

AGEOTEC

# ROV

powered by



CALZONI

## SIRIO

FOR VISUAL INSPECTIONS



## LYRA

FOR VISUAL & INSTRUMENTAL INSPECTIONS



300 m



## PERSEO

FOR VISUAL & INSTRUMENTAL INSPECTIONS

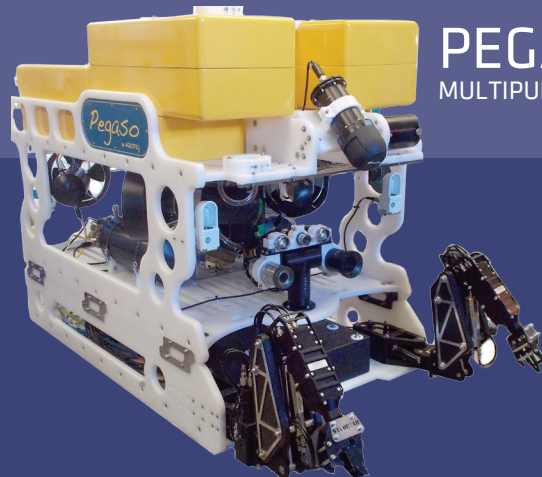
600 m

## PERSEO GTV

MULTIPURPOSE



1500 m



## PEGASO

MULTIPURPOSE

2000 m



DESIGNED FOR INSPECTION, SURVEY & LIGHT WORK



UNPARALLELED DEGREE OF CUSTOMIZATION



WIDE VARIETY OF TOOLS AVAILABLE WITH OPTIONAL SKID



EASY VEHICLE MAINTENANCE



COST EFFECTIVE & PORTABLE



HIGH SPEED GIGABIT INTERFACE TO SURFACE UNIT



3 HI-RES REAL TIME MULTIPLEXED CAMERAS



24/7 CUSTOMER SUPPORT

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Model	SIRIO	LYRA	PERSEO	PERSEO GTV	PEGASO
Class	Observer	Observer	Observer / Multipurpose	Multipurpose / Light Work	Light Work
Length (mm)	590	750	980	1300	1700
Width (mm)	560	600	710	950	1000
Height (mm)	475	520	560	660	1000
Payload (kg)	6 – 10	18-22	8 – 15	18 – 40	40 – 60
Depth rating (m)	300	300	600 (deeper available)	1500 (deeper available)	2000 (deeper available)
Thrust: Forward/ Downward/Lateral	16/15/7 kgf	20/11/11 kgf	35/22/25 kgf	70/48/50 kgf	140/100/90 kgf
Thruster configuration	2 horiz. 2 vert. vectored	2 horiz. 2 vert. oblique	4 horiz. vectored 2 vertical	4 horiz. vectored 2 vertical	4 horiz. vectored 2 vertical
Power requirements*	200-240 vac single-phase 3 kw	200-240 vac single-phase 3.3 kw	400 vac 3-phase (200-240 vac single-phase on request) 6 kw	400 vac three-phase 12 kw	400 vac three-phase 35 kw
Auto functions	autoheading & autodepth	autoheading & autodepth	autoheading & autodepth	autoheading & autodepth, optional autoaltitude	autoheading & autodepth, autoaltitude
Optical fiber	n/a	n/a	multimode or single mode	multimode or single mode	multimode or single mode
Real Time Video channels	1	1 or 2	2 (multimode) or 3 (singlemode)	2 (multimode) or 3 (singlemode)	2 (multimode) or 3 (singlemode)
Camera units <sup>2 - 3</sup>	1 or more on request	1 or more on request	1 - 2 (optional 3 on request)	1 - 2 (optional 3 on request)	1 - 2 (optional 3 on request)
Lighting <sup>3</sup> (dimmable)	1 line 2 x 24 vdc led	1 or 2 lines 2 x 24 vdc led	2 lines (different option on request)	2 lines (different option on request)	2 lines 2 x 250 w plus 2 x 24 vdc led

### Examples of Equipment & Accessories

Manipulator	1 or 2 function electric	1 or 2 function electric	1-2 function electric or 5 function hydraulic	5 function hydraulic	5-6 function hydraulic plus 4 function grabber
Scanningsonar	Yes	Yes	Yes	Yes	Yes
Acoustic positioning	Yes	Yes	Yes	Yes	Yes
CTD option Water sampling Seabed	Yes	Yes	Yes	Yes	Yes
Metal thickness gauge	Yes	Yes	Yes	Yes	Yes
CP probe	Yes	Yes	Yes	Yes	Yes
DVL	n/a	n/a	Yes	Yes	Yes
Bathysystem	n/a	n/a	Yes	Yes	Yes
FMD	n/a	n/a	Yes	Yes	Yes
Pipe & cable tracker	n/a	n/a	Yes	Yes	Yes
Detection camera system	n/a	n/a	Yes	Yes	Yes
Laser scanning camera	n/a	n/a	Yes	Yes	Yes
Dual head profiler	n/a	n/a	Yes	Yes	Yes
Multibeam Echosounder	n/a	n/a	n/a	Yes	Yes

**Notes:** \* On Perseo GTV power requirements are for free-flight operations without LARS and TMS; <sup>2</sup> On all Perseo and Pegaso standard 2 camera units, optional third camera switchable on video channel 2. Upon request various configurations with up to 4 camera units in real time including boom camera option; <sup>3</sup> Cameras and lights are mounted on tilt mechanism for all Perseo, on pane-tilt for Pegaso.

WINCH				
MODEL	WH500MV	WH700	WH900	WH1500
Length (mm)	700	1200	1910	1570
Width (mm)	480	850	960	2200
Height (mm)	500	900	1120	1680
Type	manual/electric	manual/electric	electric	electric

subject to change without notice\*

### Headquarters & Sales: LIGHTHOUSE SpA

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