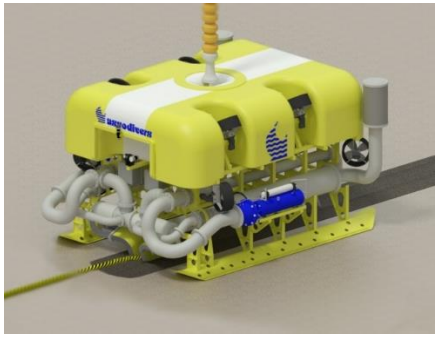
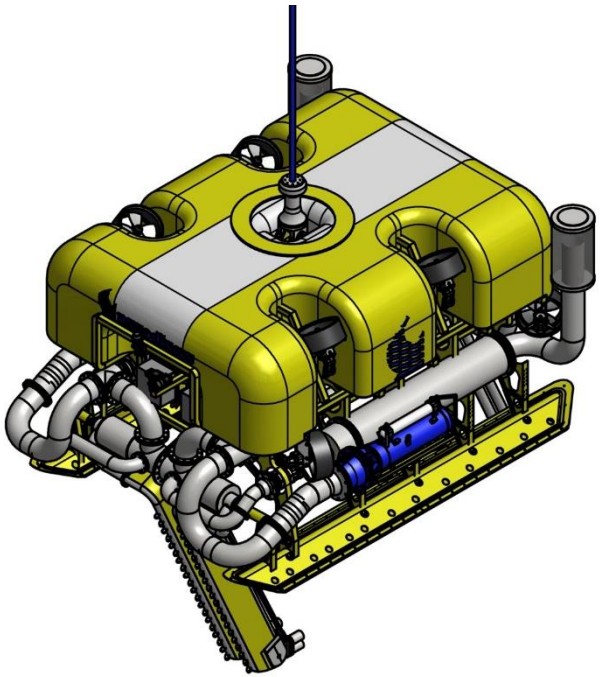
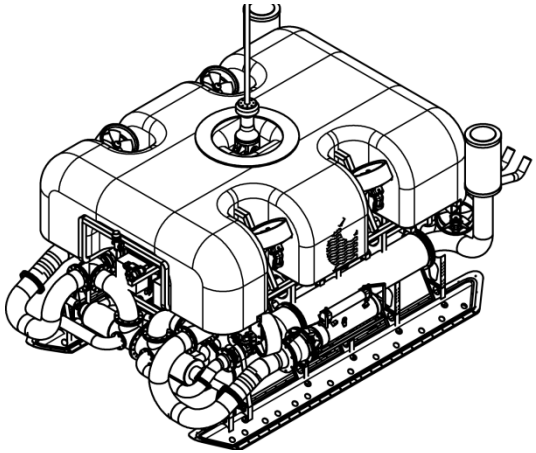
ASSOJET III – 1.3 MW



Type	Soft Soil Underwater Trencher
Excavation Method	Post-Lay Jetting
Configuration	Skids or Tracks as Option
Additional Features	ROV Surveillance mode
Max Soil Shear Strength/kPa	120 kPa
Max Seafloor Gradient	20
Max Operational Depth	3000m
Max product OD	900mm
Jetting power	1300kW
Max sea state	WMO6
LARS System	Yes
Utility type	FOC, Umbilicals, Power cables

- Vehicle has been designed around the selected high performance water pumps for maximum power and distribution of weight
- 2x260Kw/3.3KV electric motors driving the two HP water pumps
- 2x260KW/3.3KV electric motors to drive the two LP water pumps
- 1x260KW/3.3KV motor to drive the hydraulic pumps for the thrusters and the auxiliary hydraulic circuits;





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assodivers underwater contractors

ASSOJET III – 1.3 MW

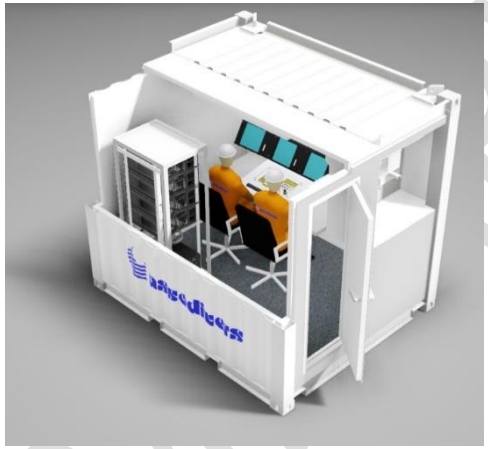
Features

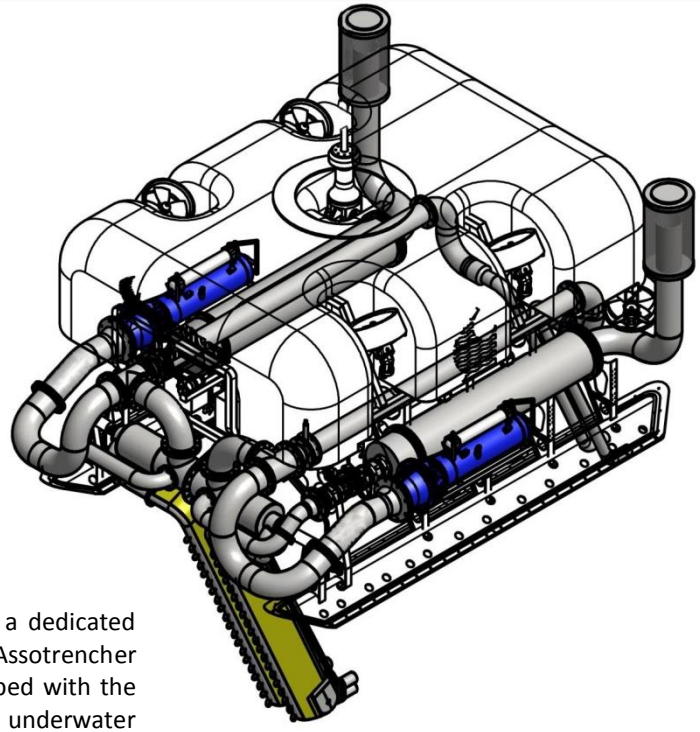
- More than 1MW of available water pump power delivered to the jetting swords.
- Lightweight vehicle able to fly to the required work area.
- Experience utilized from the operation of Assotrencher VII, AssoJet I, AssoJet II and Venom with extensive track record in burial of flexible products.
- Advanced Medium Voltage, frequency regulated power fields to allow for full control and protect the MV motors.
- Active Heave Compensated (AHC) umbilical winch with render function to be able to work in increased weather conditions sea states

Sensor equipment

The following sensors and accessories can be provided.

- Up to 12 x low light cameras
- Up to 12 x LED high intensity fully dimmable lights
- Up to 4 x electric pan/tilt units
- Up to 4 x imaging or profiling sonar
- 1 x 2D Blueview multibeam sonar
- Capability for MBES
- 1 x Digiquartz depth sensor
- 1 x C-100 Magnetic compass
- 1 x CDL TOGS/NAV FOG
- Cable tracker TSS 350 or TSS 440 available
- 1 x HCV 100 cable cutter 10-100mm is available





Control and monitoring of the system will be achieved in a dedicated control room. Any of the standard control rooms of the Assotrencher series vehicles can be used since the system will be equipped with the tailor made control circuits of ASDG controlling all the underwater vehicles of the Company.

The above option allows for installation of the vehicle in any of the vessels of ASDG in order take advantage of the in-built control room that some of the vessels have installed.

Complete system remote monitoring and recording capabilities installed on the system including not only underwater vehicle data but performance data from PDUs and GenSets.

LAN integrated with the vessel to allow remote troubleshooting from ASDG HomeBase.

Memberships & Accreditations