



Specifications and prices: RB Mini Mirage

ROV dimensions	length	801 mm
	width	542 mm
	height	506 mm
Incl. manipulator	length	931 mm
ROV weight		app 48 kg
Depth rating		400 m
Propulsion	vertical Motors	4x (2,5 kg/each)
	horizontal motors	4x (2,5 kg/each)
	lateral motors	2x (1,5 kg/each)
	propellers and guards	60 mm diameter
	speed	0-2m/sec or 0-3,89 kts
Operating temperatur	in water	0°- 30° C
Tether (umbilical)	length	300 m (up to 1200m)
	diameter	7,8 mm
	type	neutral bouyonce
	operating temperatur in water	0°- 30° C
Cable reel		with slip ring
ROV control unit and power supply		main supply
		hand controller-joystick
		sonar on/off switch
		light
		tether (umbilical)
		2 RCA Video Out
		RS 232
		19" LED monitor
Elektric system	connector at ROV	6 pin-multi connector
	power supply	220-240 VAC 50Hz
	tether voltage	up to 450 VDC

Underwater Detection and Salvage operations – ROV and Side Scan Sonar Sales and Services

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RAIFFEISEN LANDES BANK TIROL

IBAN: AT38360000003511557 BIC/SWIFT: RZTIAT22

	power consumption without additional equipment	1500 Watt
Construction	hull	Synthetic material / Stainless Steel
Light	front lights	4x ca. ~ 700 Lumen LED (10 Watt/ea.)
	tail lights	3x ca. ~ 700 Lumen LED (10 Watt/ea.)
Front camera	camera	color
	camera tilt	180°
	video format	PAL composite
	resolution	Full HD
	sensitivity	3 low lux (shutter speed 1/25/second)
	lense	wide angle 12X optical/160X digital zoom focus auto/manually adjustable Image pickup max 8,9 mega pixel
Rear camera	camera	color
	camera tilt	180°
	video format	PAL composite
	resolution	600 lines
	sensitivity	0,3 lux
	lense	wide angle focus auto/manually adjustable

Additional equipment (optional):

Laserpointers	
LYYN HAWK PORTABLE	on request
LYYN HAWK BOARD INTEGRATION KIT	on request
CYGNUS MINI ROV supersonic thickness gauge	on request
USBL positioning system	on request
TRITECH SONAR	on request

Manipulator (optional) Specifications:

Depth rating:	400 m
Maximum jaw opening:	110 mm
Maximum length:	634 mm
Diameter:	40 mm
Weight in air:	2000 g
Weight in water:	1400 g

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Cutting capacities	up to: 4 mm stainless steel wire rope, 10 mm cable, 10 mm polypropylene rope
Grabbing force	30 kgf
Jaw rotation	in both directions 360°
Power supply	via ROV 24 V DC

Sector Scanning Sonar RovBuilder Ray Specifications:

Dimensions:	H 74 mm x Ø 71 mm
Weight:	427g; in water: 200g
Operating temperatures:	-10°C to +35°C (14°F to 95°F)
Frequency:	215 kHz
Opening angle:	6° vertical / 6° horizontal
Distance adjustments:	from 2 m to 100 m
Scansector:	adjustable (up to 360°)
Step speed:	standard / fast
Special features:	distance measuring, true acoustic zoom
Power supply:	12V – 36V
Data link:	RS 232 115kb/s
Computer requirements:	Windows XP/Vista/Win7/Win8 compatible; PC or laptop. Serial COM-port or USB

Prices

RB Mini Mirage	Euro 39 000
Sector Scanning Sonar Rovbuilder RAY	N/A
Laser pointers	Euro 450
Rear camera B/W	Euro 750
2 days ROV pilot instructions at buyer's location	Euro 2 400 plus travel expenses and accomodation

Prices excl. shipping, VAT and customs duty

Packing	shipping crates	control unit in AMRE case ROV& tether on reel in wooden crates
	shipping weight	130 kg
Warranty	Limited warranty	2 years

The producer reserves the right to change specifications and prices without prior notice.

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