

# AssoJet III Mk1

Jetting Vehicle



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## Jetting ROV

The AssoJet III is the newest of the ASSO's jetting ROVs. It has been in-house designed & manufactured from the ground up incorporating all of the Group's past experience.

ASSO is proud to provide an advanced Medium Voltage, frequency regulated power fields which, in collaboration with Siemens, allow for cutting edge full control and protection of the vehicle's MV motors/functions.

Variable operational modes available to the vehicle depending upon operational needs whether that requires intervention, survey, repair support. Multiple swords provide for the flexibility necessary to cater for a wide variety of underwater operations.



## Specifications

Max. Length	6.1m
Max. Width	4.8m
Max. Height	3.2m
Max. Weight	25Te
Max. Depth of Jetting Swords	3.0 m
Max. Depth of Backfilling Swords	1.0m
Max. Soil Shear Strength	120 - 150kPa
Max. Seafloor Gradient	±15deg
Max. Operational Depth	1.500m
Max. Product OD capability up to	530mm 900mm
Jetting Power	1.300kW
Max. Sea State	WM06

## Key Features

- 1.3MW of jetting power
- 3.0m jetting swords depth capability
- 1.0m backfilling swords for material collapsing & jet backfilling
- Single eductor mode for cleaning/ intervention operations
- **Wide variety of accessories including:**
  - Jetting swords
  - Independent eductor system
  - Backfilling swords
  - Skids & tracks mode
- In house design
- State of the art design
- High sea state capability

## Performance

- 2 x 260kW / 3.3kV electric motors driving the two HP water pumps ( 700m<sup>3</sup>/h @ 20bar )
- 2 x 260 kW / 3.3kV electric motors to drive the two LP water pumps ( 2400m<sup>3</sup>/h @ 6bar )
- 1 x 260kW / 3.3kV motor to drive the hydraulic pumps for the thrusters and the auxiliary hydraulic circuits



## Propulsion System

- 4 x 480mm Horizontal thrusters: 2.000kg-F Forward, 1.700kg-F Aft, 1.800kg- F Lateral
- 4 x 480mm Vertical Thrusters: 2.000kg-F Lift up, 2.400kg - F pull Down

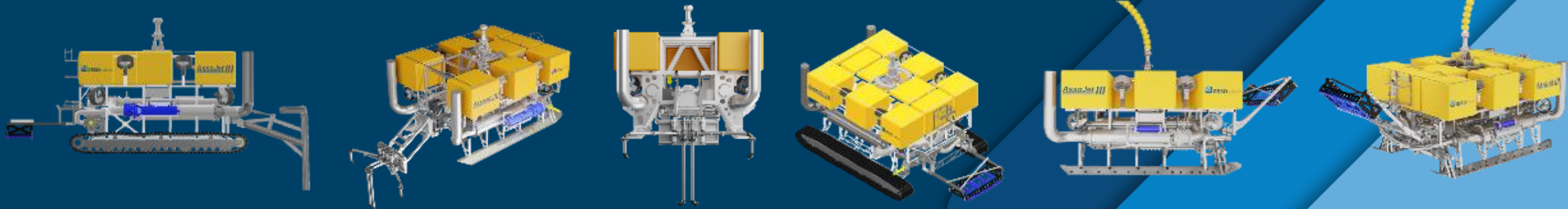


## Sensor Equipment

- Up to 8 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
- Up to 2 x Blueview 2D Multi-beam sonar
- 1 x Bathy sensor
- 1 x CDL TOGS/NAV FOG, Octans or Lodestar
- Cable Tracker TSS 350/440 available
- HCV 100 cable cutter available
- NORBIT dual head MBES available

## Vehicle Features

- In house design thrusters for max efficiency
- In house design hydraulic system
- In house design of water pumps & distribution system
- In house design of electrical power - distribution
- In house design of cameras, lights & telemetry architecture
- In house design of control system
- Strategically removable buoyancy blocks for fast easy access
- Fully adjustable sword usage/configuration according to needs



## 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.

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