

AGEOTEC

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CALZONI

# Sirio

ROV "Observer Class" for Visual Inspections



## KEY FEATURES

- Operating depth: 300 m
- Dimensions: 590x560x450 mm
- Weight: 40 kg
- Chassis: High Impact Resistant Maintenance Free Polyethylene
- Cameras: n° 1 Color
- Power requirements: 220 VAC single phase 50/60 Hz 3 kW
- Payload: 8 kg (up to 10 kg with optional buoyancy)

## STRUCTURE /FRAME AND FITTING

Modular Chassis manufactured in high impact resistant Polypropylene, totally maintenance-free and non-corroding. All chassis member can be easily replaced and any additional equipment may be bolted directly onto it. Pressure housings are in anticorodal aluminum 6060

## SURFACE CONTROL UNIT

Pilot monitor and video recorder are fitted in 12 U flightcase with surface electronic control and vehicle power supply

## CAMERA

The colour camera 700 TVL is fitted inside the electronic POD protected by an hemispherical PMMA high transparency dome

## POWER REQUIREMENTS

220 V AC single phase

## VIDEO-OVERLAY

The standard Ageotec video overlay provides: heading, date and time, tilt position, depth, CP probe data, navigation data

## PROPULSION

2 vertical oblique at 40° vectored and 2 horizontal vectored DC brushless thrusters

- Downward thrust 15 kg
- Forward thrust 16 kg
- Lateral Thrust 7 kg

## STANDARD FUNCTIONS

Autoheading and autodepth

## PAYLOAD

8 kg standard. Up to 10 kg with optional buoyancy modules

## BUOYANCY

n. 2 Encapsulated Polyurethane foam blocks

## OPTIONS:

- 2nd external camera
- Sonar
- Two functions electric manipulator
- Transponder installation kit
- Contact Cathodic Protection Probe installation kit

Custom configurations available on request

## SYSTEM DIMENSIONS

	VEHICLE	12 U CONSOLE		WINCH
		w. cover	w/o cover	
Length (mm)	590	550	540	696
Width (mm)	560	770	570	480
Depth (mm)	450	600	590	500
Weight in Air (kg)	38.5	-	65	32/60*
Umbilical (m)	-	-	-	250

\*winch chassis only / winch + 250 m umbilical



subject to change without notice\*

## Headquarters & Sales: LIGHTHOUSE SpA

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