

Rebuilding Ukraine



LOSBERGER DE BOER



Built in weeks,
used for decades

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Why modular construction can play a vital part in rebuilding Ukraine

For several years now, modular, semi-permanent construction is on the rise as a fast and flexible alternative to traditional builds. High-end modular schools, hospitals and houses can be used for decades, and can be built within weeks. As a leading innovator and supplier in the field of rapidly deployable buildings, we can offer the Ukrainian people the pace they need to bounce back as quickly as the current state of technology allows.

To allow things to return to normal as much and as fast as possible, a quick rebuild of your social infrastructure is key. We have developed modular building concepts for several vital elements within that infrastructure. We have the blueprints, materials and manpower ready to build the following facilities:

- Schools
- Hospitals
- Supermarkets
- Airport terminals
- Industrial complexes
- Housing campuses
- Supporting infrastructure

What is modular construction?

Losberger De Boer was the first to introduce modular construction systems based on an aluminum or steel frame, in the early 1980's. This German innovation meant that different, prefabricated parts could be combined endlessly to create entire buildings that were fully flexible in terms of size, strength, layout and design. This method has been used successfully for decades, and through continuous product development and engineering, our modular construction systems can now be used for a wide array of purposes. In addition to this, we use a construction system that utilizes modular units to great effect, further increasing our options to deliver the best possible space solution at all times.

How does it work?

Our modular structures contain a set number of parts and components, as well as a lot of parts that allow us to create variations. By adding more parts, we can create a longer, wider, or higher structure. By adding additional parts, we can change both the functional layout as well as the exterior design. There are different roof types available, as well as different types of wall panels, doors, windows, etcetera. In essence, the construction system that is used for a small storage facility, can be adapted to be used as a fully functional supermarket, or school. By combining the right parts, we can create structures that match even the most specific requirements.

How long does it take to build a modular structure?

Although it depends on a large number of variables, such as the size, requirements in terms of wind and snow load, the terrain and transport, we can say, generally speaking, that when we have the materials ready, we can build entire buildings in just a few weeks. To give an example: after a school in the UK burned down on December 27th, they were able to reopen on January 9th, inside the new school building we built for them. For the sake of quickly rebuilding your social infrastructure, we have developed standardized versions of several key facilities. This will allow us to build as fast and efficiently as we can. Mind you, we can still alter or customize these buildings.

How strong is a modular building and how long can it be used?

Our buildings can be delivered fully in compliance with the Eurocode. They can be equipped to handle snow loads of up to 350 kg/m² and offer a wind resistance of up to 30 m/s. We have recently delivered a clearspan building, which means the structure does not make use of support columns, of 250 meters long in a snow-rich area in Austria.

Our structures are semi-permanent. They can be used for decades. A Losberger De Boer building can be used for 30 years, and with proper maintenance, indefinitely. Currently, countless Losberger De Boer buildings around the world are in permanent use as a warehouse, terminal, or supermarket.

How can modular construction help you?

We are absolutely certain that modular construction provides the people of Ukraine with the fastest, most efficient way to rebuild their most important facilities. Why?



A Losberger De Boer building:

- Can be installed in weeks;
- Can be used for decades;
- Can be customized, before and after installation;
- Remains scalable after installation;
- Remains relocatable after installation;
- Offers the same level of comfort as a traditional building.

The fact that modular buildings remain scalable and relocatable is another big plus. A Losberger De Boer hospital or school building can always meet a community's demand, as it can grow (or shrink) along with that demand. In a few days or weeks, we can add new classrooms, a hospital wing or a new terminal. Moreover, the option to build a facility on a temporary location and relocate it at a later time, further adds to the flexibility modular construction offers.



| Working with Losberger De Boer

A centennial company with a proven track record

Losberger De Boer is one of the world's leading suppliers of temporary and permanent space solutions. Our structures and buildings are used for commercial purposes, public use, events, and military and humanitarian application.

Losberger De Boer was founded over 100 years ago, in 1919, in Heilbronn, Germany. The company is the result of the merger between Losberger and De Boer Structures. Losberger De Boer is headquartered in Fürfeld, Germany and has offices, production facilities and teams across the world. All Losberger De Boer buildings and structures are engineered, designed, developed and produced inhouse, so that we can guarantee we always meet the highest quality standards.

Losberger De Boer's core value is embedded in the company slogan 'Committed to your success'. As a contractor, we are dedicated to providing you with the best possible solution for short or long term use, and the best possible customer experience.

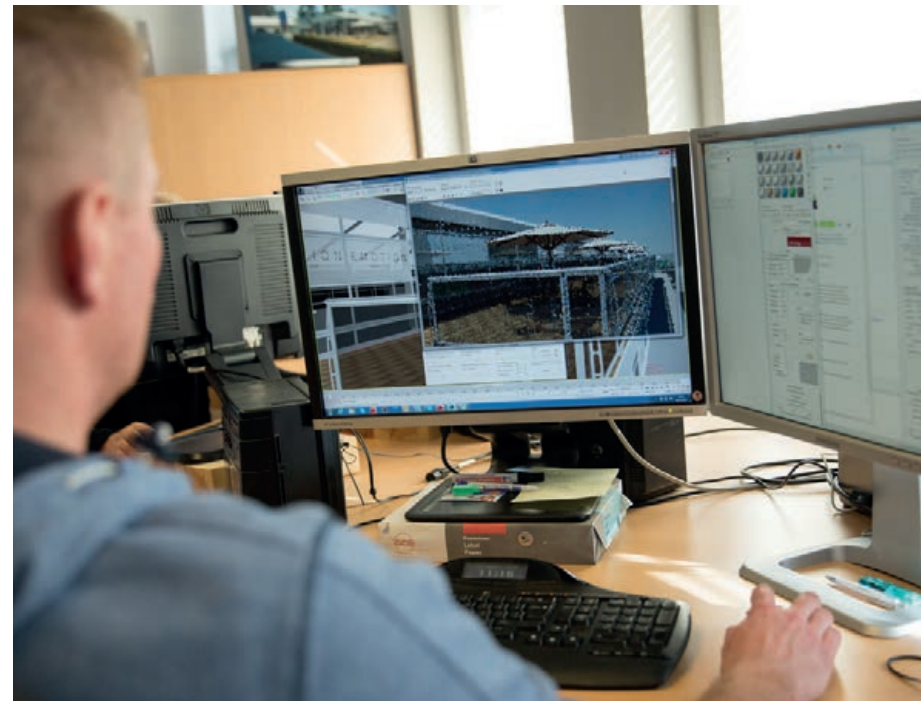
The certainties of choosing Losberger De Boer

Choosing to work with Losberger De Boer brings with it several certainties, such as the certainty of carefully developed, proven-quality products that meet all relevant safety requirements. You can also be certain of working with a partner who guides you through every step of the process and arranges everything for you down to the last detail.

Certified production process

All our components and systems have been developed with the greatest care and precision using our proven quality management systems and the latest techniques. We trust in the quality of our product. Therefore, we guarantee all vital components without our mobile space solutions.

All our design, production and assembly processes are officially certified.



A quick solution guaranteed

As mentioned before, our modular construction systems can be installed and operational very quickly, meaning we can offer you a short-term solution that is fit for long-term use. As one of the largest global space solution providers, we have sufficient stock and capacity to deliver and build large amounts of structures in the Ukraine within a short timeframe.

The certainty of timely delivery

When you work with us, you can be sure we will meet all of your requirements and deliver your structure or project in time and within budget. You can rest assured knowing that the buildings we deliver come from a reliable manufacturer who has decades of experience in the development, manufacture and installation of the highest quality structures.

Choosing Losberger De Boer is choosing peace of mind, the certainty everything has been thought of and that everything will be taken care of down to the last detail.

Our guarantee: structures of the highest quality

All Losberger De Boer buildings meet the highest quality standards. They are designed and developed with care and attention to safety and functionality by our engineers, and are manufactured in Germany. All production processes adhere to strict German regulations, and our products represent the highest standard of quality and reliability worldwide.

A Losberger De Boer structure is always the product of dedication, craftsmanship and our commitment to offering the best possible space solutions to our customers.

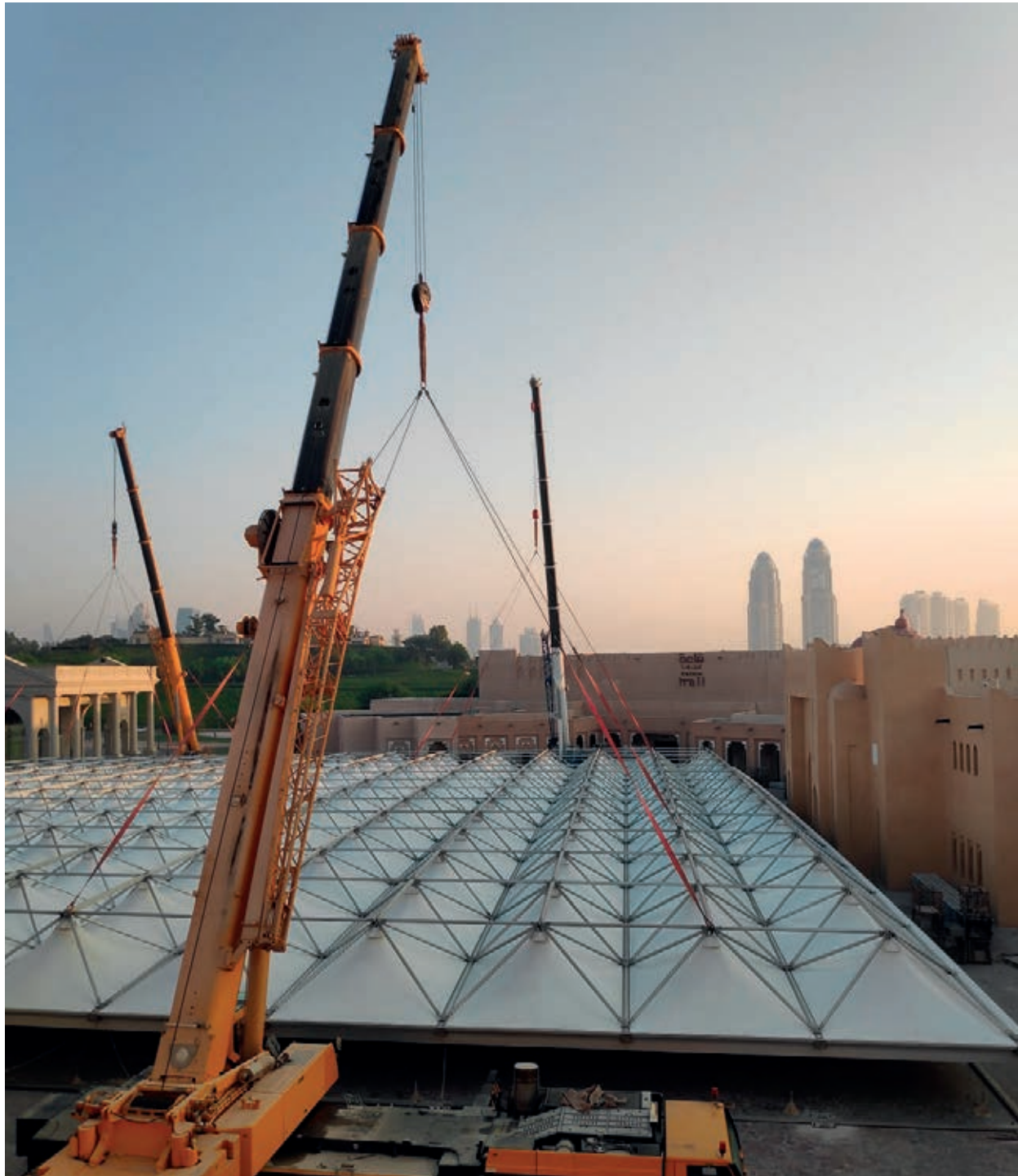
We are committed to providing the best quality in the fields of:

- the use of materials
- product development, design and engineering
- manufacturing
- advice and guidance
- logistics and delivery
- project completion and handover
- project management
- the selection of trusted service partners

Creating jobs for the people of Ukraine

Losberger De Boer has the blueprints, materials and manpower to start helping Ukraine rebuild as soon as possible. We can further speed up our operations by adding a local labor force.

We are prepared to hire and train local specialists to help with the installation of the schools, houses and other facilities. After the project, they can either seek employment elsewhere, or join Losberger De Boer's installation team, which installs projects all over the world.



Tailor-made solutions



Airport terminals

Getting airport traffic back to a normal level, or even increasing airport capacity, is of vital importance to Ukraine when the country starts to rebuild. Airports play a key role in international trade and politics, in re-uniting families, and are used to transfer supplies, goods, food and aid workers to the Ukraine.



How can we help?

We can help by building temporary or permanent airport terminals within a matter of weeks, allowing airports to either re-open or to be used at full capacity once again. Our structures can be used while existing facilities are being rebuilt, or to temporarily increase airport capacity, while we can also deliver airport terminals that are fit for permanent use.

We can also provide airports with other important facilities, such as aircraft hangars, baggage handling facilities, security check-ins and storage buildings.

Our track record

Losberger De Boer has delivered multiple terminals and other airport facilities to major airports in countries all over the world. We have decades worth of experience in this field and our semi-permanent terminals have been used for short, mid and long term use at airports in Amsterdam, Rotterdam, London, Berlin, Munich, Brussels, Lisbon, Doha and Abu Dhabi.

A Losberger De Boer airport facility

- Can be built while the airport remains operational
- Can be delivered to your exact specifications
- Is ready in weeks
- Can be used for decades
- Can be scaled up and down
- Can be relocated or adapted for other uses



Examples, designs and prices

For more information, including detailed product information, please scan the QR code or go to:
www.ldb.eu/global/ua/solutions/airportterminals

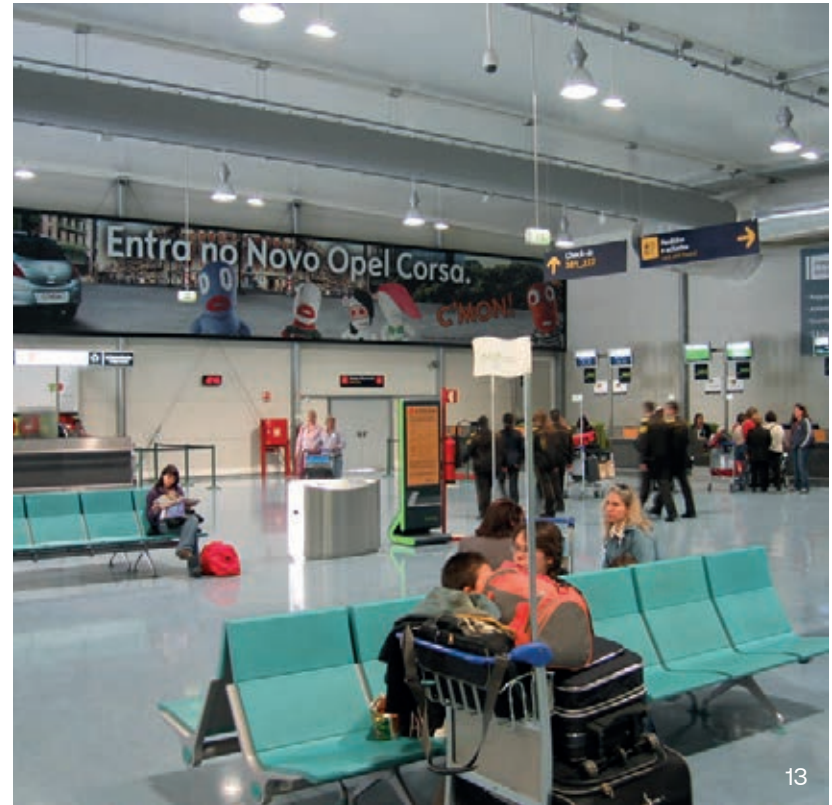
Testimonial

“Building any facility in a live operational Airfield area has unique complexities beyond usual construction constraints. Losberger De Boer rose to the challenge and delivered a quality facility that has been used a number of times, not only during periods of disruption, but for other activities where a large covered space, or a non-intrusive baggage training facility, is required.”

Amanda Warner, Heathrow Airport.



Airport terminals



Tailor-made solutions



Hospitals

Rebuilding or replacing damaged or demolished healthcare facilities is no small task. With a combination of structures, tents and units, and in collaboration with our trusted partner Hospitainer, we can help your healthcare sector to run at full capacity once again – as quickly as modern technology allows.



How can we help?

Together with our partner for medical solutions, Hospitainer, we can help by building medical facilities of all sorts and sizes quickly. Our mobile medical solutions range from immediately deployable emergency field hospitals and hospital camps, to fully functional triage centers, hospital wings and general practitioner's offices.

We can help you temporarily replace damaged facilities quickly, while the originals are being re-built. We can imagine the healthcare system being overloaded in some areas. Here, we can build extensions to increase capacity, triage centers to relieve some of the pressure or emergency (field) hospitals in areas where time plays an even more important factor.

Thanks to our partnership with Hospitainer, and the combined use of structures, inflatable buildings, tents and units, we can deliver entire clinics in a matter of days. These mobile, professional medical facilities are semi-permanent, and can be used for longer periods.

Our track record

Losberger De Boer and Hospitainer have been supplying the world with emergency space solutions for decades now, and our track records are excellent. Both parties have experience in delivering medical facilities all over the world. Facilities we have delivered the last two years, and for which we have the blueprints ready, include triage centers, emergency hospitals, temporary morgues and mass treatment centers.



Examples, designs and prices

For more information, including detailed product information, please scan the QR code or go to:
www.ldb.eu/global/ua/solutions/hospitals

Our medical solutions

- Can be built anywhere
- Can be delivered to your exact specifications
- Can be ready in days or weeks, and can be used for decades
- Will provide a safe and good working environment for medical professionals
- Can be scaled up and down
- Can be relocated or adapted for other uses

Testimonial

“Losberger De Boer’s medical facility was delivered in ten days and allowed us to handle the additional influx of patients efficiently, safely and quickly.”

Onze Lieve Vrouwe Gasthuis Hospital representative in Dutch nationwide newspaper Het Parool, 2020.



Hospitals



Tailor-made solutions



Housing

With so many people's homes having been destroyed, providing adequate housing for all affected families, as well as returning refugees, will be a major challenge. It is, however, a challenge we can help you with.



How can we help?

We can help by building large-scale housing facilities, that can host significant numbers of people, on short-term, at any location. We can house people under comfortable conditions, while their original homes are being rebuilt.

Based on our experience with housing projects and refugee shelters, we have several blueprints ready. Our housing centers can be equipped with separate living rooms, kitchen units, sleeping quarters, and sanitary facilities, in combination with a central recreation room. We can easily modify this concept, based on local requirements or preferences.

We can make use of tent structures, modular units, or a combination of both, for maximum speed and flexibility.

Our track record

Over the last decades, we have built countless housing facilities, refugee shelters and asylum centers, all with one purpose: to give people affected by forced displacement, a proper home for the foreseeable future.



Examples, designs and prices

For more information, including detailed product information, please scan the QR code or go to:
www.ldb.eu/global/ua/solutions/housing

A Losberger De Boer housing solution

- Can be built anywhere
- Can be delivered to your exact specifications
- Is ready in weeks, and can be used for decades
- Can host large numbers of people comfortably
- Can be scaled up and down
- Can be relocated or adapted for other uses

Testimonial

“Smooth process, delivery and dismantle – all very reliable.
The units are impeccable.”

Tim Ballreich, Martinshof.



Tailor-made solutions



Supermarkets

Supermarkets are essential for the livability of towns and municipalities, as they provide food, groceries, and most basic necessities for all people in their area. Supermarkets play an important role in the social and economic infrastructure, as well as the local economy, by offering jobs to local workers. Moreover, supermarkets are a vital part of a community's everyday life. Allowing people to do their grocery shopping, and meet each other in a comfortable environment again, will help build the sense that day-to-day life is getting back to normal again.



How can we help?

We can help by building supermarkets on short-term, at any location. We can recreate the original supermarket and make it suitable for permanent use, or we can deliver a temporary facility while the original one is being rebuilt.

We can also create large-scale, all-in-one facilities that can house multiple supermarkets, grocery stores and other local retail facilities as an integrated solution that greatly benefits the local community.

Our track record

Losberger De Boer has decades worth of experience in building temporary, replacement or permanent supermarkets, that offer the same level of comfort as a shop built with regular construction methods.

We have built supermarkets in Germany, The Netherlands, Belgium and the UK. Our oldest retail facility that is still in use today, is in De Zilk, The Netherlands, where it continues to service the community since 2008.



Examples, designs and prices

For more information, including detailed product information, please scan the QR code or go to:
www.ldb.eu/global/ua/solutions/supermarkets

A Losberger De Boer supermarket

- Can be built anywhere
- Can be delivered to your exact specifications
- Is ready in weeks
- Can be used for decades
- Can be scaled up and down
- Can be relocated or adapted for other uses

Testimonial

“The assembly of the supermarket hall was well structured and agreements were strictly adhered to. The quick reaction of Losberger De Boer in case of unexpected problems as well as their accommodating attitude convinced us very much.”

Peter Alt, Feneberg Lebensmittelmarkt



Supermarkets



Tailor-made solutions



School buildings

Schools being closed is one of the most disruptive things for everyday life, as they are an integral part of our social infrastructure. Making sure every student can go back to school as soon as possible, is of the highest importance.



How can we help?

We can help by building flexible school buildings on short-term, at any location. We can install school buildings quickly and efficiently, customize them to meet local demands, and create an environment that is safe and comfortable for children.

We can erect schools, while the original ones are being rebuilt. We can also deliver entire new, permanent school buildings or large integrated solutions, which can house multiple schools, but also include other facilities, such as kindergartens, daycare centers, and medical practitioners. A permanent school building can be scaled up and down at a later time, to continue to meet the demands of the community.

Our track record

We have built multiple schools in different countries, from primary schools to facilities used for college and university-level education. We can make use of our modular structures, modular units, or a combination of both. In the UK, we delivered a fully functional school building in less than two weeks, when the original campus was destroyed by fire.

A Losberger De Boer school

- Can be built anywhere
- Can be delivered to your exact specifications
- Is ready in weeks
- Can be used for decades
- Can be scaled up and down, to be future-ready at all times
- Can be relocated or adapted for other uses

Testimonial

“I have been tremendously impressed by Losberger De Boer. Not only by the quality of their systems, but also by how quickly they understood our project, both from a technical and educational prospective. The way in which their creative and technical people have applied themselves to deliver such a swift response was equally impressive.”

Stuart Clark, Lytchett Minster School, UK.

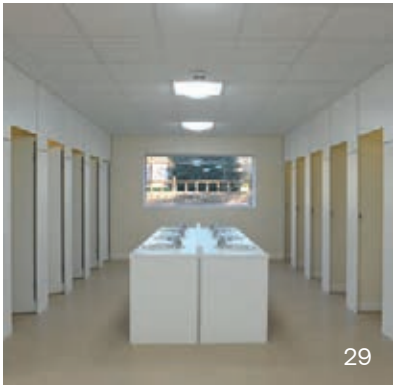


Examples, designs and prices

For more information, including detailed product information, please scan the QR code or go to:
www.ldb.eu/global/ua/solutions/schools



School buildings



Tailor-made solutions



Industrial complexes

To rebuild your country, you need healthy businesses that produce goods or deliver services, fuel the economy and supply jobs to the masses. Helping Ukrainian companies to get back on track as soon as possible will also be a major catalyst for social recovery, as a return to work also means a return to everyday life.



How can we help?

We can help by building flexible industrial buildings and complexes on short-term, at any location. We can install a wide variety of facilities that will allow businesses to either resume their work or perform at peak efficiency as soon as possible.

We can erect temporary buildings, while the original ones are being rebuilt. We can also deliver entire new, permanent industrial buildings or even large complexes, which can consist of multiple facilities, ranging from factories and production facilities to warehouses and office buildings. Please know that a Losberger De Boer industrial building remains scalable after installation, which means that our space solutions allow businesses to be flexible, as they can be easily adapted to facilitate rapid or further growth.

Our track record

Losberger De Boer is one of the global leaders in producing temporary and semi-permanent industrial buildings. Our warehouses and production facilities can be found in numerous countries around the world and represent the highest standard for modular construction.



Examples, designs and prices

For more information, including detailed product information, please scan the QR code or go to:
www.ldb.eu/global/ua/solutions/industrialcomplexes

A Losberger De Boer industrial building

- Can be built anywhere
- Can be delivered to your exact specifications
- Is ready in weeks
- Can be used safely for decades
- Can be scaled up and down, to be future-ready at all times
- Can be relocated or adapted for other uses

Testimonial

“We already have various industrial halls from Losberger De Boer in use. For us, flexibility is an important feature for economic success. The industrial halls can be used at short notice and can also be expanded depending on market developments, which has a positive effect on costs.”

Ulrich Karsch, Autohaus Karsch, Germany.

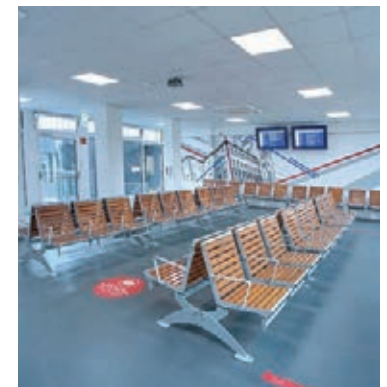




Tailor-made solutions

Supporting infrastructure

We are aware of the fact that, in addition to the key buildings and facilities we've already presented, there are a lot more accommodations that need to be rebuilt or at least temporarily replaced. Distribution centers, police and fire stations, and offices all play a specific and important role in a country's social infrastructure as well.



How can we help?

One of the major benefits of our modular construction concept is that we can design facilities like these fast, by adapting blueprints for other building types that we already have. Within days of a first inquiry, we can have completely new designs ready for every type of facility that falls in this category. After designing a police or fire station, for instance, we can then further customize these designs in terms of size and configuration to meet specific local demands, as all our building concepts are scalable and fully adaptable.

Our track record

We have built office complexes in all shapes and sizes before, in Germany, the Netherlands, the UK and France. Our own UK team is housed in one of our own modular buildings and all UK business and projects are ran from that campus. Over the last decade, we have also built multiple large-scale distribution centers to help the transport sector, as well as restaurants and canteens for businesses and schools.



Examples, designs and prices

For more information, including detailed product information, please scan the QR code or go to:
www.ldb.eu/global/ua/solutions/supportinginfrastructure

A Losberger De Boer building

- Can be built anywhere
- Can be delivered to your exact specifications
- Is ready in weeks
- Can be used for decades
- Can be scaled up and down
- Can be relocated or adapted for other uses

Testimonial

“We have high-quality standards, offer exceptional service, and value first-class products from the region – not only for our food and drinks. Therefore, Losberger De Boer is the right partner for us.”

Max Wieland, Event gastronomy Heuchelberger Warte, Germany.



Supporting infrastructure



About Losberger De Boer

A centennial company with a proven track record

Losberger De Boer is one of the world's leading suppliers of temporary and permanent space solutions. Our structures and buildings are used for commercial purposes, public use, events, and military and humanitarian application.

Losberger De Boer was founded over 100 years ago, in 1919, in Heilbronn, Germany. All Losberger De Boer buildings and tent structures are designed and produced inhouse.

Losberger De Boer's core value is embedded in the company slogan 'Committed to your success'. We are dedicated to providing our clients with the best possible space solution and the best customer experience.

More information

All contents of this brochure, as well as more detailed information, can be found on this website: www.losbergerdeboer.com/global/ua

Contact us

For questions, inquiries or additional information, feel free to contact us via ukraine@ldb.eu.

Our CSR policy & CSR Report

Losberger De Boer has taken it upon herself to play a leading role in driving the change towards a sustainable future for our industry. We have been ISO 14001 certified since 2010, are a member of the UN Global Compact, and have recently been awarded with the Silver Medal by EcoVadis, an independent platform which evaluates companies' CSR policies and offers advice on improvements.



Download our entire CSR Report

For more information on our climate goals for the foreseeable future, as well as the steps we have taken (and are set to take), please scan the QR code or use the link below.

www.losbergerdeboer.com/sustainability





Committed to your success