

FIB Beer Systems




FIB *industries*

an ANDUS *group* company



Complete service

During the past 65 years, FIB Industries has grown into one of the major players in the processing and pressure containing equipment market. FIB delivers and installs tailor-made products worldwide, made of stainless steel and high-alloy materials that are a vital part of high-technology installations.

Excellent reputation

Thanks to its thorough knowhow in special equipment and products, FIB Industries has built up a reputation in developing and producing customer-specified and complex welded constructions in which solid dimensional stability and craftsmanship are required. It is an innovative and market oriented company. For instance, 30 years ago FIB was at the basis of a revolutionary development: a hygienic, user-friendly and environmentally-conscious system to

distribute all kinds of beer types as efficiently as possible. The FIB beer system signified the end of an era of shoving and dragging barrels, inefficient storage, labour-intensive efforts and beer loss at the tap (due to overfoaming). The FIB cellar beer installations are complete beer systems, 'from the brewery to the glass'. This way, first-class beer is tapped at the right temperature from the FIB beer systems: in pubs, bars and hotels, on cruise ships, in stadiums and at event locations. The FIB beer concept adheres to all hygienic requirements by integrating cooling techniques and tank storage.

From brewery to tap

The FIB beer concept is an all-in concept. At selling points such as bars and restaurants, cellar beer equipment is installed, consisting of at least two beer tanks with a cooling system and beer lines right up to the taps. The beer tanks are provided with customer-specified 'in-liners'. The brewery distributes the cooled beer in various types



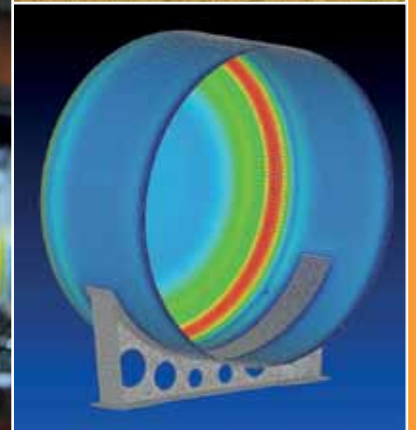
of beer trucks – also built by FIB – to the cellar beer installation. The in-liners are filled and the system is immediately ready to tap deliciously cool beer. Thanks to the clever design, all the beer in the installation remains at the same desired temperature. An important advantage of the system is that, instead of carbon dioxide, air is used to pump the beer from the beer tank to the tap. This saves on costs and avoids unsafe conditions. When the tanks are refilled, the used in-liners are replaced in a simple and user-friendly fashion.

The best service

The FIB beer system has been thought out into its smallest details and further developed into what perhaps is the most intelligent beer delivery concept in the world. Not surprisingly, breweries at home and abroad are embracing the FIB concept. It really is an all-in concept. FIB produces, delivers and assembles cellar beer installations, beer trucks, beer containers and trailers, individual

tanks, piping and control systems and also offers a well-organised cooling equipment maintenance service. A network of certified maintenance centres has been set up, holding a stock of all possible parts needed. FIB can be contacted 24 hours a day/7 days a week in order to resolve eventual problems as quickly as possible.

The FIB beer concept means easy distribution and serving facilities in the best way possible. Bar and restaurant owners do no longer need to be concerned about their beer stock level or the quality of the beer at the counter; both will continuously be of the highest level. The valuable product is transported and stored under very strict hygienic conditions. The owner will also have less tap waste, will gain a lot of time and suffer less physical efforts. In addition, it offers a very intelligent way to deal with energy and environmental costs. The system holds down operational costs in many respects.



High-quality products

FIB Industries designs, builds and delivers the following products and services, among others:

- Cellar beer tanks
- Tanks at events
- Beer storage tanks
- Transport tanks
- Fermentation tanks
- Beer trucks
- Beer containers
- Beer trailers
- Control systems with MID (Measuring Instrument Directive)
- Tailor-made cooling and freezing cells
- Installation
- Maintenance and service 24hrs. a day/7 days a week

Design codes

- Pressure Equipment Directive (PED H, H1, D)
- European Norm (EN-13445, EN-14015)
- Guideline for Pressurised Equipment (RToD)
- American Standards for Mechanical Engineering (ASME div VIII U1, U2, R1, R2)
- Deutsche Merkblätter (AD2000, TÜV Nord HP0, TÜV Nord WHG)
- British Standard (PD-5000)
- CODAP division 1 & 2
- American Petroleum Institute (API-560, - 620, 650)
- Manufacturing License China
- KIWA
- CE





Practical data

The combination of modern equipped machinery, a highly qualified team and years of experience make of FIB a versatile and flexible partner for the beer industry.

FIB Industries is located in Leeuwarden, in the North of The Netherlands, at the banks of the Van Harinxma canal that leads to the Wadden Sea. Thanks to its own quay, large and heavy products can easily be shipped.

Founded:	1946
Industrial area:	55,000 square metres
Workshop:	13,500 square metres
Maximum diameter:	11 metres
Maximum length:	65 metres
Maximum weight:	300 tons
Maximum height:	20 metres

Part of a greater whole

FIB Industries is part of Andus Group. 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. With specific projects sister companies support one another so that each other's know-how and abilities can be taken advantage of.

Andus Group is a company (1,000 employees and an annual turnover of over EUR 200 million) which can realise any industrial construction project in any segment what so ever. The ambition is clear: the Andus companies are at the disposal of the client and in that way they try to obtain maximum client satisfaction. That is why Andus Group can keep on moving at the top of the different market segments. This demands high quality and the application of innovative methods when designing, producing and realising construction projects. And of course optimum service from solid project management. Andus Group is a powerful and reliable partner completely geared to your success.



Construction

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Lengkeek Staalbouw
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Offshore

HSM Offshore
Van Voorden Maritime
Royal Van Voorden Castings



- Antwerpen, Belgium
- Parsau (Wolfsburg), Germany
- Willich (Düsseldorf), Germany

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