

AGEOTEC

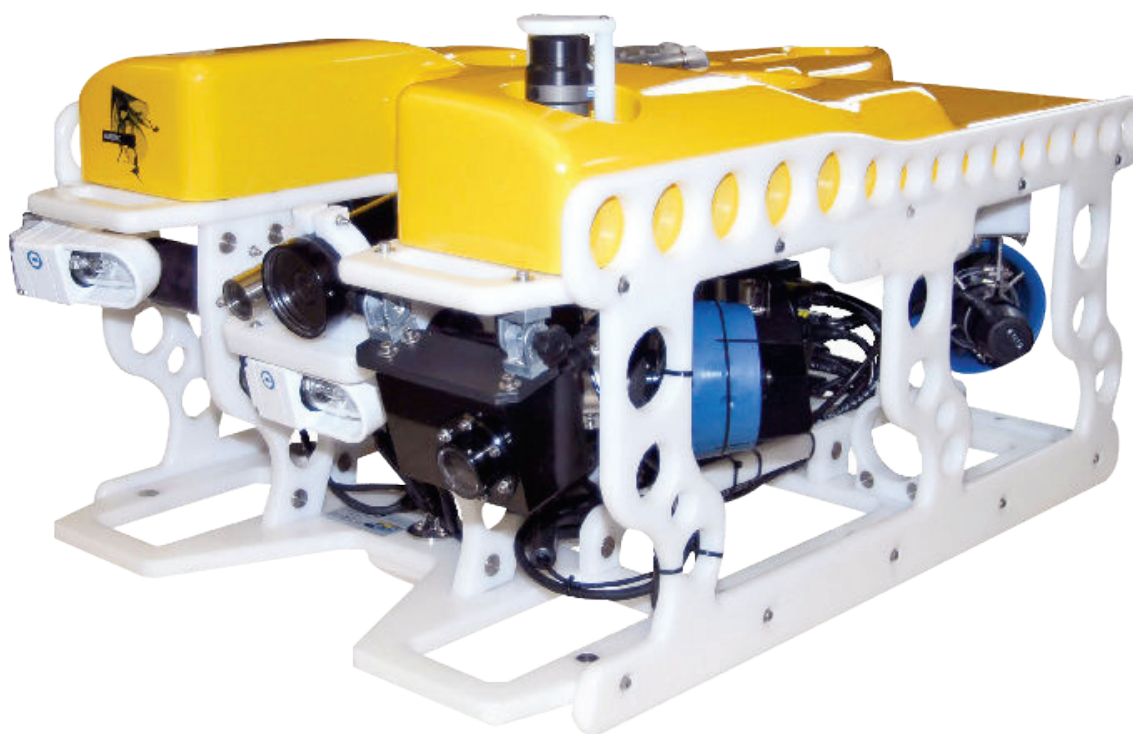
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CALZONI

Perseo

Class 2 - Visual and Instrumental Inspections ROV



KEY FEATURES

- Operating depth: 600 m
- Dimensions: 980x710x510 mm
- Weight: 80 kg
- Chassis: High Impact Resistant Maintenance Free Polyethylene
- High resolution B/W camera sensibility 0.05 LUX
- High resolution colour camera
- 4x Led lamps, 2000 lumen each
- Power requirements: 230÷400 VAC monophase or triphase 50÷60Hz 6 kW
- Payload: Adjustable between 8 kg and 15 kg

STRUCTURE/FRAME AND FITTING

Modular Chassis manufactured in high impact resistant Polyethylene, totally maintenance free and non-corroding. All chassis members can be easily replaced and any additional equipment may be bolted directly onto. Stainless steel load frame and lift points. Pressure housing manufactured in Anticorodal Aluminium 6060

OPERATING DEPTH

600 m (deeper available)

PROPULSION

2 vertical and 4 vectored DC brushless thrusters

- Downward thrust 22 kg
- Forward thrust 35 kg
- Lateral thrust 25 kg

CAMERA/ VIDEO/ LIGHTING

2 video-channels. High resolution cameras Colour 100 is standard as well black&white camera BW42. 4x Led lamps, 2000 lumen each. Tilt with feedback position displayed on pilot monitor is standard a joystick potentiometer providing an accurate tilt angle

INSTRUMENTATION

Optional Chatodic Protection Probe with values displayed on pilot monitor

NAVIGATION/ TRACKING

Flux-gate compass unit with solid state rate gyro sensor providing high azimuth stability; electronic depth sensor; standard auto-heading and Auto-depth functions

DEPLOYMENT SYSTEM

Optional LARS and TMS

SURFACE CONTROL UNIT

Pilot monitor and video-recorder are fitted in 12U Flightcase with the surface electronic control and power supply. AGEOTEC video overlay provides digital compass data, date & time, tilt icon position depth, CP Probe. Vehicle equipment data may be exported to clients's survey and navigation computer

VEHICLE POWER REQUIREMENTS

220 VAC single phase 50÷60 Hz 6 kW
400 VAC 3-phase 50÷60 Hz 6 kW

PAYLOAD

Adjustable between 8 kg and 15 kg

UMBILICAL

Ø 18 mm, n.4 Fibre Optic lines

BUOYANCY

Modular floating with apertures provided for sonar and acoustic positioning transponder

UNDERWATER TOOLS / MANIPULATOR

Optional multifunctional manipulator skid

OPTIONS

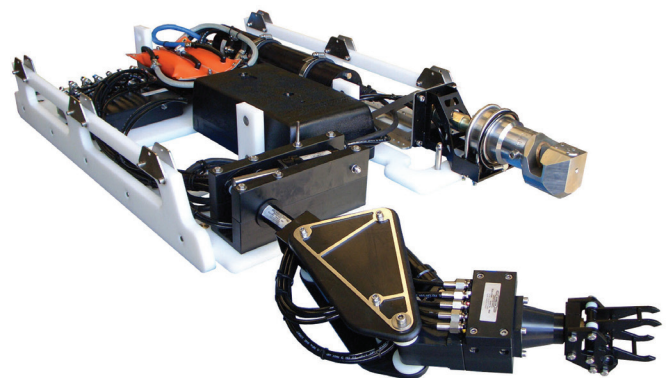
LARS (launch and recovery system)
TMS (tether management system)
ROV control cabin
SIT camera
Extra Colour or BW cameras
Scanning sonar system
Dual head profiler
Bathymetric system
CP Probe
Acoustic positioning system
Multifunction mini-manipulator
Spare kit
Technical training program

Custom configurations available on request

SYSTEM DIMENSIONS

	VEHICLE	15 U CONSOLE		WINCH
		w. cover	w/o cover	
Length (mm)	980	550	540	1590
Width (mm)	710	770	570	800
Depth (mm)	510	730	720	1100
Weight in Air (kg)	80.0	-	65.0	270/400*
F.O. Umbilical (m)	-	-	-	600

*winch chassis only / winch & umbilical



subject to change without notice*

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