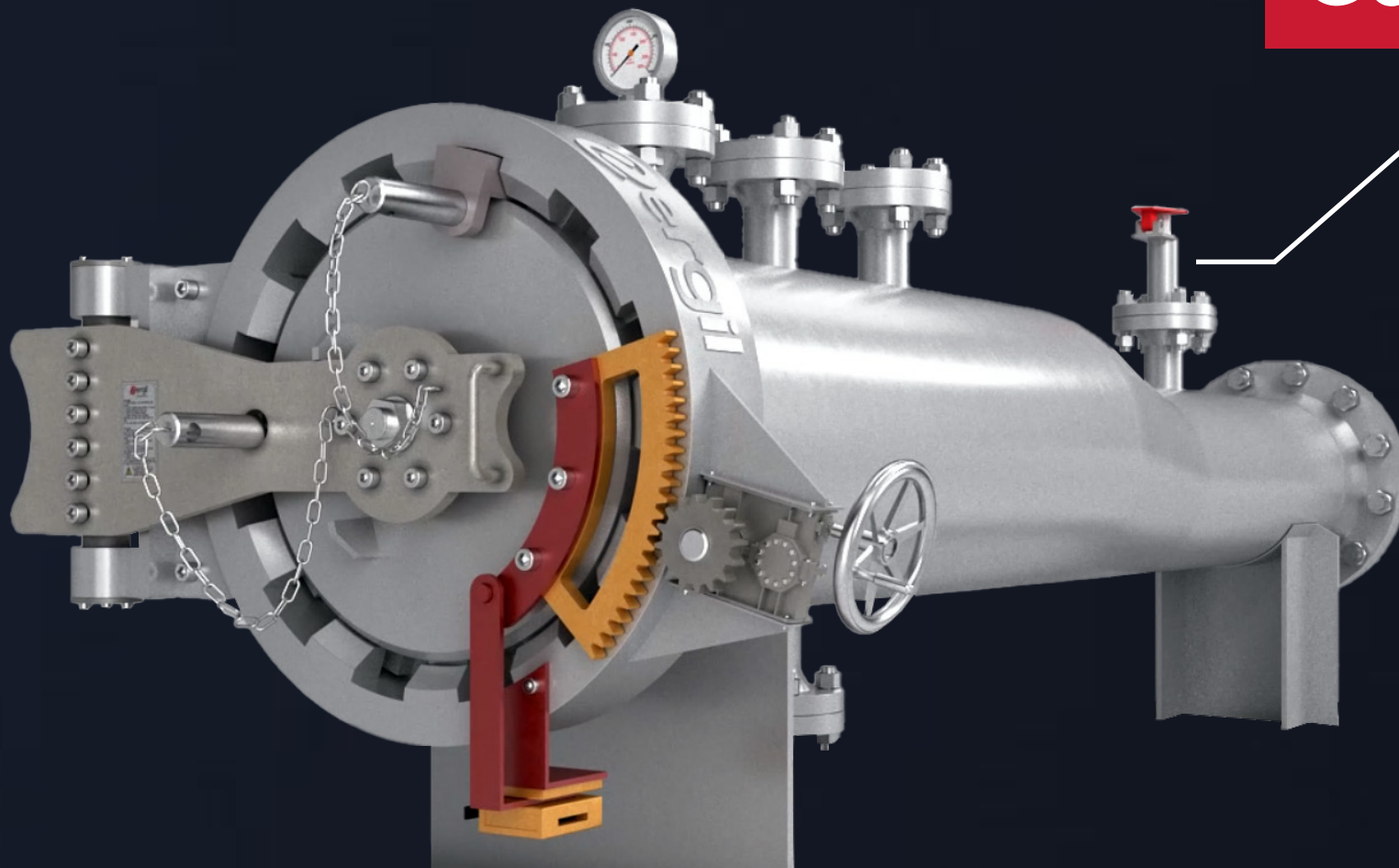


Case Study



Pig Launcher
and Pig Receiver

Pig Launcher and Pig Receiver

Problem:

An offshore platform operating is full of the toughest challenges and any kind of equipment failure could have a huge negative impact on employee safety and lost production. Offshore engineers and scientists face different kinds of economical and technical issues in designing these platforms.

Conducting operations further away from the coast is a very demanding and labor-intensive process in terms of logistics and operation.

From this point of view, limited space and remote location require the equipment to adapt to harsh environmental conditions

Cost-effective delivery, efficient and durable products should be provided by experts and experienced people.

Manufacturing operations require high standards of safety and reliability.

Considering oil and gas platforms, what is expected from manufacturers is to provide regular service life and main tenance procedures for each equipment that will last for many years.



Kuzey Marmara Underground Gas Storage Expansion (Phase III) Projec



When examined offshore platforms, the distance from the coast makes the service life and durability of the equipment even more important. At this point, one of the most significant reasons for An Äger Brand ERGIL to take part in an important project such as **Kuzey Marmara Underground Gas Storage Expansion (Phase III) Project** is that Ergil provides durable and long-lasting products such as Pig Launcher and Pig Signaller.

Pig Launcher and Pig Receiver

Action:

Certified High Pressure Pig Launcher & Receiver

ERGIL has been designing and fabricating engineered high pressure vessels since 1982. Pig launcher & receiver is the most important part of the pigging system. Designing and manufacturing high pressure pig launchers & pig receivers require certain specialization that has to be accredited by industrial authorities.

ERGIL is capable of manufacturing most advanced skid mounted pigging systems, which included a unique jacking system, handling system, and trolley, skid mounted mobile pig launcher and pig receiver systems, environment friendly skid pigging systems.

Pipeline Equipment provides Pig Receiver & Launchers to oil, gas and liquid service and operator companies.

ERGIL provides complete solutions for your pipeline related jobs, such as cleaning, drying, testing and displacement. Easy to use ERGIL launchers and receivers can be used in almost all kinds of applications.

ERGIL PRL can be designed to accommodate scraperpigs, sphere pigs or "smart" pigs, or any combination of the three. Standard Ergil Pig Launchers & Receivers come with the standard type pig signal / indicator, closure, and nozzles.

Kuzey Marmara Underground Gas Storage Expansion (Phase III) Project



Pig Launcher and Pig Receiver

Advanced in Technology and Expertise

ERGIL designs and manufactures pressure vessels up to 900 bar with maximum thickness 220 mm. Our fabrication facility and personnel are certified with ASME U, S, R, NBR, GOST, AD 2000/ISO 3834, EN 1090-1, EN ISO 3834-2, & DNV GL + ABS Marine Welding Class Program and capable of designing and manufacturing as per ASME, EN, GOST & as per end user requirements.

TRUNK	FLANGE	CLOSURE	PIG SIGNAL	SUPPORT	SEAL
API 5L A105 A181 A182/A182 M-98 (F1,F2,F5,F9,F11 F12, F22, F304 F304L, F316, F3621 F347, F348, F310) A350 (LF1,LF2,LF3)	ANSI B 16-5 A350-L2	P460NL1 A150	PIG SIGNAL ASSEMBLY (PRFE, API) 5Lx52 Bs970, SS, VITON, NCONEL)	A516	PURVITON

Ergil Pig Launcher & Receiver Manufacturing Materials

Pig Signaller

ERGIL provides pig signals / indicators for the pipeline industry for the extreme conditions. Pig indicator is a device that is used on a pipeline to show an indication to the operator during the pipeline pigging. ERGIL Pig Indicator is an economical solution that can be applied to all kinds of pigging systems.



Pig Launcher and Pig Receiver

Result:

As mentioned above, product quality and durability to be used in offshore platforms are very important in terms of service life and labor savings of products. In the operations carried out there, harsh environmental conditions and distance must be taken into consideration.

In this sense, Ergil produces high quality products with its technically equipped and technologically advanced capacity and continues to develop in this field.



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