

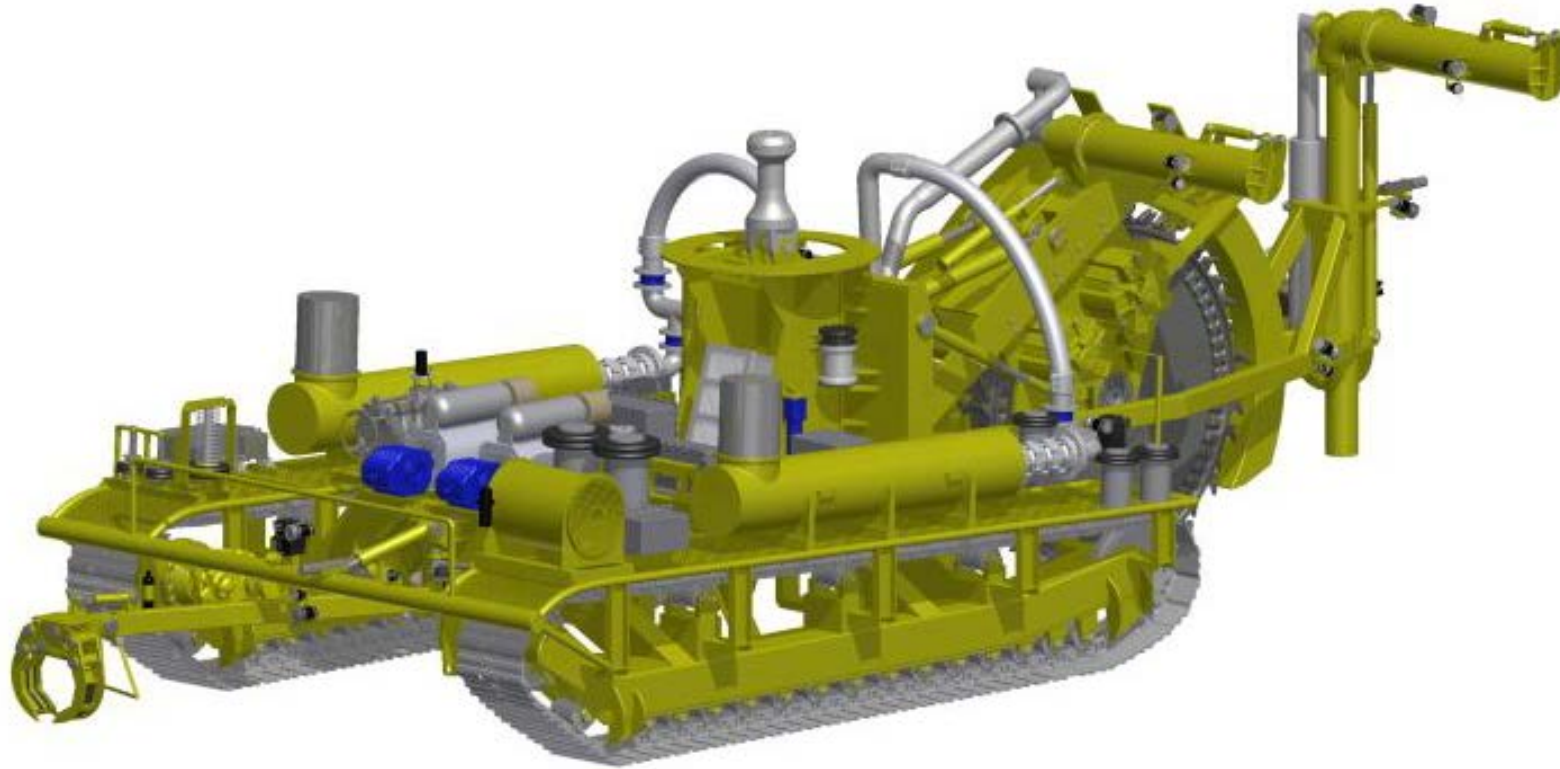
AssoTrencher IV Mk6

Mechanical Trencher

AssoTrencher IV Mk6 is built for the purpose of executing burial works in soils and conditions where three factors co-exist;

- Very hard soils,
- Uneven territories
- Limited slack available to the cable(s).

Its unique design and method of operation, enables the loading and securing of heavy cables on the vehicle, without reducing its' ability to maneuver or perform effectively the trenching operation. AssoTrencher IV Mk6 as the entire "AssoTrencher" family vehicle, uses high end technology to show the operator and record all crucial information necessary to accumulate the condition of the vehicle and the cable. Although its' long dimensions, AssoTrencher IV Mk6 is able to maneuver effectively in rough territories and to withstand the extraordinary shear forces and tensions resulting from trenching in areas full of rocks and boulders. Different tooling options is a new feature of this vehicle to enable burial to increased burial depth requirements



AssoTrencher IV Mk6

MechanicalTrencher

Specifications

Length	12.30m
Breadth	4.58m
Height	4.30m
Weight	28Te
Depth rating	400 m
Max. Soil Shear Strength	50MPa
Max. Seafloor Gradient	±15 deg (pitch & roll)
Max. Product Diameter	280mm
Max. Trenching Depth	1.5m (wheel), 2.6m (cutting chain)

Key Features

- Diver-less cable loading.
- Operates on uneven territories.
- Trench at very hard seabed soil.
- Deep-water burial.
- Load on trencher cable with limited slack.
- Ability to carry the latest survey instruments.
- Wide variety of accessories
- In-house design
- Dead-sub automatic release of product
- Power Management System for optimal performance

Performance

- 2x150kW/3.3kV electric motors driving the trenching tool & hydraulics
- 2x150kW/3.3kV electric motors to drive the two HP water pumps

Trenching System

- 2.6m diameter cutting wheel;
- Bottom loading system with monitoring to allow for safe handling of product
- Eductor suction system of 250mm diameter, fitted on the back of the vehicle to remove backfill material.
- (Option) Cutting Chain for up to 2.6m burial depth

Tool Options

- **Cutting Wheel** – Used in very hard soils (rock, hard clay, cemented soil)
 - Diameter: 2.60m
 - Burial Depth: 1.50m
- **Cutting Chain** – Used in hard soil (hard clay)
 - Length: 3.70m
 - Burial Depth: 2.60m

Sensor Equipment

Up to 8x low light cameras

Up to 12x LED high intensity fully dimmable lights

Up to 5x electric pan/tilt units

Up to 4x imaging or profiling sonar

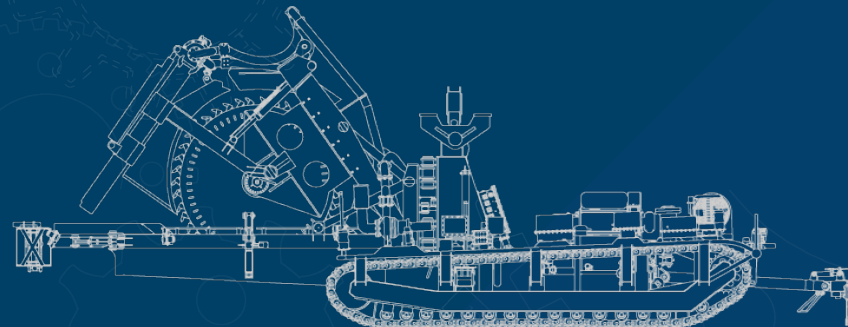
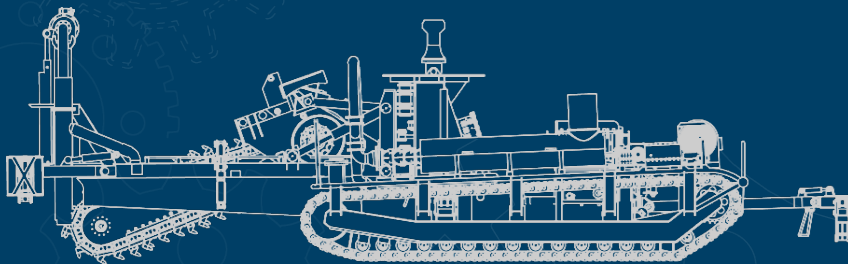
1x Blueview 2D Multi-beam sonar

1x Digiquartz depth sensor

1x C-100 Magnetic Compass

1x CDL TOGS/NAV FOG

Cable Tracker TSS 350/440 available



Contact Information

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Membership - Accreditations



Disclaimer

The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement. Specifications are subject to change without any prior notification.