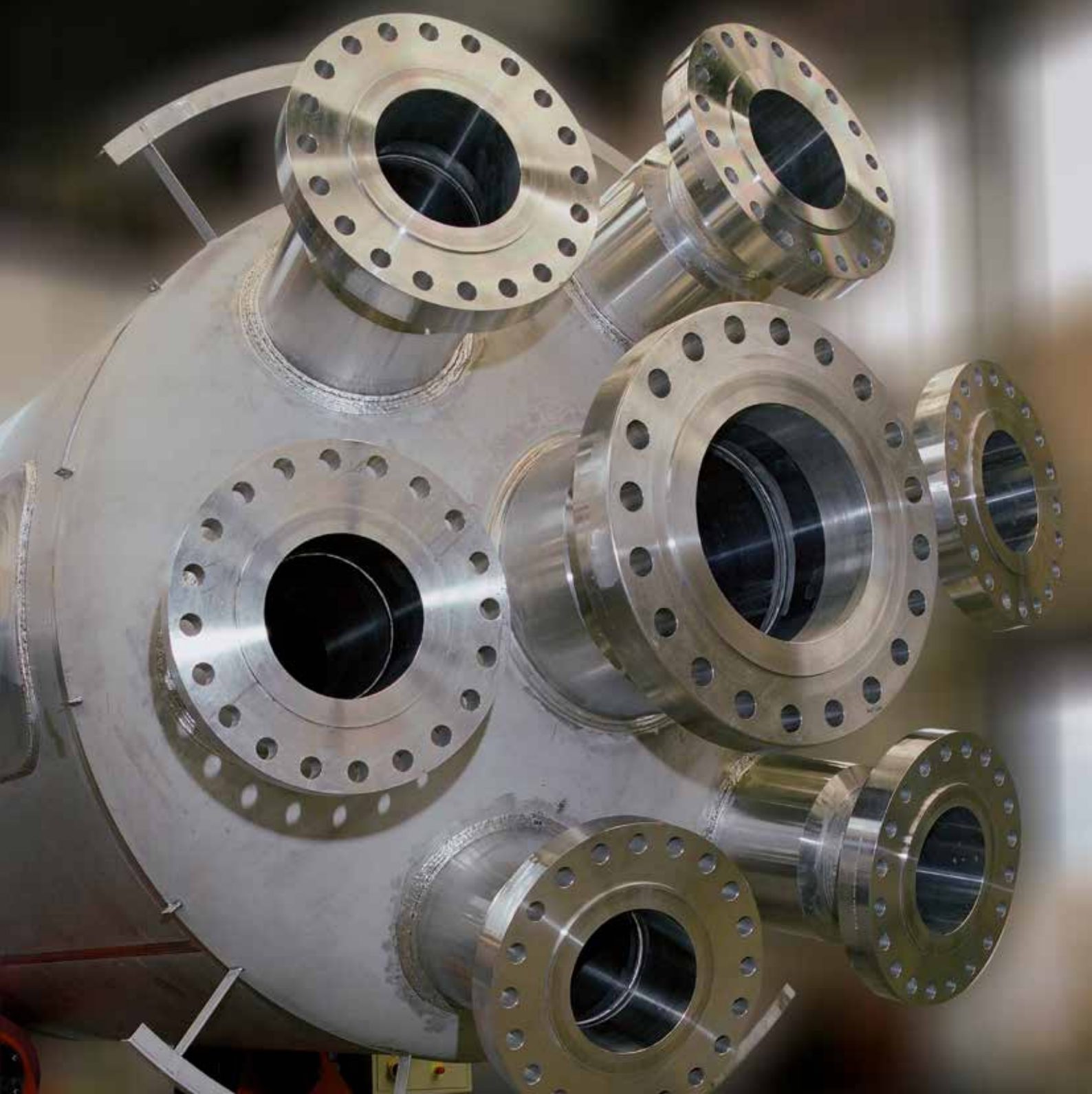




FIB *industries*

Proces- en drukvaste apparatuur

an **ANDUS** group company



FIB Industries

Complete service

Since it was established in 1947, FIB Industries has grown to become a major player in the process and pressure containing equipment market. All over the world, FIB Industries delivers and installs stainless steel and high alloy materials that are essential components of high tech equipment.

Markets

FIB Industries mostly has contact with the end user via OEMs or EPC contractors - or a combination of them. FIB is working in the following markets:

- Petrochemical industry
- Chemical industry
- Offshore
- Maritime sector
- Pharmaceutical industry
- Paper industry
- Food industry

Excellent production facilities

The professionalism and expertise in FIB Industries' manufacturing process spearheads the organization. Work is smart and precise due to extensive knowledge of materials.

FIB Industries can rely on excellent production facilities like a plasma cutting and welding robot. It is controlled by software that derives its data directly from the 3D design drawings

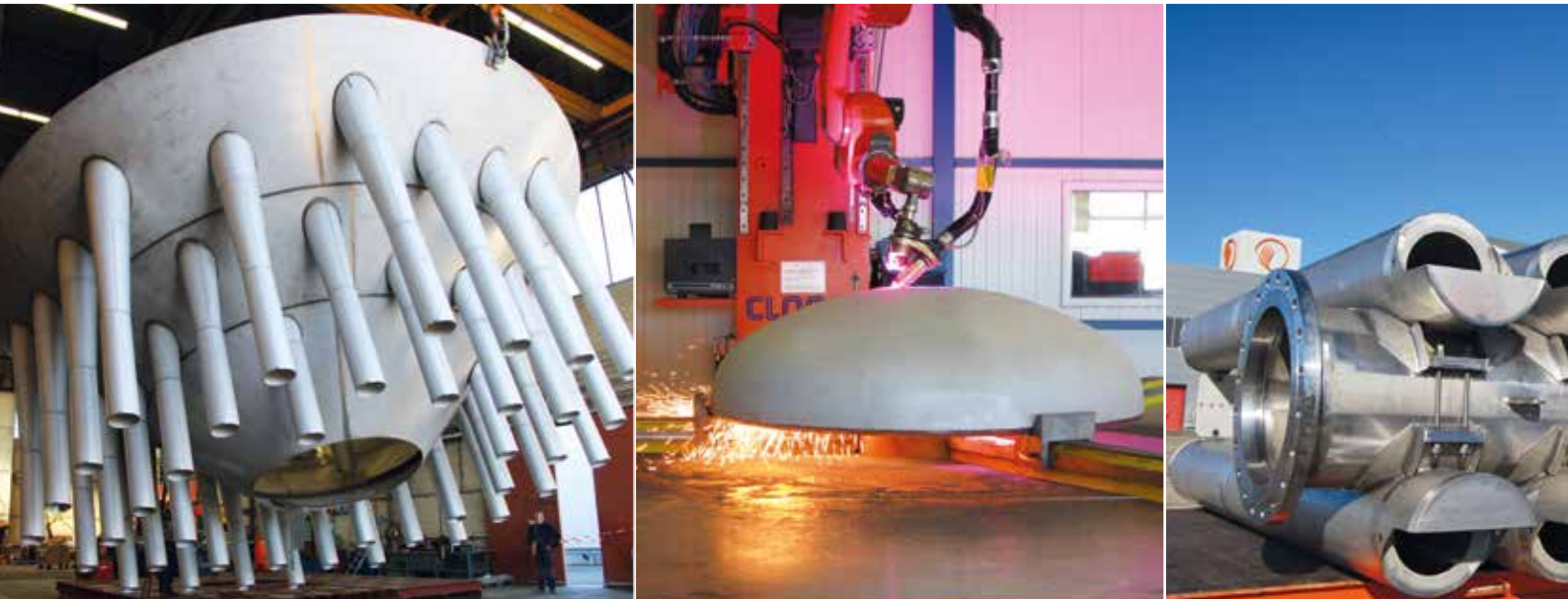
This robot enables fully automated cutting and welding of connections in dished heads and cylinders.

Errors are minimized and strict dimensional tolerances are the result.

The pickling room meets the highest requirements around the pickling process conform ASTM A380/A380M-13. Safety and environment are optimally secured. The pickling room is equipped with a pickling bath of 6 x 2 meters and a depth of 2.2 meters.

Specifications made to measure

The quality of FIB products starts with the quality of the consultation and the engineering.



The project leaders, engineers and planners are very closely involved from the beginning to the end of every project, whether it's large or small, straightforward or complex. And they approach each project with the appropriate level headedness. They possess an outstanding knowledge of manufacturing technology for stainless and alloy steels and know what is required by different industries and processes.

Customer specifications are ingeniously converted into products that are fit for purpose, meet code requirements and are "manufacturable" with the highest efficiency. Engineering activities, strength calculations etc. be carried out by sophisticated calculation and drawing programs like Finite Element Analysis and 3D AutoCAD.

Complex equipment: a critical part of a process installation

FIB Industries supplies a.o:

- Heat exchangers
- Reactors
- Marine scrubbers
- Columns
- Storage tanks

- Pulper drums
- Pressure vessels
- Flare installations

Materials

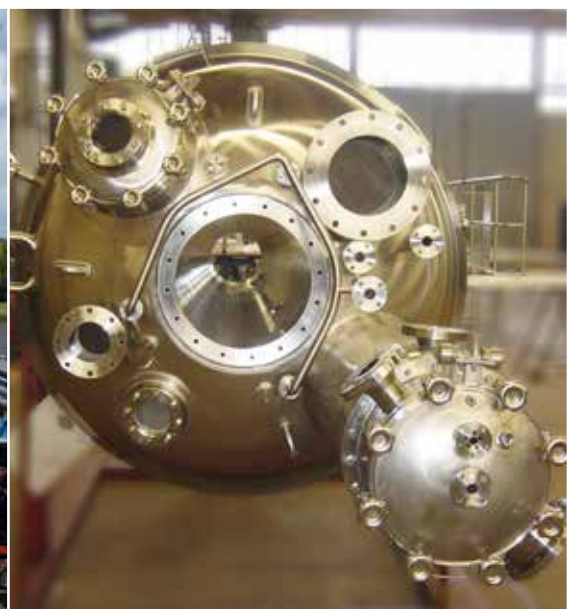
Throughout the world, FIB Industries installs customized stainless steel and high-alloy products, which are vital components of technically complex installations. The products are made from materials such as:

- Types of stainless steel: 6MO; 254SMO; 1.43xx; 1.44xx; 1.45xx; 1.49xx
- Duplex: Duplex; Super Duplex; Lean Duplex LDX; SAF 2507
- Titanium: as a solid material or as cladding
- Other

Design codes

Production takes place according to international design codes and quality requirements:

- EN-13445 [PED]
- RT0D [Stoomwezen]



- GB-150 (China)
- API-560, 620, 650
- NORSOK
- EN 14015
- ASME SEC. VIII Div. 1,2,3
- CODAP
- AD2000
- PD-5500
- KIWA
- BS 2654

Certification

- ISO 9001:2015
- PED D, H, H1
- ASME U, U2, R & NB
- SQL (China)
- EN 3834-2

Practical information

The combination of modern machinery, highly qualified teams and many years of experience makes FIB Industries a versatile and flexible partner for the process industry. FIB Industries is located in Leeuwarden, the north of the Netherlands, alongside the Van Harinxma canal with access to all major seaports in Western Europe. Large and heavy products can be shipped from our own quay.

Established: 1946

Company premises: 55.000 m²

Workshop: 13.500 m²

Maximum diameter: 9 meters

Maximum length: 45 meters

Maximum weight: 300 tons

Maximum height: 20 meters



References

- Aker Solutions
- Akzo Nobel
- Avebe
- Barr-Rosin
- Basell
- BASF
- Bayer
- Belco
- BP
- Cabot
- Chiyoda
- Climax
- CB&I
- CRI
- DSM
- Douwe Egberts
- Dow Benelux
- DuPont
- Dynea
- Eastman
- Emmtec
- Eni
- ExxonMobil
- Escher
- Fluor
- Foster
- GE, Haldor
- Topsoe
- Hoechst
- Honeywell
- Huntsman
- Jacobs
- JGC Corporation
- Dr. W. Kolb
- Lanxess
- Lyondell
- Metso
- Pall
- PDVSA
- Royal Haskoning
- Sabic
- Wheeler
- Sasol
- Shell
- SPX Dehydration
- Tebodin
- Technip
- UHDE



Serving the industry



Refractories

Gouda Refractories
Gouda Vuurvast Belgium
Gouda Vuurvast Services
Gouda Feuerfest Deutschland

Steel Structures

HSM Offshore
HSM Steel Structures
Lengkeek Staalbouw
RijnDijk Staalconstructies

Specialties

Armada Janse
Armada Mobility
FIB Beer Systems
FIB Industries
ISS Projects Slovakia
Van Voorden Foundry

Part of a greater whole

FIB Industries is part of Andus Group, an international operating holding company. The subsidiaries of Andus Group have one aim: Serving the industry. And they have one characteristic in common: to be the best within their own specialisation. On specific projects, group companies work together, combining their experience and resources.

The ambition is clear: the Andus Group companies are always aiming to achieve maximum client satisfaction. This requires high quality, experienced and skilled project management and the use of innovative methods when designing, producing and realising projects. That is why Andus Group can continue to further strengthen their possibilities at the top of the different market segments.

In short: Andus Group is a powerful and reliable partner completely geared to your success.



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