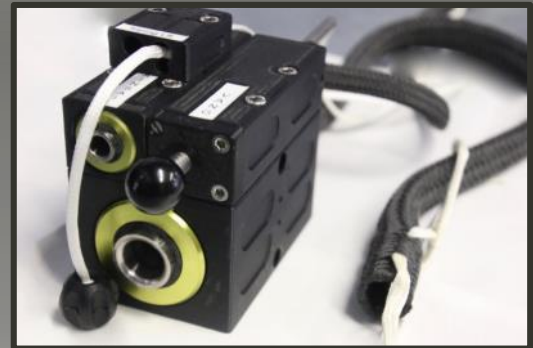




Using the great Constrictor® features, The ECB range offers a range of additional features :

- Remote release operation thanks to the electro-pneumatic actuator
- Measurement of the load applied to the rope
- Possibilities of arrangement of the ECB modules between them for an homogeneous and optimized deck layout



UpSideUp
100% compatible

- Integrate the full Cousin-Trestec Constrictor® slot-in range: for the 6 to 14mm diameters ropes.
- Keeps the mechanical specifications of the Constrictor®.
- The various elements are designed to be effectively stackable and joinable together and freely changeable.
- As an option, the 10/12/14 base integrates a loadcell to measure the load applied to the rope.
- The release of the rope can be done manually or by a remote command, thanks to the pneumatic actuator.



Fit the ECB modules according to your requirements and deck layout.






Secure the equipment and crew thanks to the automatic remote release of sails sheets.

Measure easily and continuously the load applied on the held ropes.

The **ECB** solution, associated with the Constrictor® system, brings a real alternative to the traditional jammers. It meets the designers and users requirements, with today's qualitative criteria:

- Simplicity and High technology
- Lightness and reduction of the overall footprint
- Flexibility and integration
- Easy manipulation and security
- Automation and remote control
- Loading feedback to the user or the controller system

ECB solution modules

Anchor base and Constrictors® 10 - 12 - 14		<i>Refs : ECB-BC10 / ECB-BC12 / ECB-BC14</i>
Weight with Constrictor® Ø14	370g	
Dimensions without Constrictor®	L68 x H54 x D100 mm	
Fastening	2 bolts M10 + 2 bolts M8 Class 6.8	
Breaking Strength / rope Ø	<i>Data from Cousin-Trestec</i> ECB-BC10 (Ø8)/(Ø10) 1220Kg / 2200Kg ECB-BC12 (Ø10)/(Ø12) 1500Kg / 2800Kg ECB-BC14 (Ø12)/(Ø14) 1800Kg / 3700Kg	
Material	PETg/ Carbon	
Anchor base and Constrictors® 6 - 8		<i>Ref : ECB-BC06 / ECB-BC08</i>
Weight with Constrictor® Ø8	95g	
Dimensions without Constrictor®	L34 x H28 x D100 mm	
Fastening	4 bolts M5 Class 8.8	
Breaking Strength / rope Ø	<i>Data from Cousin-Trestec</i> ECB-BC06 (Ø5)/(Ø6) 450Kg / 750Kg ECB-BC08 (Ø6)/(Ø8) 700Kg / 1150Kg	
Material	PETg / Carbon	
Pneumatic jack		<i>Ref : ECB-RP or ECB-RE</i>
Pneumatic jack weight	115g	
Dimensions excluding rod Rod length	L34 x H28 x D100 mm 193mm	
Stroke Strength	77mm 28kg @ 10bar - 17Kg @ 6bar	
Fastening	3 bolts M5 Classe 6.8	
Rod and body materials	Stainless steel - PETg/Carbon	
Electric control signal :	12vdc - 24vdc - 220vac	
Guide for 2 Constrictors® lanyards with free rope position		<i>Ref : ECB-MG</i>
Weight	12g	
Dimensions	L34 x H28 x D45 mm	
Fastening	2 bolts M5	
material	PETG / Carbon	
Load Cell for 10-12-14 base		<i>Ref : ECB-LC</i>
Weight	No additional weight	
Protection	IP67	
Power supply	8.5-28vdc or 13-28vdc - 22mA	
Output signal	mV/V (optional 0-5v or 0-10v)	
Capacity - Full Scale	39kN - 4000Kg	
Safe load limit / Breaking load	150% / 200% of FS	

The Ocean Data System's engineers can help you to define the best configuration suiting your project. They can propose you to design and produce custom modules according to your requirements

Do not use The ODS Developments products for human suspension, unless product is specifically certified and labelled for such use.

Design : Ocean Data System 10/2016 - Non contractual document. all information and illustrations are subject to change without prior notice. Can not be altered or reproduced without Ocean Data System's written consent.