

HYDRAULIC RELEASE SHACKLES RENTAL

IQIP offers hydraulic release shackles ranging from 25 to 2,000 tonnes that are suitable for water depths of 500 to 3,000m. These are used to install and decommission on/offshore structures by allowing the remote release and engagement of lift rigging from structures being raised. Over the past 30 years, our shackles have been used on projects all over the world, and have an extensive track record.

IQIP's standard range of release shackles have hydraulic umbilical connectivity. They can also be customised to include ROV-friendly solutions with the capacity to store hydraulic energy during subsea operations. All of our equipment has been designed with contingency and functionality in mind, which ensures that you are able to release any load safely.

Our units can be equipped with the following options:

- ROV ball valve activates an accumulator package that utilises stored hydraulic energy
- hot stab receptacle suitable during subsea operations for ROV intervention
- pressure gauge monitors hydraulic operations
- hydraulic accumulator can be used as the primary or secondary method for releasing or engaging
- additional secondary hydraulic cylinder for contingency operations
- ROV grab bar features a user-friendly interface and ideal for ROV stabilisation.

Please contact IQIP's Sales department for further information as special configurations can also be arranged.

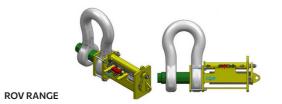
TRACK RECORD



PROJECT		DESCRIPTION	STANDARD/	BASIC/	FRAME INCL.	CUSTOMER
			WIDE	WIDE	SHACKLES	
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2022						
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2021						
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2020						
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<u>6</u>						
2019						
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2018						
7						
2017	Egina Project	2x 200t HRS (Subsea ROV Capable)	Wide	ROV	incl. shackles	Saipem SA
	Egina Project	4x 900t HRS (Subsea ROV Capable)	Wide	ROV	incl. shackles	Saipem SA
	Egina Project	4x 200t HRS (Subsea ROV Capable)	Wide	ROV	incl. shackles	Saipem SA
	Egina Project	8x 600t HRS (Subsea ROV Capable)	Wide	ROV	incl. shackles	Saipem SA
	Undisclosed Project	1x 576t HRS	Standard	Basic	incl. shackles	Heerema Marine Contractors
	Undisclosed Project	1x 25t HRS	Standard	Basic	incl. shackles	Fargamel
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2016	Undisclosed Project	10x 400t HRS Frame	Wide	Basic	Frame	Erling Haug AS
	Undisclosed Project	1x 85t HRS Frame	Standard	Basic	Frame	Heerema Marine Contractors
	Rampion Offshore Wind farm	4x 900t HRS	Wide	Basic	incl. shackles	Scaldis Salvage & Marine Contrators
	Undisclosed Project	4x 40t HRS Frame	Wide	Basic	Frame	Heerema Marine Contractors
	Undisclosed Project	10x 400t HRS Frame	Wide	Basic	Frame	Erling Haug AS

	PROJECT	DESCRIPTION	STANDARD/	BASIC/	FRAME INCL.	CUSTOMER
			WIDE	WIDE	SHACKLES	
2015	Mariner Topside Installation Project	2x 400t HRS (Subsea ROV Capable)	Wide	Basic	incl. shackles	Saipem Inc.
	Undisclosed Project	4x 200t HRS (Subsea ROV Capable)	Wide	ROV	incl. shackles	Saipem Inc.
	Ichthys MEG	4x 200t HRS (Subsea ROV Capable)	Standard	ROV	Frame	Heerema Marine Contractors
	Sapura Diamante	3x 200t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	SapuraKencana
	Sapura Topazio	2x 400t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	SapuraKencana
	Sapura Onix	2x 600t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	SapuraKencana
4	Maersk Tyra Project	2x 250t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	Seaway Heavy Lifting
2014	Nexen Golden Eagle T&I Project	2x 200t HRS	Wide	Basic	incl. shackles	Saipem Ltd.
	Ichthys	1x 1250t HRS	Wide	Basic	incl. shackles	Heerema Marine Contractors
	Ichthys	1x 1000t HRS	Standard	Basic	incl. shackles	Heerema Marine Contractors
	Ichthys	4x 1250t HRS (Subsea ROV Capable)	Wide	ROV	incl. shackles	Heerema Marine Contractors
	Liwan Field	1x 30t HRS	Wide	Basic	incl. shackles	Emas-AMC Pte Ltd.
	Ichthys	1x 500t HRS	Wide	Basic	incl. shackles	Heerema Marine Contractors
	Seven RIO	1x 120t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	Subsea 7 (Norway)
	Seven RIO	1x 600t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	Subsea 7 (Norway)
	Seven SUN	1x 120t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	Subsea 7 (Norway)
	Seven SUN	1x 600t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	Subsea 7 (Norway)
	Seven Cruzeiro	1x 120t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	Subsea 7 (Norway)
	Seven Cruzeiro	1x 600t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	Subsea 7 (Norway)
	Unknown Project	2x 300t GRS	Standard	Basic	incl. shackles	Dae Kwang Co., Ltd.
2013	Eldfisk II T&I PRU	2x 300t HRS	Wide	Basic	incl. shackles	Saipem Ltd.
	Nexen Golden Eagle	4x 2000t HRS	Wide	Basic	incl. shackles	Saipem Ltd.
	Jack & St. Malo	4x 800t HRS (Subsea ROV Capable)	Standard	ROV	Frame	Heerema Marine Contractors
	Ell Dolphin Replacement	1x 25t HRS, incl. Handpump	Standard	Basic	incl. shackles	Austral
	Ell Dolphin Replacement	1x 55t HRS, incl. Handpump	Standard	Basic	incl. shackles	Austral
	Wasit Gas Program (SA)	4x 1000t HRS (Subsea ROV Capable)	Wide	ROV	incl. shackles	Saipem S.p.A. (IT)
	Undisclosed Project	2x 150t HRS	Wide	Basic	incl. shackles	Fugro Seacore Limited
	Undisclosed Project	1x 25t HRS	Wide	Basic	incl. shackles	Technip Offshore UK Ltd.
	Lucius Phase 2	1x 85t HRS	Standard	Basic	incl. shackles	Heerema Marine Contractors
	Undisclosed Project	2x 400t HRS	Standard	Basic	incl. shackles	J Ray Mc Dermott Inc. (Houston)
	Cygnus Project Wye Manifold	4x 400t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	Seaway Heavy Lifting
	Undisclosed Project	1x 120t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	IHC Offshore & Marine BV
	Undisclosed Project	1x 600t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	IHC Offshore & Marine BV
	Undisclosed Project	1x 120t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	Ceona Chartering (UK) Limited
	Undisclosed Project	1x 300t HRS (Subsea ROV Capable)	Standard	ROV	incl. shackles	Ceona Chartering (UK) Limited
2	Jack St. Malo	1x 700t HRS Frame	Wide	ROV	Frame	Heerema Marine Contractors
2012		(Subsea ROV Capable)				







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