



PRODUCTS FOR OFFSHORE WIND ENERGY STRUCTURES

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I:M PRODUCTS FOR OFFSHORE WIND ENERGY STRUCTURES



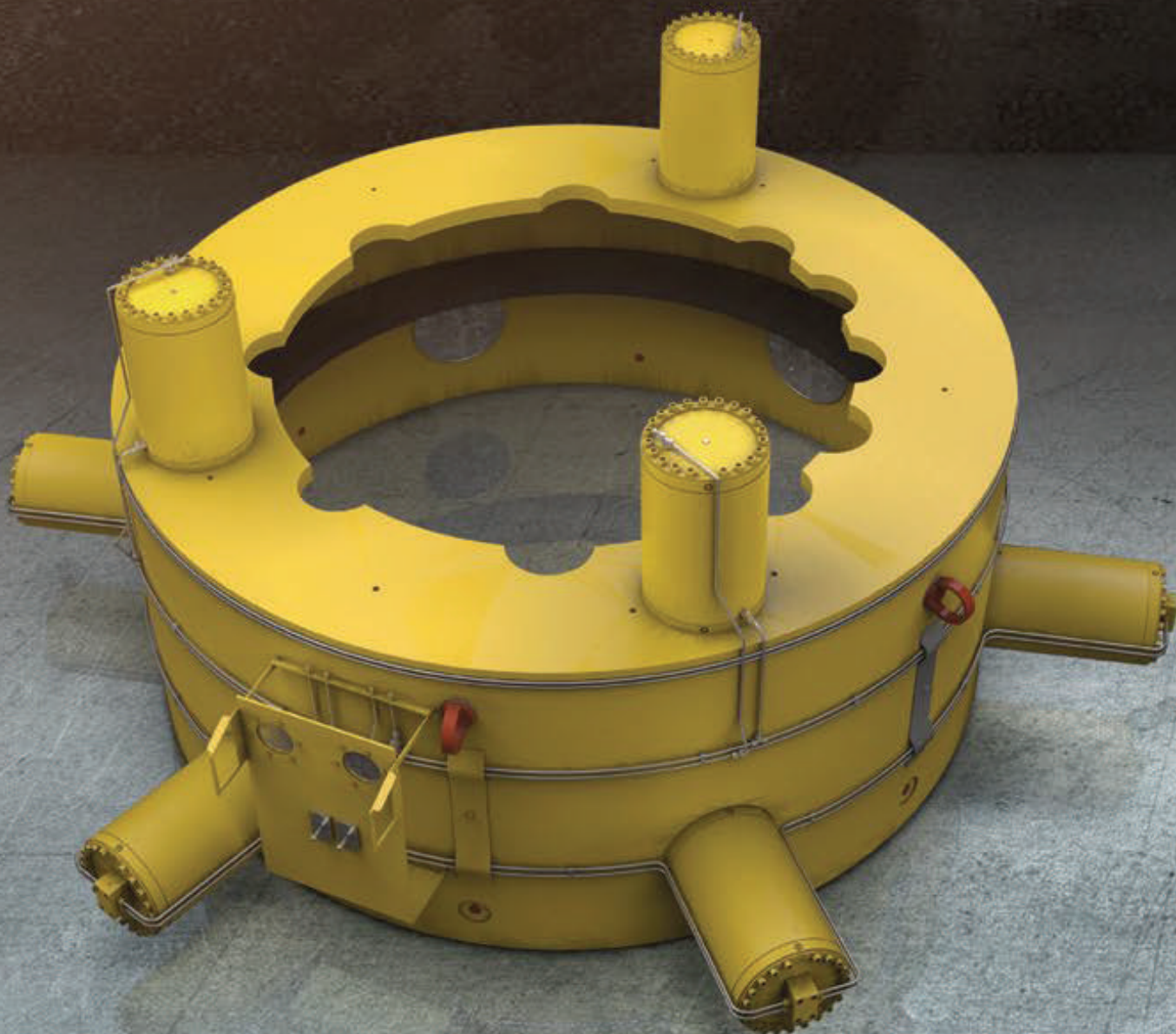
INTRODUCTION

IRM Offshore & Marine Engineers Pvt. Ltd. has been operating for more than five decades and continues to evolve today, servicing the needs of the offshore platform industry.

IRM manufacture key components for the construction of offshore platforms and substructures for offshore wind turbines, including pile grippers, grout seals, leg mating units, and diaphragm closure units. With our in-house design and testing capability, we are able to offer safe, reliable, cost-effective solutions that help reduce the risks associated with offshore platform construction. IRM has a track record of Supplying Offshore installation aids and protection systems for hundreds of offshore platforms.

IRM PILE GRIPPER

IRM pile grippers assist in levelling during jacket installation and secure the structure both prior to grouting and during the grouting operation. Prior to grouting, pile grippers provide a temporary works mechanism that can secure the structure in bad weather conditions. During the grouting process, pile grippers prevent movement between piles and sleeves, improving the efficiency of the grouting operation, and providing time and cost savings and greater certainty for the grouted connection. IRM offers Pile grippers up to 3650 mm in diameter and with capacities up to 4500t.



We provide our supervision services during Installation and testing of Pile grippers at site and during offshore operations. We have a well-trained & experienced team of Engineers to provide such services to our esteemed clients, for ease of Installation and operation of the Pile grippers.

Key Attributes

- Custom built grippers as per the specific load requirement.
- Provides stability during the leveling of jacket in all weather conditions.
- Auxiliary back-up to overcome any contingency during operation.
- All accessories available as per client's requirement.



IRM GROUT SEAL

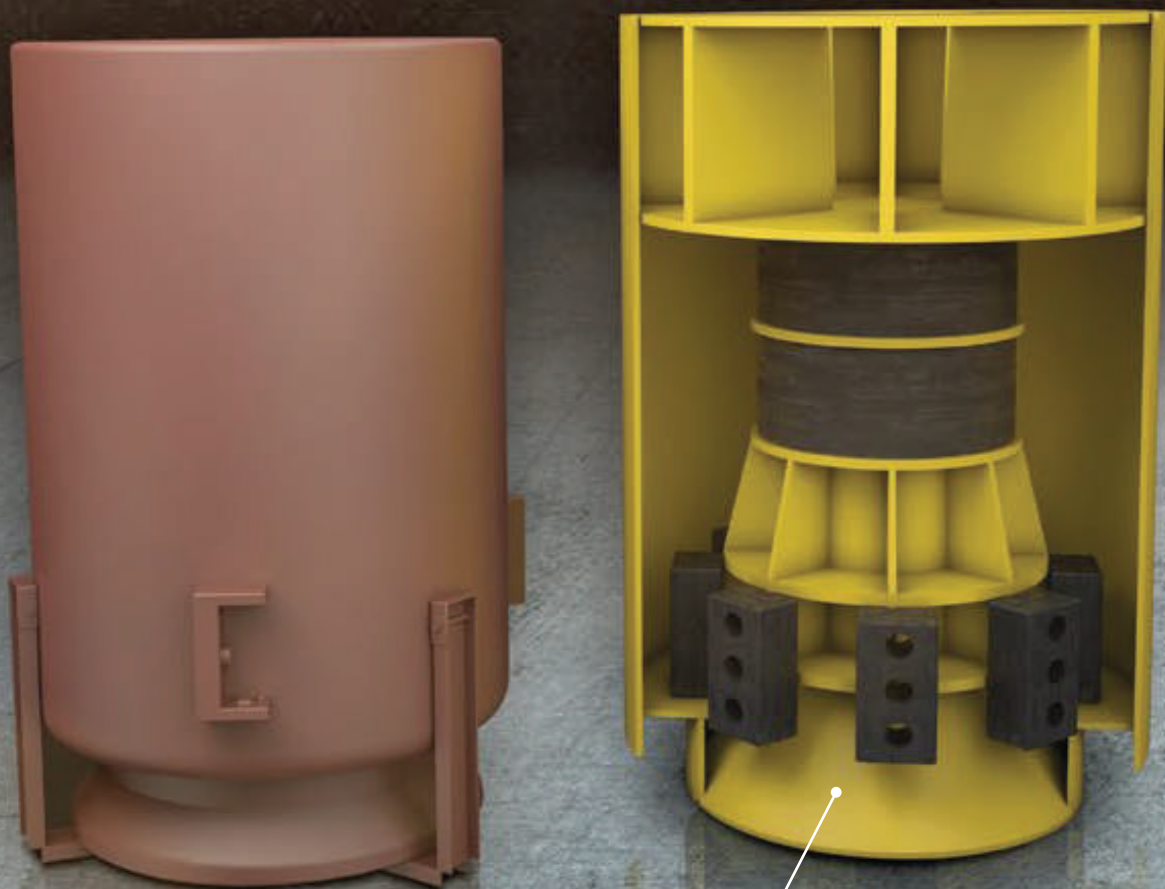
IRM grout seals are manufactured with our unique dual lip grout sealing assembly that provides a reliable seal for grouting operations on offshore platforms and offshore wind turbines. IRM manufactures grout seals ranging in diameter from 600mm to 3650mm. Grout seal assemblies can also be supplied with suitable mud wiper to prevent mud penetration from the bottom side of jacket.





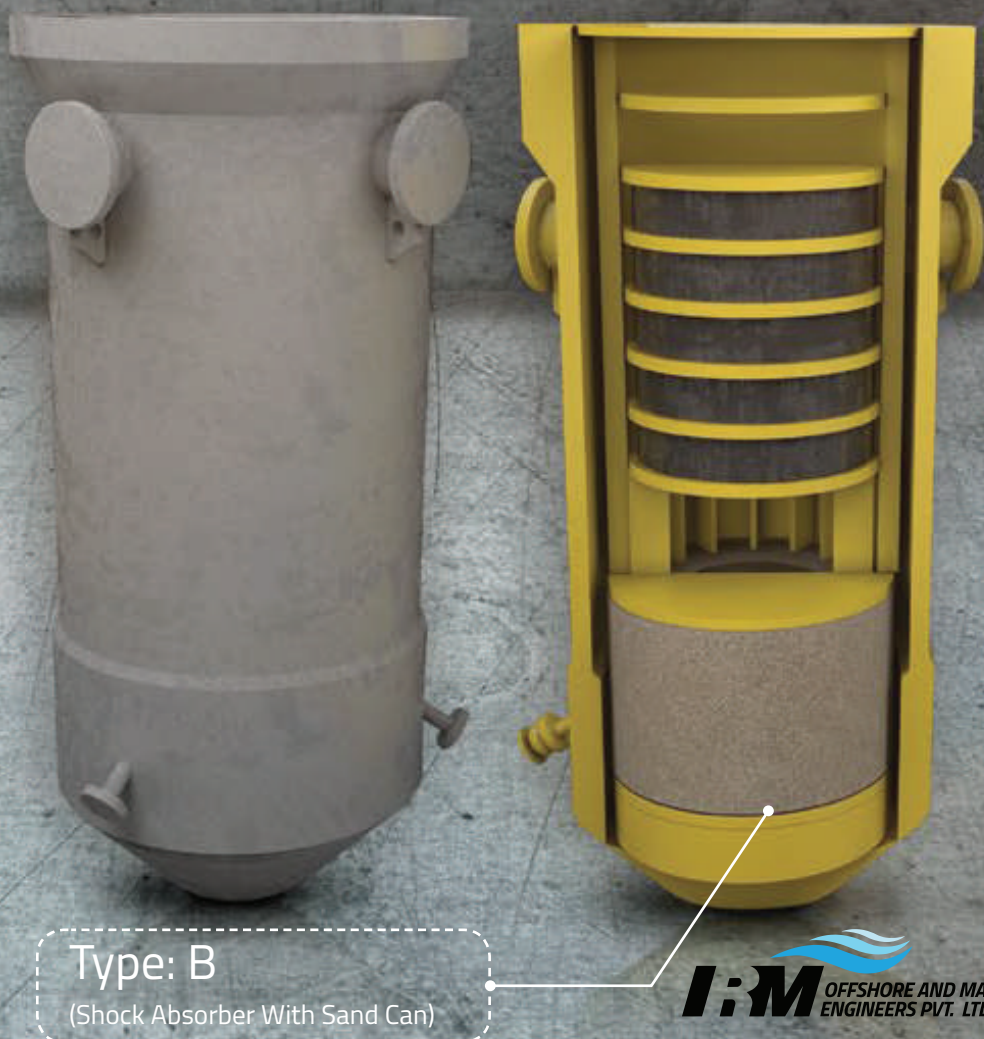
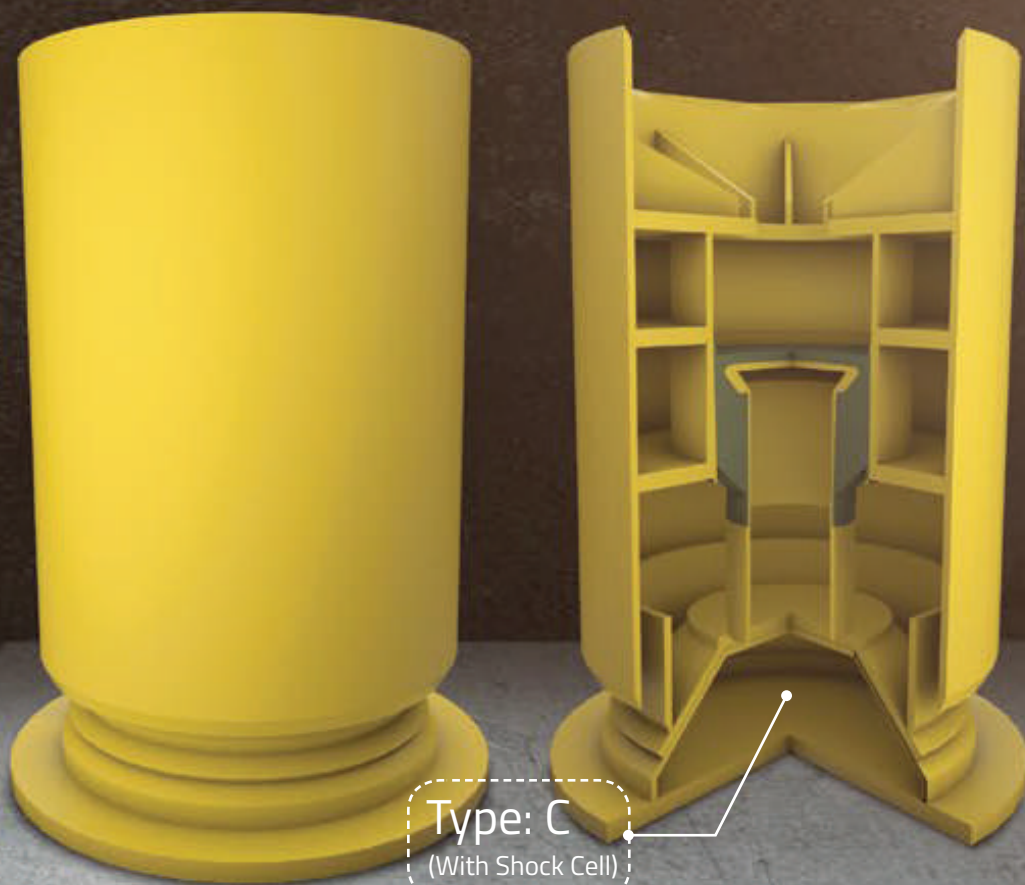
IRM LEG MATING UNIT

IRM leg mating units provide a safe and reliable method for installing the topsides of offshore platforms and an economic alternative to heavy lift crane vessels. Leg mating units are of steel construction and fitted with high performance elastomers that help to ensure smooth load transfer. IRM has the capability to design, manufacture and test leg mating units to meet client requirements. Custom made leg mating units can be designed and manufactured to suit client's requirements.

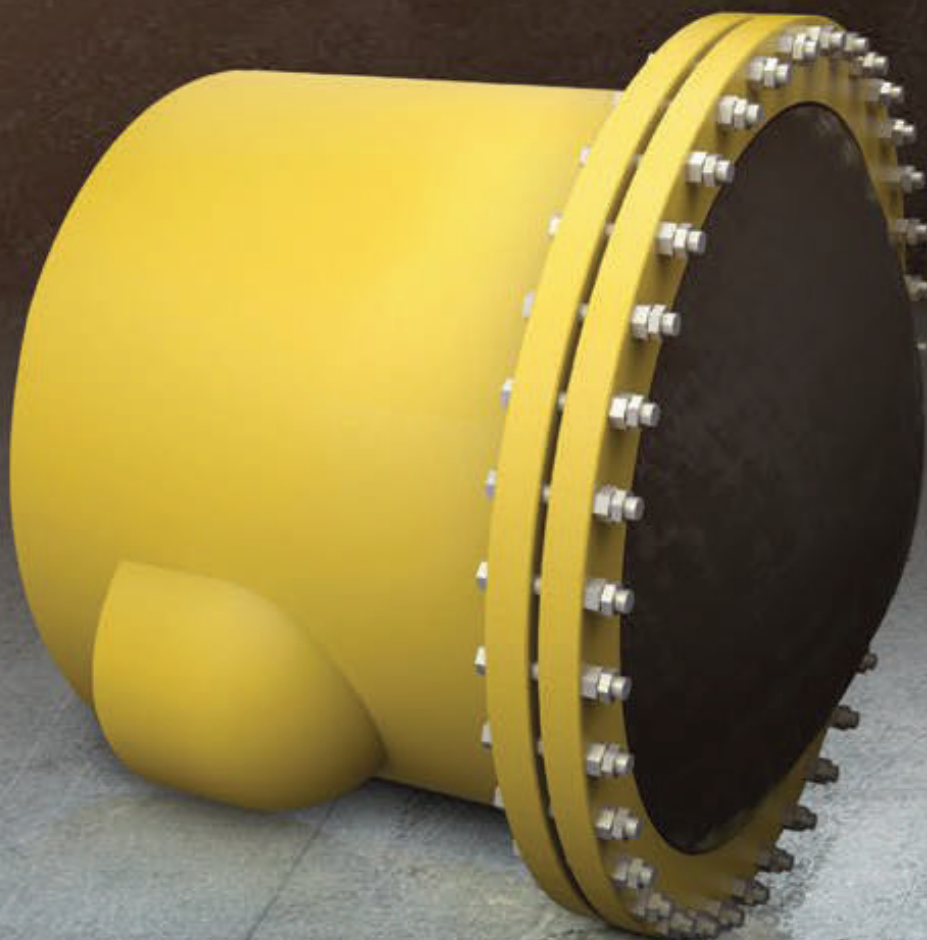


Type: A

(Shock Absorber Without Sand Can)



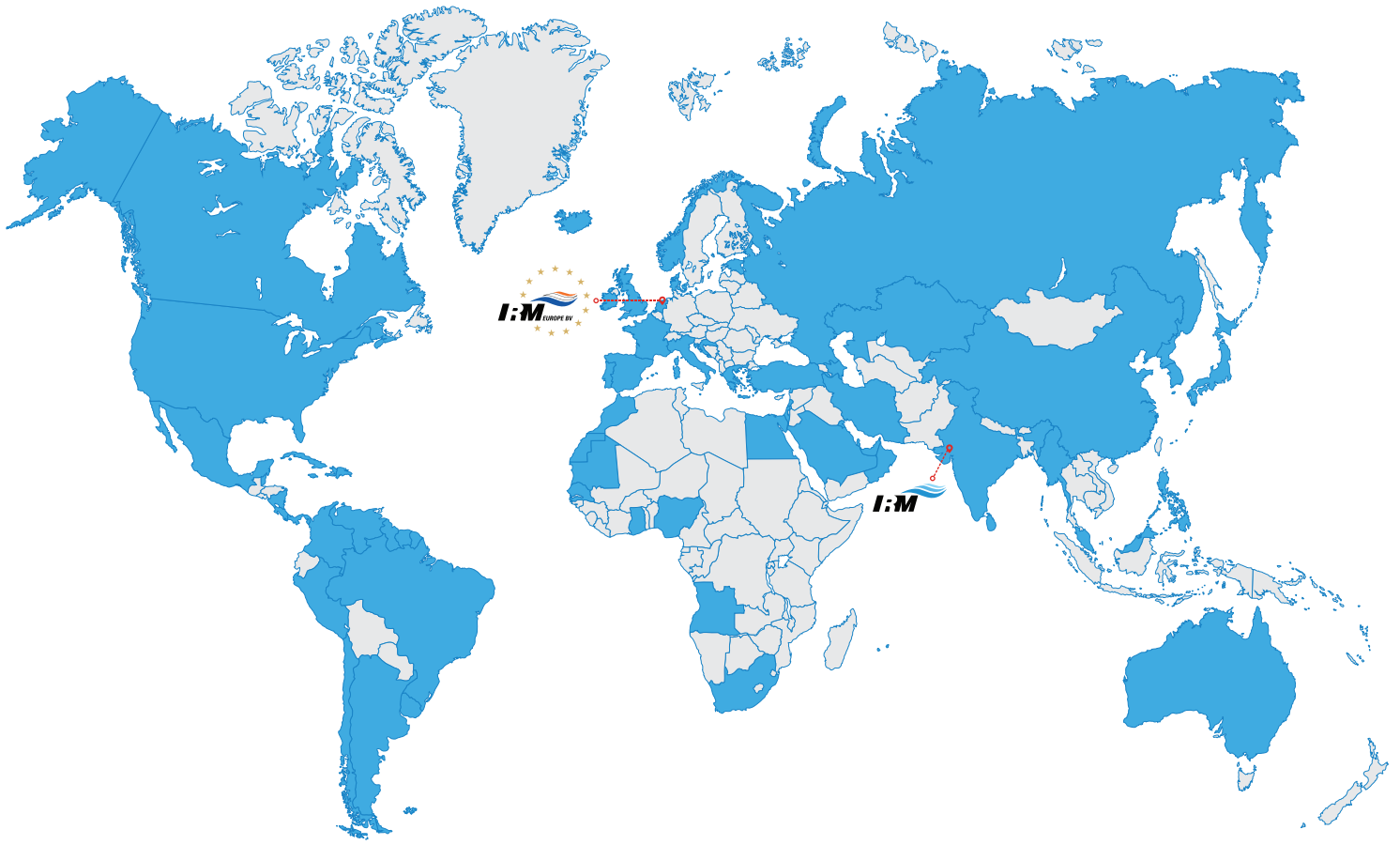
IRM DIAPHRAGM CLOSURE



IRM diaphragm closure units provide a system that seals platform legs, preventing the ingress of water as platforms are moved into position and simplifying the subsequent installation of foundation piles to the platform. IRM manufactures diaphragm closure units in standard sizes ranging in diameter from 600mm to 3650mm and conducts pressure testing on all completed units.



IRM PRODUCTS WORLD WIDE



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