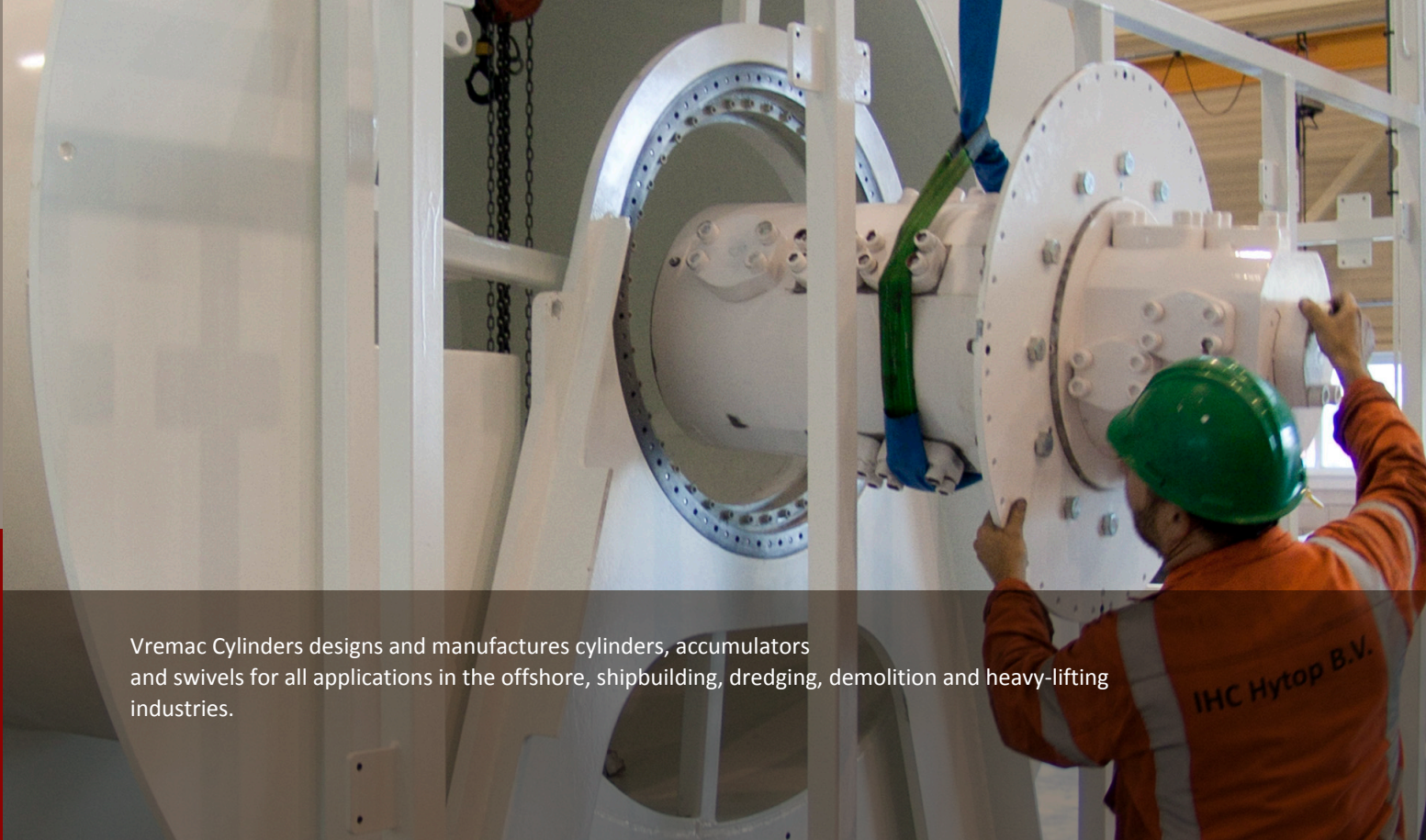


Swivels



Vremac Cylinders designs and manufactures cylinders, accumulators and swivels for all applications in the offshore, shipbuilding, dredging, demolition and heavy-lifting industries.

Swivel

Over the years, Vremac Cylinders has specialized in the engineering and manufacturing of custom-built swivels, and has evolved into a flexible and reliable partner in this domain. It is therefore no surprise that Vremac Cylinders has become the preferred supplier of market leaders such as Caterpillar.

Swivels are used to transport hydraulic oil from a fixed position to a hydraulic oil rotating user (a rotating part of the equipment that uses hydraulic oil). The number of transmission channels and their dimensions depends on the number of hydraulic users and the flow rate. The Vremac Cylinders' swivels assortment runs from one-channel swivels up to the number of connections that the client requires, with a record to date of 20 connections. All oil connections can be produced to meet industry standards, such as SAE, BSP and STOR.

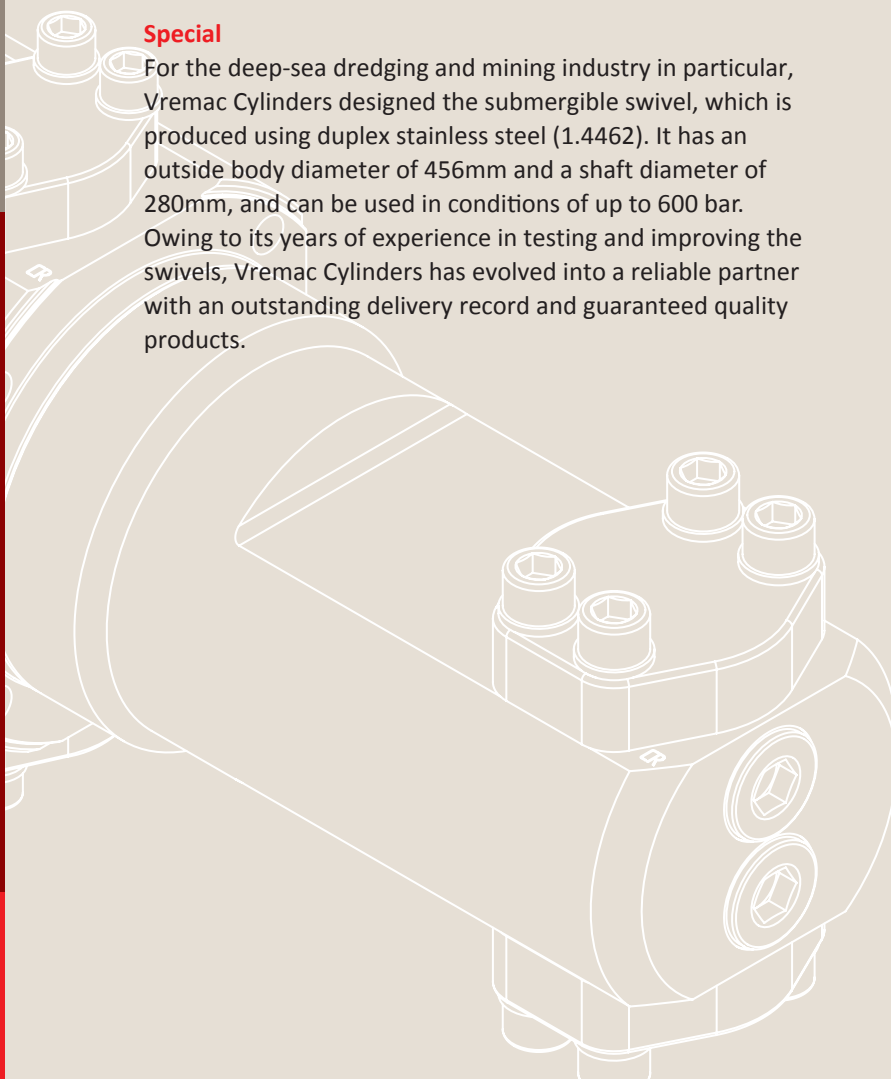
The standard materials we use to manufacture our swivels are steel, cast iron or stainless steel. Other materials are available upon request.

Seals

The swivel seals operate in rotating conditions and therefore must be able to withstand pressure from both sides. Our standard swivel seals operate at a rotational speed of up to 6 m/sec. Seals that operate at higher rotational speeds are available upon request. Swivel mounting and integrating is performed in accordance with the constructional specifications of your equipment and can be executed using bolts, flanges, etc.

Special

For the deep-sea dredging and mining industry in particular, Vremac Cylinders designed the submergible swivel, which is produced using duplex stainless steel (1.4462). It has an outside body diameter of 456mm and a shaft diameter of 280mm, and can be used in conditions of up to 600 bar. Owing to its years of experience in testing and improving the swivels, Vremac Cylinders has evolved into a reliable partner with an outstanding delivery record and guaranteed quality products.



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