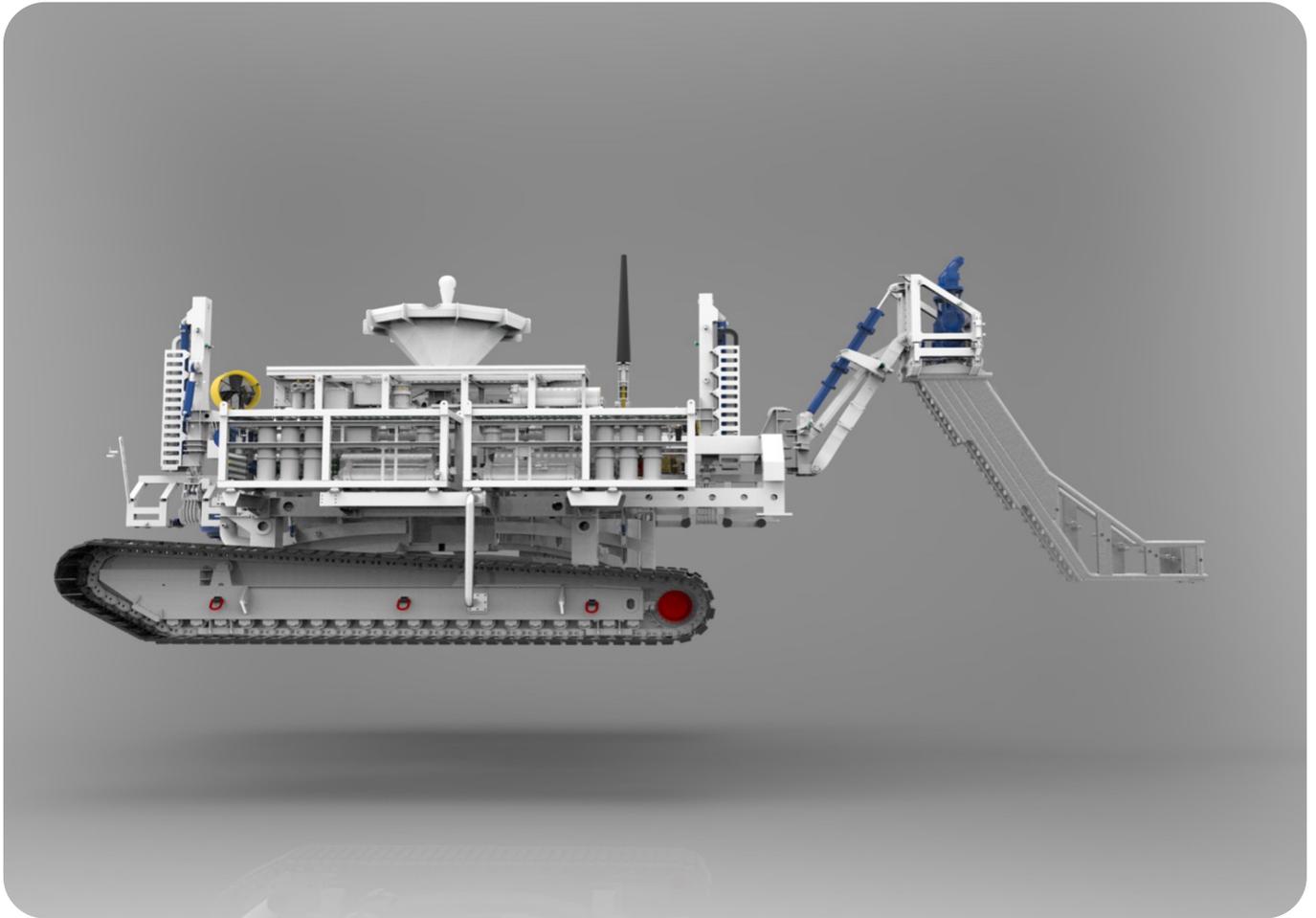


SEAREX

BURIAL TOOL



The SeaRex is a multimode tracked trencher that can operate as a pre-lay or post lay and burial system comprising of four cassettes. A pre lay jetting cassette, a pre lay chain cutting cassette, a pre/post chain cutter and a pre/post wheel cutting cassette.

SeaRex in jetting configuration can cut a trench of up to 3m and in mechanical cutting configuration a trench of up to 2.5m. SeaRex utilizes fore and aft cable handling/lifting and roller assemblies for subsea loading.

TECHNICAL SPECIFICATIONS CHAIN CUTTER



DESCRIPTION

Chain cutting will enable SeaRex to cut a variable trench up to 2.5 m deep in soils up to 10 MPa @ a maximum of 145 m/hr. Within the chain cutting cassette will be included an integral boom jetting element giving up to 100 kPa with speeds ranging from 180 to 300 m/hr. Note. Speeds are dependent on soil conditions.

Sea Rex will also come equipped with a rear twin jetting sword assembly with optional depressor bars (removable) or rear mounted educator tool, both options are fed by HP pumps mounted on vehicle.

KEY FEATURES

- 4 m cable MBR
- Diverless subsea cable loading and unloading
- Fore and Aft feelers for cable tracking
- Jetting up to 850 m³/hr @ Nominal 10bar
- Comprehensive instrumentation and Surveillance system to meet project requirements
- Variable Burial Depth
- Emergency cable unloading system
- Dedicated Launch and Recovery System

All performance figures quoted are nominal, actual performance is dependent on environmental conditions prevailing at the time of operations.

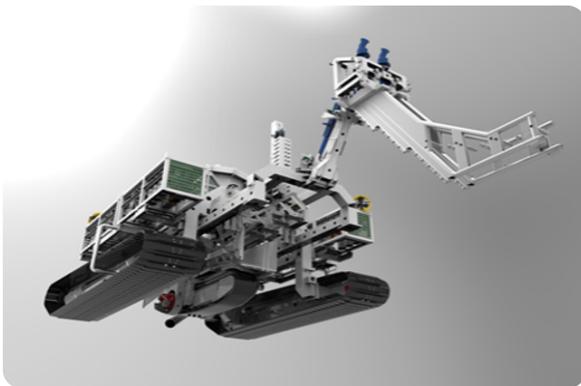
GENERAL

Depth Rating	1000 m
Dimensions (LxWxH)	14.9 m x 7.7 m x 5.5 m
Weight in air	85 tons
Submerged weight	75 tons

CHAIN CUTTING SYSTEM

Chain Make Up	Point attack picks, chisel picks or combination of both dependent on seabed
Vehicle Power	1600 kW
Trench	Maximum - 2500 mm with 4 m MBR
Chain Speed	0-3 m/s
Chain Width	500mm - 700mm dependent on mode

TECHNICAL SPECIFICATIONS WHEEL CUTTER



DESCRIPTION

Wheel Cutter will enable SeaRex to cut a variable trench up to 1.2 m deep in soils up to 50 MPa @ a maximum of 300 m/hr. Note. Speeds are dependent on soil conditions. SeaRex will also be fitted with a rear jetting shoe or rear mounted eductor for trench clearance with optional depressor bars that will lie within the cut trench.

In wheel cutter mode a 600 mm wide steel track system will fitted to provide greater traction.

KEY FEATURES

- 4 m cable MBR
- Diverless subsea cable loading and unloading
- Fore and Aft feelers for cable tracking
- Dedicated Launch and Recovery System
- Comprehensive instrumentation and surveillance system to meet project requirements
- Dual 10bar water pumps using a venturi system to remove spoil from the cut trench
- Variable Burial Depth
- ROV emergency cable unloading system
- Jetting up to 850 m³/hr @ Nominal 10bar

All performance figures quoted are nominal, actual performance is dependent on environmental conditions prevailing at the time of operations.

GENERAL

Depth Rating	1000m
Dimensions (LxWxH)	14.9 m x 7.7 m x 5.5 m
Weight in air	87 tons
Submerged weight	77 tons

WHEEL CUTTING SYSTEM

Chain Make Up	Point attack picks
Trench Depth	Maximum - 1200 mm with 4 m MBR
Wheel Speed	0 – 2.2 m/s (in high torque) - TBC
Wheel Width	450 mm