



engineering
trasporto sollevamento



Heavy lift spreader beams

The way to lift your ideas

THE COMPANY

ETS is a Leading Company for the manufacturing of Lifting Devices dedicated to the OIL & Gas market both On-Shore & Off-Shore.

ETS main responsibility is towards the continuous improvement of the quality of the product with special attention to environment and safety.

Modern technologies, constant training and commitment are the key factors that complete the great experience matured in the lifting sector after more than 40 years of activities.

Each achievement is the lifeblood for a new challenge.

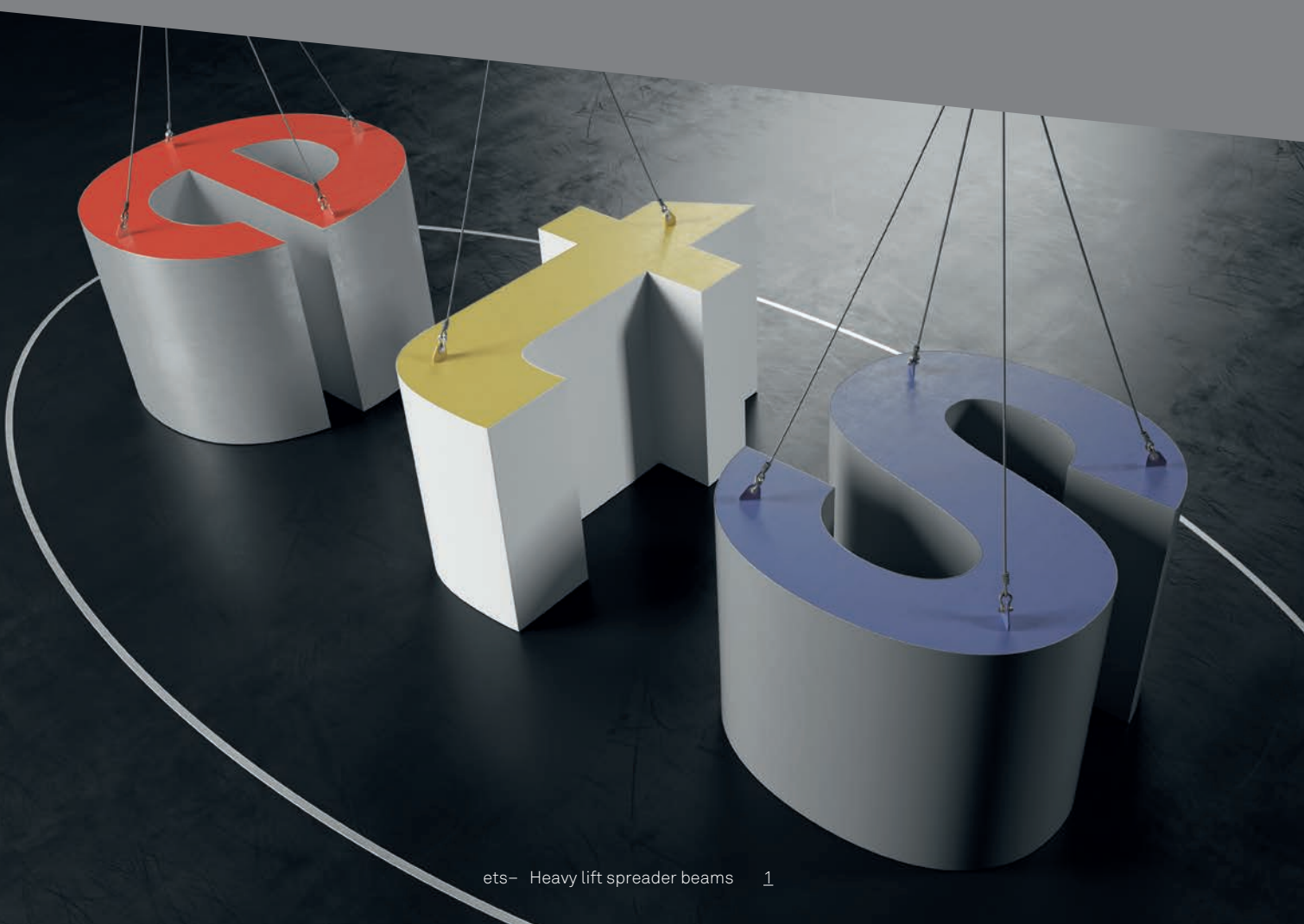
Commitment, expertise, flexibility, innovation make ETS one of the most fair and dynamic companies of this sector in Europe with thousands of projects awarded all over the world for all major EPC companies.

Follow us in our daily endeavor to study, design and realize for you.

THE WAY TO LIFT YOUR IDEAS.

Our Production includes:

- Lifting Beams for industry
- Lifting Beams for energy
- Lifting Beams for Oil&Gas
- SubSea Spreader Beams
- Lifting Accessories



STANDARDS & RULES

Design for manufacturing and execution of lifting equipment.

DIN EN13155 Cranes-Safety-Non-fixed load lifting attachments

DIN EN ISO 5817 Reference standard for the assessment of welded joints and component-specific applications and test certificates; required evaluation class: B

EN ISO 12944-(x) Corrosion protection of steel structures by protective paint systems; required execution class: C3/P1 in the relevant parts (x) of the standard

Eurocode 3-(x) In the relevant parts of the section on the “Design and construction of steel structures”

EN13001-(X) Cranes-design (old national standard: DIN15018)
In the relevant parts(x) of the standard

Machinery Directive EC Machinery Directive 2006/42/EC

ASME IX ASME Qualification Standard for Welding and Brazing Procedures, Welders, Brazers, and Welding and Brazing Operators

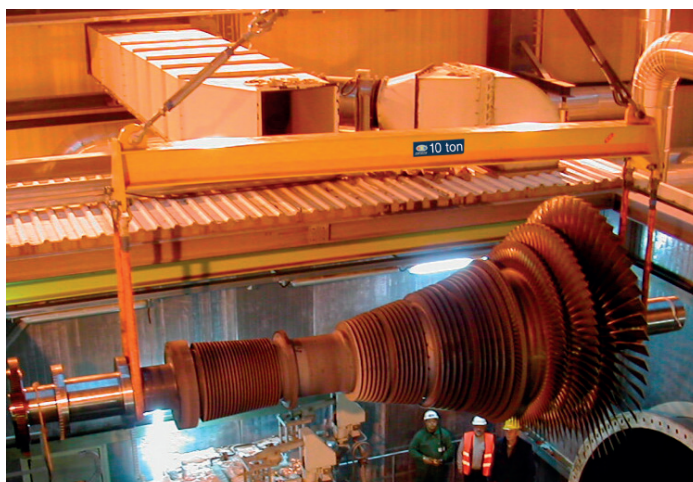
AWS D1.1 Structural Welding Code - Steel

EN 15614-1 EN 287-1 Specification and qualification of welding procedures for metallic mater - Welding procedure test

Compliance & Certification with Third Party Standards & Regulations (DNV, ABS, RINA, SGS, BV, Lloyds) also available.



ENERGY



OIL & GAS



THE WAY **TO LIFT**

ETS is a point of reference for the medium and heavy lifting equipment industry.

ETS has been working in the manufacturing sector of medium and heavy lifting appliances and equipment for off shore and on shore applications since 1977. As a manufacturer, we are able to provide you with tailor-made equipment and customized solutions. Our production includes bridge cranes, gantry cranes, manual and electric hoists & winches and lifting beams. Our growth and development are all about people who work here: qualified engineers and consultants, motivated by passion who are able to respond to the demands of our customers providing efficient and competitive technical solutions that testify the truthfulness of the slogan that best expresses the philosophy of the company **“The way to lift your ideas”**.

SUBSEA

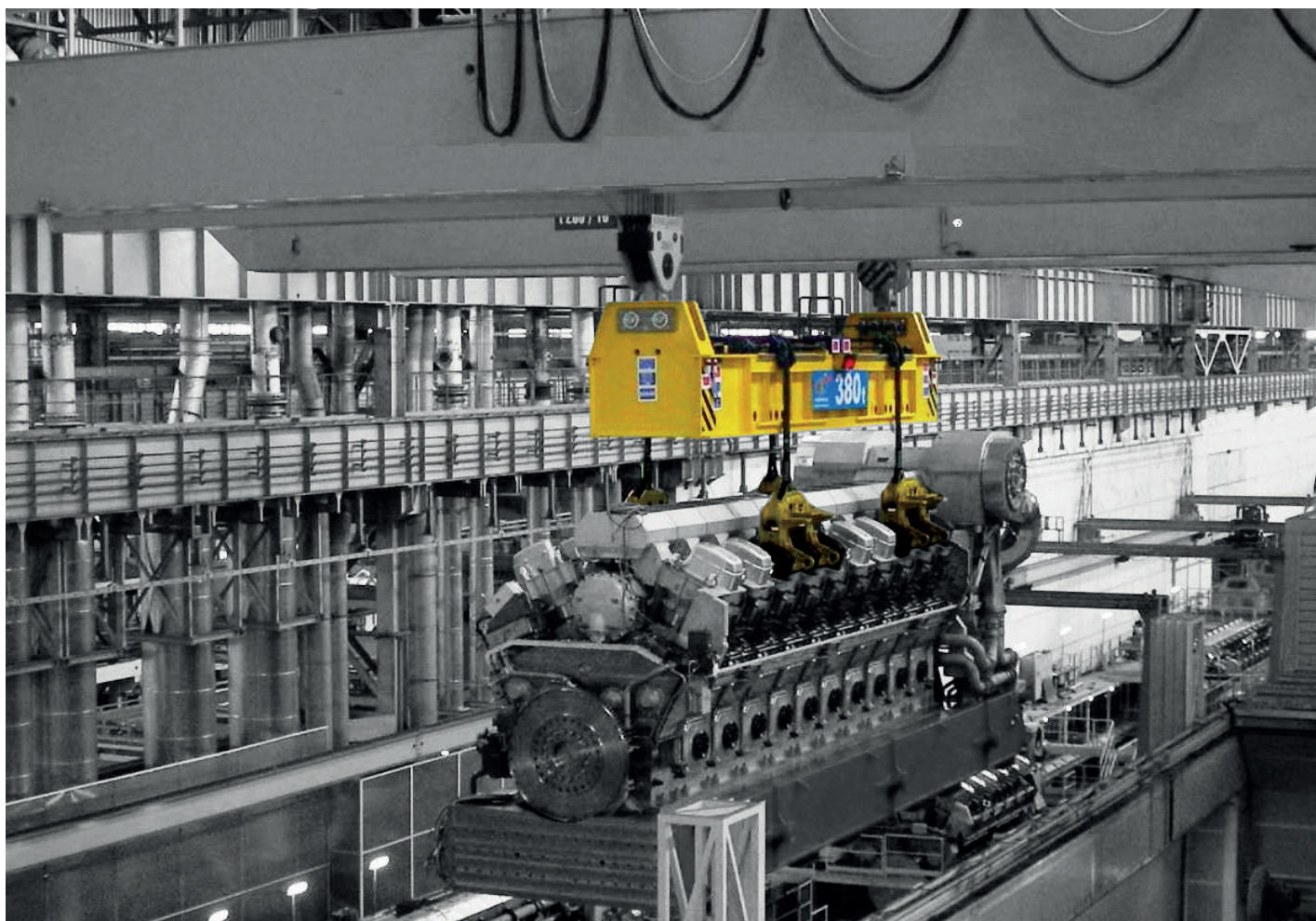


Subsea Spreader Beam.

ETS is specialized in the design and manufacturing of subsea spreader beam specifically studied to be suitable for water submersion by eliminating the risks of cavity or pressure issues. Special attention is dedicated to material selection, welding procedures and testing and painting philosophy to assure the highest performance level.

ETS complies with European Standards and DNV rules.

INDUSTRY



TESTING MACHINES & LOAD TESTS

One of the main challenge of this market is the essential requirements to supply a complete lifting system tested and certified before the use at site and therefore before delivery.

ETS has designed and manufactured a Testing Machine to test Lifting Spreader Beam itself with capacity up to 1000tons. The structure is designed to simulate the real lift action on the lifting bar in configuration with 2 hydraulic cylinders to 540Ton. The machine is certified by third body – Bureau Veritas.

Moreover ETS has designed and manufactured an impressive TEST BED with capacity up to 500 Ton. and length 25 mts. This is Test Bed is specifically used to test ropes, shackles and turnbuckles. A dedicated software provides all necessary information about testing activity.

Thanks to the Testing Machine and the Test Bed, ETS is able to provide a Lifting System fully certified with Notified Body. This is the maximum expression of a Total Service Experience.

