iXblue

Heavy Duty Acoustic Releases
Selection Guide

Oceano Heavy Duty Acoustic Release Series

Heavy Duty

Down to 6 000 m water depth

Individually tested and approved by independent certification body

Designed for maritime construction and offshore applications

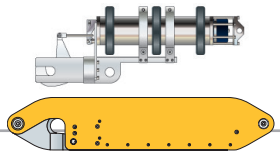
Hooks:

HD15

SWL[1] 15 T
RL[2] 10 T (Cable Lay)
or 15 T (Lift)
TL[3] 30 T

One model dedicated to cable laying operations

Other model for standard lifting applications



HD55

SWL[1] 55 T
RL[2] 40 T
TL[3] 90 T

Lift model for vertical applications

Pull & Lift model for both horizontal pulling and vertical lifting applications

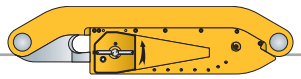
Back-up ROV mechanism available on Pull & Lift model

HD100

SWL[1] 100 T
RL[2] 50 T
TL[3] 150 T

Lift model for standard lifting applications

Back-up ROV mechanism

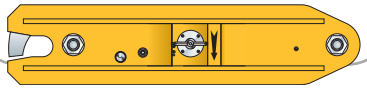


HD200

SWL[1] 200 T
RL[2] 50 T
TL[3] 270 T

Pull & Lift model for both horizontal pulling and vertical lifting applications

Back-up ROV mechanism available on Pull & Lift model

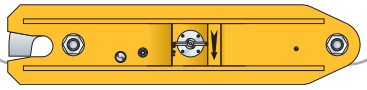


HD300

SWL[1] 300 T
RL[2] 50 T
TL[3] 400 T

Pull & Lift model for both horizontal pulling and vertical lifting applications

Back-up ROV mechanism available on Pull & Lift model



[1] SWL (Safe Working Load): the maximum static or dynamic load that can be supported by the instrument in normal operating conditions with no release command in progress.
[2] RL (Release Load): the maximum load that can be supported by the hook while it is activated (DC motor rotating).
[3] TL (Test Load): the maximum that can be supported by the instrument without permanent damage or water ingress (not to be used in normal operation mode).

Sub-family	Model	SWL[1] (kg)	RL[2] (kg)	TL[3] (kg)	Standard depth rating (m)	Construction	Weight air/water (kg)	Size (L x OD) mm	Autonomy (Alkaline)		Pressure sensor	Lithium batteries	Back-up ROV mechanism	Safety pin
									months @20°C	months @0°C				
Heavy Duty	**Oceano HD15 Lift** AR861ES	15 000	15000	30 000	6 000	Steel frame	95/72	1143 x 210 x 148	48	30	-	○	N/A	N/A
	Oceano HD15 Cable lay AR861E1S	15 000	10 000	30 000	6 000	Stainless steel	60/50	960 x 386 x 221	48	30	○	○	N/A	N/A
	Oceano HD55 Lift AR861FS	55 000	40 000	90 000	6 000	Steel frame	152/127	1450 x 250 x 175	48	30	-	○	N/A	●
	Oceano HD55 Pull & Lift AR861FSR	55 000	40 000	90 000	6 000	Steel frame	300/270	1497 x 330 x 250	48	30	-	○	●	●
	Oceano HD100 Lift AR861GS	100 000	50 000	150 000	6 000	Steel frame	328/270	1590 x 418 x 378	48	30	-	○	●	●
	Oceano HD200 Pull & Lift AR861HSR	200 000	50 000	270 000	6 000	Steel frame	1180/1025	2318 x 510 x 400	48	30	-	○	●	●
	Oceano HD300 Pull & Lift AR861ISR	300 000	50 000	400 000	6 000	Steel frame	1905/1655	2600 x 669 x 470	48	30	-	○	●	●

● **: standard**

○ **: optional**

N/A: Not applicable

-: Non Standard

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PRODUCT DESIGNATION

AR / RT / ET / MT / PET / RP / TT

The iXBlue acoustic products are identified by an alpha/numeric code.

PRODUCT DESIGNATION

Product type XX	Series X	Depth X	Frequency X	Load (RL) XX	Construction X	(main) options XX / XX...
AR acoustic release	**7** coastal range	**0** 400 m	**1** LF band	**C** 500 kg	**S** stainless steel	**R** responder plug
RT recoverable transponder	**8** tone interrogation	**1** 1 000 m	**2** MF band	**B2** 2 500 kg	**G** glass	**HD** remote hydrophone
ET expendable transponder	**9** miniature beacon	**3** 3 000 m		**D** 5 000 kg	**T** titanium	**P** pressure sensor
MT miniature transponder	**A** full wideband	**6** 6 000 m			**E** aluminum	**DIR** directional transducer
PET piezo electric transponder						
RP relocation pinger						
TT telecommand transmitter						

Example: Oceano RT861B2S
LF Recoverable Transponder, 8 series, 6 000 m, 2 500 kg, Stainless Steel

ACOUSTIC RELEASES & TRANSPONDERS

MINI TRANSPONDERS & TELECOMMAND

iXblue