



SPECIALIST IN
SQUARE SILOS



COMMITTED PARTNER

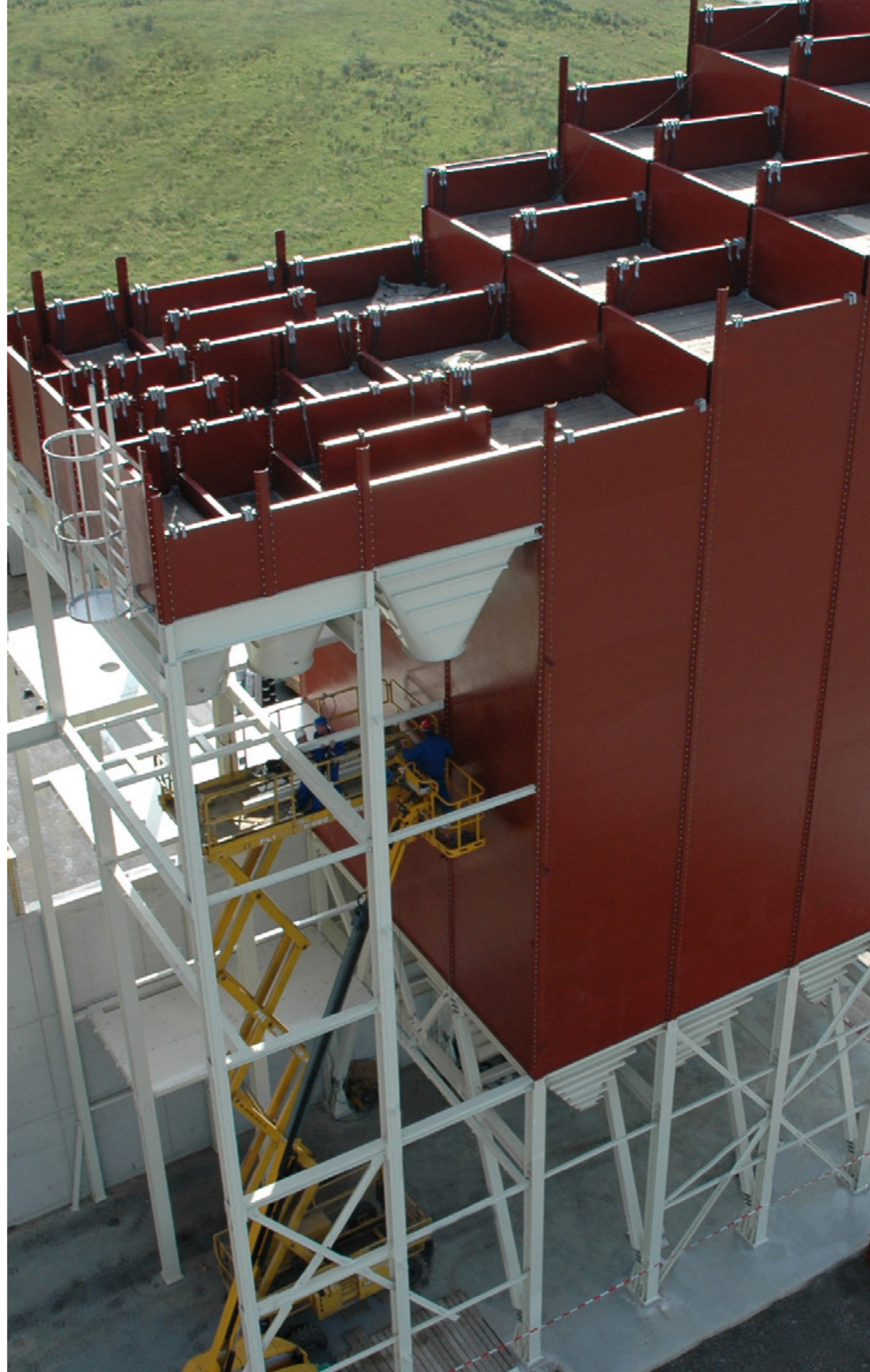
As a specialist in building square silos TSC Silos supplies an end product that meets the highest quality requirements. We provide our customers with custom-made solutions for bulk storage in a variety of industries around the world. In everything we do we combine high-tech quality standards with a down-to-earth, yet smart approach. We are able to handle projects from A to Z: from design and calculations to production and installation. Our engineers calculate every silo in accordance with the latest standards and take local requirements into account.

We use our focus and expertise to design suitable rectangular silo installations of which we are proud. TSC is the committed partner that contributes to maximising your possibilities. This results in proven solutions. We offer more for less.



A world that is increasing by 250,000 people a day requires us to do more with less. Moreover, the demand for more will only increase. At TSC we ask ourselves every day: how can we achieve more with less?

- Less expense. More result.
- Less Material. More quality.
- Less wastage. More sustainability.
- Less complexity. More safety.
- **Less space. More possibilities.**



SPECIALIST IN SQUARE SILOS

Our silo system consists of various steel silo components that are assembled in a modular fashion layer by layer. What are the advantages of the square silo? And when is it applicable? In short: Why Square?

ADVANTAGES:

- Maximum storage capacity
- Optimum flexibility and traceability
- Part of your process
- Structural part of the building
- 100% custom-made
- Greater sustainability
- Efficient transport



AB InBev - Stella Artois Brewery

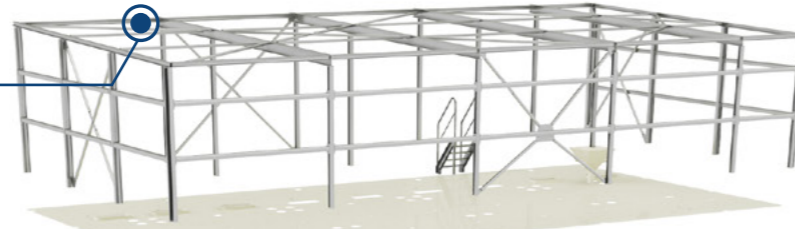
Leuven | Belgium | Beer Breweries

Capacity: 2000 m³, 12 bins

At AB InBev's flagship brewery TSC realized a square silo block for the storage of raw materials on an atypical surface. On top of the circular intake hall maximum storage capacity has been created by narrowing the width of the bins towards the front. The installation took place without removing the prominent logo of Stella Artois. Quite a challenge at 40 meters high.

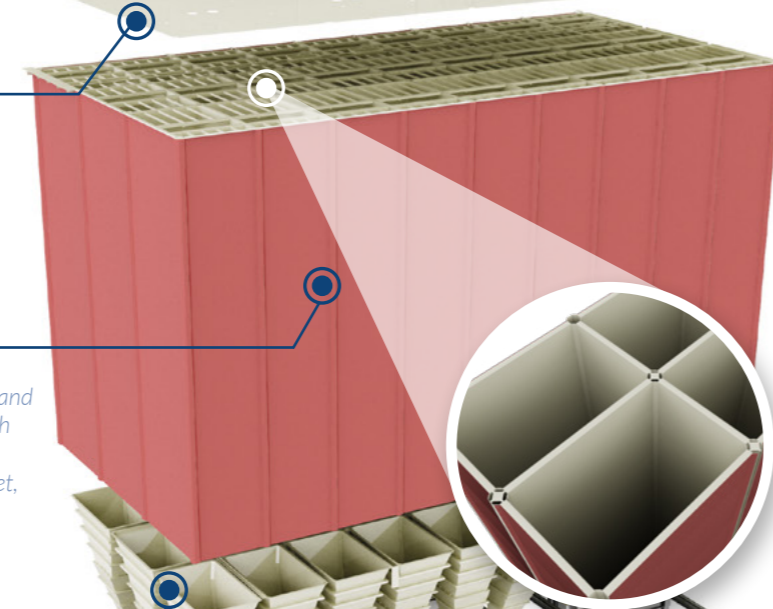
ROOF CONSTRUCTIONS

To guarantee safe and hygienic working conditions we offer custom-made roof constructions which are totally in line with the silo and ready to be cladded.



BIN ROOFS

Hygiene and safety are the key words when it comes to our bin roofs. We make sure the product inlets fit perfectly and applicable machine loads are taken into account. Our bin roofs are always equipped with the desired flanges, sensors and filters



WALLS

The product to be stored determines the wall system, either a profiled- or a twin-skin smooth wall. The profiled wall is stronger and because of the single-plated system more economical. The smooth wall ensures maximum flexibility, as it guarantees a problem-free product outflow even for the most difficult bulk goods. Don't forget, all our walls are tailor-made.

HOPPERS

We devote a great deal of attention to our hoppers, as they literally are the bottleneck in the process. By applying the tailor-made principle, we ensure a perfect transition from wall to the hopper and a seamless connection to the rest of the process.



STEEL CONSTRUCTIONS

The steel construction has to bear heavy loads, both from internal - the silo weight - and external factors, such as earthquakes. We supply suitable steel support constructions which are calculated in accordance to the latest standards and local requirements.

PRODUCTS

Our silo system is the most effective solution for dry and granular bulk goods that are to be further processed into various types and grades. The steel silo panels are used to create rectangular or square silo cells that enable optimum use of the available space. The panels are supplied in many widths. Combining different sizes produces a range of possible cell sizes. Nothing in our silo system is standard and every project is different.

TSC DELIVERY PROGRAM:

- Smooth & Profiled wall bins
- Hoppers and bunkers
- Bin roofs
- Steel and roof constructions
- Roofing materials and cladding



Patent co

Mišićevo | Serbia | Feed

Capacity: 7.500m³, 90 bins

Concerning its new feed plant the Serbian compound feed company Patent co. trusted TSC's expertise. Our square silo construction enables Patent to produce flexibly on a limited surface. A wide variety of product types, such as raw materials, minerals, pressmeal and finished products are being stored in this fully integrated plant.

INDUSTRIES

Our custom-made installations have many advantages that easily meet specific market requirements all over the world. Dry raw materials are often processed into high-quality end products under one roof, and this is where the structural and space-saving advantages of square silo truly come into their own. You will find TSC's square silos in a wide variety of industries such as:

- Feed
- Food
- Commodities
- Other industries





Cambodia Brewery Ltd.

Phnom Penh | Cambodia | Beer Breweries

Capacity: 14.500m³, 18 bins

In Cambodia TSC installed 18 raw material bins needed for the beer brewing process. At first sight not very special, however 14 bins have the extraordinary dimensions of 6 by 6 by 28 meters, resulting in a storage capacity of more than 1000 cubic meters each. To realize this tremendous project we shipped more than 50 containers to the Far East.



Top Silo Constructions BV
Aalten - The Netherlands
info@tsc-silos.com
www.tsc-silos.com

