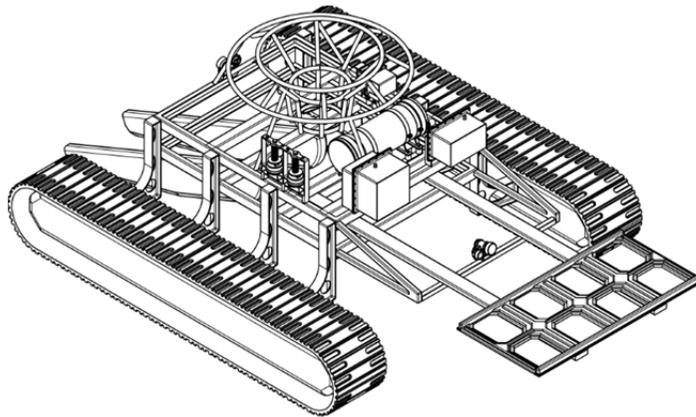
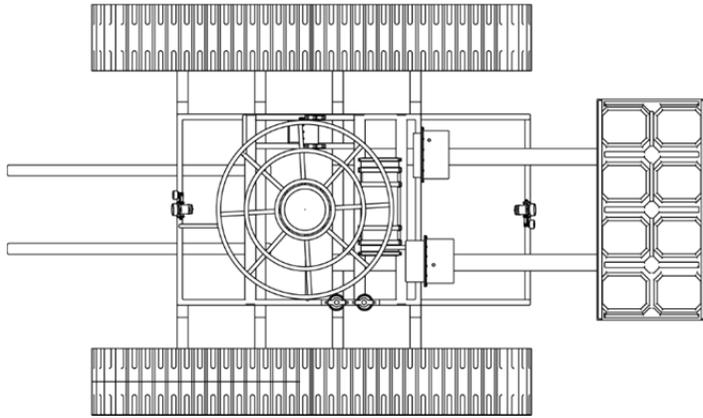


# ASSOJET II



## POWER OPTIONS

This vehicle has been designed to allow for two different powering scenarios. One includes the installation of onboard powering units and water pumps utilizing 3000V electric motors and a special umbilical to transmit the power to the vehicle.

Another power option includes the transmittal of the necessary hydraulic and water power through short special umbilicals, with the installation of the diesel-hydraulic and diesel-water pumps on a small autonomous control pontoon. This option is very useful in low operational depths where a support vessel cannot approach. All necessary control equipment, in this case, is installed on the pontoon while the pontoon itself is attached and being towed by the vehicle.

## CONTROL ROOM

Various options are available for the size and installation of the control container. Any control containers for the Assotrencher and Assojet series vehicles can be used.



## SOFT SOIL TRENCHER / JETTING VEHICLE

*In 2008 Assodivers Ltd. designed and built Assojet II to replace 'Assotrencher VI' successful jetting vehicle. Its innovative design allows the vehicle to operate in territories and conditions where the previous model experienced difficulties during jetting operations.*

*Major improvements on the vehicle include its low weight to power ratio to increase its ability to work in no-stable soils, its rubber caterpillars enabling operation in uneven terrains, and its new jetting sword system proven to be more effective in burring cables to required burial depth.*

*Control and monitoring equipment are installed in a compact container unit while powering of the vehicle can be achieved by either onboard or outboard methods depending on the operational depth of the project. User friendly interfaces are installed, and data and video surveillance can be recorded in real time.*

## SPECIFICATIONS

Length:	4.2 m
Breadth:	3.5 m
Height:	2.0 m
Weight:	4000 Kg
Depth rating:	150m

## TOOL OPTIONS

### Jetting Swords

Used in loose sediment soils  
(Sand, Soft Clay)

Length:	1.0 or 2.0 m
Weight:	100 ka

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Inside this control room all the necessary controls, monitors (video and VGA), recording devices and powering arrangements are installed, while uplink outputs are available for the connection of the control room to the remote viewing stations on the support vessel.

Monitoring of the vehicle and recording is done from PC-based software with graphic user-friendly display.

Back-up systems are also installed for handling emergency situations.

## POWER STATION

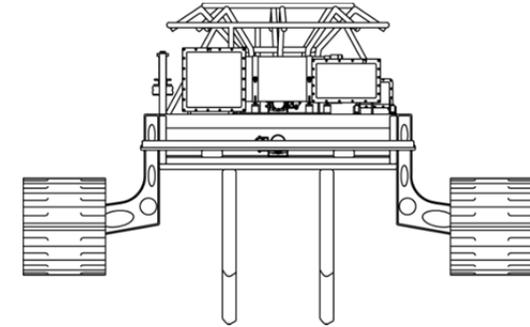
For the pontoon installation all power stations are installed on the control pontoon and directly monitored by the control room.

For deep water operations, a container fitted with the necessary medium voltage fields and the necessary safety measures for the powering of the vehicle is used and installed nearby the generating sets.

This container is remotely controlled and monitored from the control room container.

## SENSOR EQUIPMENT

- Tool and vehicle position measuring sensors
- Simrad/Mesotech scanning sonar
- Simrad/Mesotech profiling sonar
- 8 low light underwater cameras
- 2 Pan-Tilt camera modules
- Simrad Transponder/Responders
- Compass/Attitude sensors
- 6 Underwater lights
- Pressure monitoring system
- TSS 350/440 Cable Tracker (optional)



*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.*

### Memberships & Accreditations

