roll
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TRENCHFORMER IN JETTING CONFIGURATION



TRENCHFORMER IN CHAIN CUTTING CONFIGURATION