List of References
Infrastructure
Infrastructure
The story about a pioneer

Market leading experience
At Bladt Industries, one of our core competences is the construction of complex steel structures for infrastructural projects and for the building sector. We bridge the gap between idea and reality ensuring coherence and quality through the entire process – from inception to completion.

Our portfolio is characterised by a diversity and complexity that reflects our unique ability to adapt to market requirements, to relate to our customers and to handle projects of any size.

We specialise in steel structures for

- Harbour and marine facilities
- Bridges
- Buildings
- Steel tanks

We provide

- Customised solutions
- Strong project management skills ensuring high quality and efficient solutions
- Specialists who know their craft
- Years of experience with challenging work conditions e.g. in airports, by railway tracks and roads

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Bridges
State-of-the-art steel constructions

Experience and knowledge
Founded in 1965, Bladt Industries A/S has since acquired extensive experience with the supply and installation of all types of complex steel and machine constructions. Over the past 20 years, we have achieved the position as one of Scandinavia’s leading suppliers, especially with respect to steel bridges.

We have experience with all types of bridge constructions - static as well as moveable, and with all sizes, from the Storebælt Bridge to smaller path and cycle bridges. The bridge structures are constructed as road bridges, railway bridges, gangways or path bridges. Several of the bridges have a sculptural character, and we have collaborated with many internationally renowned architecture companies.

You are in safe hands
Our many years of experience have enabled us to build up extensive specialist knowledge regarding the design, supply and installation of bridge constructions and we have in-house resources to handle all phases of a project - from the concept layout and detailed design to construction, installation and commissioning.

With this experience, you are in safe hands when you collaborate with Bladt Industries on the construction of bridges involving complex and difficult geometries and techniques, as well as new and untested architectural details and movement patterns.

Our bridge projects are typically carried out as turnkey or general contracts, but we are also part of individual commercial contracts and partnering work.

Dialogue is the path to success
One of the most important parameters for a successful bridge project is close and constructive collaboration between the client, architect, client’s consultant and contractor.

Based on the client’s wishes and needs, we contribute solutions that are within the agreed budgetary framework and meet primary requirements for design, functionality, reliability, service life, maintenance and architectural expression.

With a steadily growing reference list which now includes more than 200 completed bridge constructions – approximately 50 of these being moveable bridges - Bladt Industries is your guarantee of high-quality solutions that comply with all deadlines.

BRIDGE TYPES
- Suspension bridges
- Cable-stayed bridges
- Arch bridges
- Grating bridges
- Swing bridges
- Bascule bridges
- Trawser bridges
Sofia’s Bridge
Main contract, PCI
Client: Helsingborg Arena & Scen AB
Scope: Pathway Bridge
Year: 2017
Length: 57 metres

Køge Nord Station bridge
Main contract, PCI
Client: Banedanmark
Scope: Pathway Bridge
Year: 2016-2017
Length: 225 metres

Fredriksholm canal bridge
Turnkey contract, EPCI
Client: Realdania
Scope: Bicycle and pedestrian bridge
Year: 2015-2016
Length: 300 metres
Total weight: 35 tonnes

Mærsk building
Main contract, PCI
Client: Danish Building and Property Agency
Scope: Bridges in terrain
Year: 2014-2016
Length: 328 metres
Total Weight: 270 tonnes
**Odense path bridge**  
Main contract, PCI  
**Client:** Odense Municipality  
**Scope:** Double Curved Bridge, steel, earth, foundation and concrete works.  
**Year:** 2013  
**Length:** 137 metres  
**Total weight:** 410 tonnes

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**Skanse bridge Trondheim, Norway**  
Sub-contract, PC  
**Client:** Statens Vegvesen/Implenia/Norbridge  
**Scope:** Fabrication and delivery of a swing bridge  
**Year:** 2013-2014  
**Length:** 45 metres  
**Total weight:** 320 tonnes

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**Steel bridge, Greenland**  
Turnkey contract, EPCI  
**Client:** Aarhus University  
**Scope:** Inspection and installation of steel bridge over the river Zackenberg  
**Year:** 2013  
**Length:** 45 metres  
**Total weight:** 16 tonnes

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**King Fredrik IX's bridge**  
Main contract, PCI  
**Client:** Banedanmark  
**Scope:** Steel work and replacement of bearings and weldings  
**Year:** 2012
**Closed walking bridge, Norway**  
Turnkey contract, EPCI  
Client: Langnes Handelspark/Hent Tromsø  
Scope: Heated walking bridge between two business centres  
Year: 2011  
Length: 40 metres

**Øvre sundbroen, Norway**  
Main contract, PCI  
Client: Statens vegvesen  
Scope: Fabrication, delivery and installation of walk and bike bridge  
Year: 2011  
Length: 150 metres  
Total weight: 172 tonnes
Shore-based facilities for ferry and ro-ro harbours

Bladt Industries is one of Scandinavia’s leading suppliers of gangway facilities for walking passengers, linkspans for ferries and ro-ro ships, as well as other shore-to-ship installations for ferry, cargo and commercial harbours.

Based on our concepts and installation designs, we have delivered more than 70 installations over the past 25 years, whereof the main part is still in operation. We gather operation data which is included in the development of new installations and systems, and with our many years of experience, today, we are able to develop solutions for any type of vessel and facility location, as well as solutions adjusted for individual needs and wants.

Product range
Our product range, among others, covers:

- Ramp and linkspan installations for cars, trailers and railway traffic
- Gangway installations for passenger and cruise ships
- Fender systems
- Bunker facilities
- Ferry berth and terminal buildings

We operate as total, main or partial supplier for projects.

With installations from Bladt Industries, you are secured optimal and fast traffic flow, a high degree of operation stability, a safe and simple operation, as well as solutions that can be delivered and installed at the shortest possible time and with consideration for existing ferry traffic.

Project organisation
Our team of engineers, technicians and project managers can handle all phases of projects from analysis and concept choices, to detailed project planning, fabrication, installation and initialisation, as well as the following service.

Pilot projects
We gladly take part and assist in pilot projects. We have the latest tools for analysing and processing relevant harbour hydrography, hydrostatic vessel data, and for simulation and determination of traffic logistics from loading and unloading areas etc. to vessels.

Want to learn more?
For a discussion of your next shore-to-ship project or a full list of references, feel free to contact:

Sales & Design Manager Bjarne Bach Nielsen, bbn@bladt.dk - + 45 21 71 43 16

Previous projects:
- Port of Frederikshavn - Stenaline
- Aarhus Harbour - Mols-Linien
- Port of Stavanger - Fjord Line
- Port of Hirtshals - Color Line
- Port of Bergen - Hurtigruten
- Rødbyhavn - Scandlines
- Gedser Ferry Harbour - Scandlines
- Helsingør Ferry Harbour - Scandlines
- Port of Kristiansand - Color Line
- Port of Rønne - Nordic Ferry Services
- Port of Södertälje - Superfast
- Port of Trelleborg - Scandlines
Stair and elevator tower
Turnkey contract, EPCI
Client: Frederikshavn Harbour/Stenaline
Scope: Detailed project planning, fabrication and installation. Replacement of elevators and escalators.
Year: 2014

Linkspan, Aarhus Harbour
Turnkey contract, EPCI
Client: Mols-Linien
Scope: Two car linkspan for lower and upper deck. New fender systems.
Year: 2014

Linkspan, Ebeltoft Harbour
Turnkey contract, EPCI
Client: Mols-Linien
Scope: Detailed project planning, fabrication, installation of new side linkspan.
Year: 2013

Passenger gangway, Denmark
Main contract, PCI
Client: HH Ferries Group/Scandlines
Scope: Passenger gangwaysystem, including design and project planning, emergency stairs, light and electric installations.
Year: 2017
Stair and elevator tower
Turnkey contract, EPCI
Client: Frederikshavn Harbour/Stenaline
Scope: Detailed project planning, fabrication and installation. Replacement of elevators and escalators.
Year: 2014

Linkspan, Aarhus Harbour
Turnkey contract, EPCI
Client: Mols-Linien
Scope: Two car linkspan for lower and upper deck. New fender systems.
Year: 2014

Linkspan, Ebeltoft Harbour
Turnkey contract, EPCI
Client: Mols-Linien
Scope: Detailed project planning, fabrication, installation of new side linkspan.
Year: 2013

Passenger gangway
Turnkey contract, EPCI
Client: Cargotec/Scandlines
Scope: Passenger gangwaysystem, including elevators, cooling system hydraulics, control system and electric installations.
Year: 2012
**Ramp and linkspan**
Main contract, PCI

**Client:** Mols-Linien  
**Scope:** Detailed project engineering, modification, surface treatment, installation and initialisation of two linkspan bridges for cars  
**Year:** 2012

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**Passenger gangway, Norway**
Turnkey contract, EPCI

**Client:** Regional harbours of Stavanger IKS  
**Scope:** Passenger gangwaysystem, including staircase, elevators, hydraulics, control system and electric installations.  
**Year:** 2012

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**Linkspan and passenger gangway bridge, Sweden**
Main contract, PCI

**Client:** Veidekke Entreprenad/Landskrona Stad  
**Scope:** Two linkspans and one gangway bridge.  
**Year:** 2012

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**Passenger gangway bridge**

**Client:** Fjord Line  
**Scope:** Passenger gangwaysystem, including hydraulics, control system and electric installations.  
**Year:** 2012
Passenger gangway, Sweden
Turnkey contract, EPCI

Client: Svevia/Ystad Hamn
Scope: Passenger gangway system including hydraulics, control system and electric installations.
Year: 2011

Linkspan and ramps, Sweden
Turnkey contract, EPCI

Client: Pihl/Tyelleborg Hamn
Scope: Landing aprons for passenger cars, trucks and trains incl. 380 metres ramp, hydraulic control systems, electrical installations, etc.
Year: 2006

Ramp, Sweden
Turnkey contract, EPCI

Client: Port of Varberg
Scope: 60 metres ramp incl. hydraulic, operation systems, electrical installations
Year: 2002

Ram and passenger gangway, Sweden
Turnkey contract, EPCI

Client: Port of Södertälje
Scope: movable ro-ro ramp and escalator, gangways and ramp for gangway
Year: 2001
Building Steel
From turnkey and main contracts to sub-contracts

Great complexity is our strength
With over fifty years’ experience in steel constructions, Bladt Industries has developed a solid experience of the execution of complex steel constructions - from buildings to bridges.

Our reference list is long and it covers projects which may include grid structures with long spans, double curved designs and complex technical joints. Each project is executed with steady progress from start to delivery.

Over the years, we have participated in a wide range of projects from turnkey and general contracts to individual trade contracts. We, At Bladt Industries, know that steel has unique properties and can be used for many purposes. Therefore, we do not confine ourselves, but make way for new ideas in close collaboration with the client.

We are strongly positioned in highly complex building steel contracts because it is precisely here that our experience is expressed.

Soil, concrete and steel
We have a great deal of experience in the execution of all types of contracts. Our technically competent project managers manage both general and turnkey contracts where soil, foundation and concrete work comprise an important part of the contract.

With our many years of experience in the construction industry and a large network of subcontractors, we are able to optimise each process in the project to our customers’ advantage.

Quality in focus
Over the years, we have delivered construction steel for large as well as smaller projects. Each project is characterised by the fact that huge demands are made on competences, project management and quality.

Our competences are continually strengthened for each project we deliver, and we constantly extend our horizon. We take pride in delivering a product of the highest quality and, throughout the entire project, we are in close dialogue with the client, the client’s consultants and contractors in order to ensure a successful implementation of the client’s project.

WE PROVIDE
- Buildings
- Airports
- Stadiums
- Power stations
- Shopping centres
- Music and theatre buildings
- Gangways and walkways
**New ongoing ED2 Secondary Steel**
Sub-contract, PCI

**Client:** Novo Nordisk

**Scope:** Delivery and installation of HE400B fire protection painted beams 110 tons – galvanised 150 lbm. footbridges

**Year:** 2016

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**Esbjerg shopping center**
Sub-contract, PCI

**Client:** KPC Herning / TK Development

**Scope:** Manufacturing, delivering and installation of building steel for Esbjerg Shopping Centre “Bridge”.

**Year:** 2015-2016
**Amager musiktorv**  
Turnkey contract, EPCI  
Client: Municipality of Copenhagen  
Scope: Main/Turnkey contract. Steel and outfitting contract. Earth and concrete.  
Year: 2015

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**Steel and outfitting**  
Main contract, PCI  
Client: Novo, Hillerød  
Scope: Steel and outfitting contract  
Year: 2014-2015

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**Expansion of Finger C**  
Main contract, PCI  
Client: Copenhagen Airport  
Scope: Fabrication, delivery and installation of steel constructions to expand CPH Finger C - fabrication of gangway bridge, lounges and stair turrets.  
Year: 2013
Bridge house
Main contract, PCI

Client: Banedanmark
Scope: Replacement of bridge house for the bridge guard by the Limfjord.
Year: 2012

...And the historical opera house
Denmark

Client: AP Møller
Scope: Delivery and erection of 750 tonnes steel structures for theatre, small studio stages and stages in the Opera House.
Year: 2005
Storage Tanks
From renovation to first-class turnkey solutions

Experienced manufacturer
For more than 45 years, Bladt Industries has designed, manufactured and renovated high-quality steel tank plants all over the world – from Greenland in the north to Nigeria in the south. We fabricate quality steel tanks for all purposes and in all sizes - ranging from 500 m³ to 100,000 m³.

We deliver a full package of services and know-how which covers all processes and phases of tank production - from design and renovation to installation, including surface treatment, insulation, heating systems, distribution systems, pumping stations and piping.

Our history
Our years of manufacturing and renovating steel tanks has provided us with extensive knowledge within a broad range of steel tank projects such as:

- Power plants
- Heat storage plants
- Oil storage plants
- Biogas plants
- Chemical plants

We have experience with building tank plants under various extreme geographical and climatic conditions and can therefore build and renovate steel tanks in challenging weather conditions.

Renovation and piping
In addition to manufacturing new steel tanks, we have extensive experience with renovations of existing steel tank plants as well as piping projects. We can fabricate and install many different types of piping, including oil, fire fighting, gas and pumping pipes.

Client satisfaction and safety
At Bladt Industries, client satisfaction and a safe working environment are some of our highest priorities. Therefore, our steel tanks are always manufactured under existing laws and in accordance with our customers’ requirements.

Project Management
Bladt has an experienced team of project managers who will manage projects down to the last detail ensuring the best outcome for our clients.

Your next tank project
To discuss your next steel tank project, feel free to contact:
Division Manager Kim Bringsjord
kbr@bladt.dk - +45 21 71 43 31

FACTS
- We built our first steel tank in 1965
- We have built more than 400 steel tanks
- Steel tanks from 500 m³ - 100,000 m³
- We cover all processes and phases of tank production
- Experience with working under challenging geographical and climatic conditions
Renovation of Oil Terminal
Turnkey contract, PCI

Client: Statoil Fuel & Retail A/S
Scope: Oil and product pipelines from oil terminal, as well as fire fighting pipelines for the entire oil terminal.
Year: 2015-2017

Kiln shell, cement plant
Main contract, PCI

Client: Koppers Denmark
Scope: Newly built tank, next to the foundation moved afterwards.
Year: 2015-2016
Tonne: 60 tonnes

Steel Tank TK-16
Turnkey contract, EPCI

Client: Koppers Denmark
Scope: Fabrication and replacement of kiln shell for concrete kiln
Year: 2016
Cubic: 1100 m³

Reconstruction of AVV1 silo
Main contract, PCI

Client: Dong
Scope: Reconstruction of silos
Year: 2015 - 2016
Silo renovation, Ewers
Turnkey contract, EPCI

Client: Tryg
Scope: Renovation of giant silo for feedstuff.
Year: 2015

Top cyclone
Main contract, PCI

Client: Portland
Scope: Renovation and replacement of top cyclon.
Year: 2015
**AVV2, new silo**  
Main contract, PCI  
**Client:** DONG Energy Thermal Power A/S  
**Scope:** Fabrication of a new funnel-shaped silo.  
**Year:** 2014

**Steel tanks**  
Turnkey contract, EPCI  
**Client:** Danish Commissioning  
**Scope:** Fabrication of six steel tanks and two sling bars. Four different models.  
**Year:** 2013  
**Tonnes:** 145 tonnes

**Conversion of distribution line**  
Main contract, PCI  
**Client:** HMN Naturgas  
**Scope:** Conversion of distribution line. App. 900 m 6” og 170m 3”  
**Year:** 2013

**Heat Accumulation Tank**  
Turnkey contract, EPCI  
**Client:** Ulsted Fjernvarmefabrik  
**Scope:** Increase of heating accumulation tank  
**Year:** 2012
We can do so much more...

Suction anchors - making your designs a reality

High-end offshore structures
For several decades, Bladt Industries has been delivering high-end offshore structures for the oil and gas industries.

In recent years, we have fabricated and delivered more than 150 suction anchor structures for projects around the world.

Capacity and experience
Our state of the art facilities are unique. We have direct access to seaways with quay facilities accommodating even the biggest installation ships. Our steel rollers are among the largest in northern Europe - capable of handling the largest diameters and plate thickness. Add to this our experienced project managers, highly skilled engineers and outstanding technicians, and Bladt Industries is the fabricator of choice for large complex steel structures.

Cost-efficient solutions
Maintaining close communications throughout the project period and beyond, we guarantee the best and most cost-efficient solutions.

Our excellent client support service leads to lasting relationships - we are always available for help and advice. Quality and timing are our clients’ highest priorities, and therefore, they are ours too. Suction anchor fabrication demands excellence, with no exceptions, and Bladt Industries always delivers on time.

From Norway to Angola
The client list for our suction anchors demonstrates the breadth of our experience. Spanning the globe, from Norway to Angola, our clients include Technip France, Technip UK, APL, Doris Engineering, NKS, and Sevan.

For complex steel structures, make Bladt your fabricator of choice.

Contact us to discuss your next project:

Division Manager Kim Bringsjord
kbr@bladt.dk - +45 21 71 43 31

FACTS
• Unrivalled steel rolling capacity
• Excellent quay facilities
• Highest quality guaranteed
• We have suitable land-based facilities to support mob/demob operations for a wide range of oil & gas projects.
Client: National Oilwell Varco  
Scope: Fabrication of 12 suction anchors  
Year: 2012-2013  
Type of contract: PC  
Tonnes: 1212 tonnes

Client: NKT Flexibels  
Scope: Fabrication of four suction anchors  
Year: 2011  
Type of Contract: PC  
Tonnes: 172 tonnes

Client: SEVAN  
Scope: Fabrication of seven and modification of six suction anchors.  
Year: 2011  
Type of contract: PC  
Tonnes: 1125 tonnes

Client: NKT Flexibles  
Scope: Fabrication of 18 suction anchors  
Year: 2009  
Type of contract: PC  
Tonnes: 800 tonnes
**Art and other special projects**

*From vision to project execution*

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**Mærsk Guardian Accomodation Module**
Sub-contract, PC

Client: Semco  
**Scope:** Fabrication of accomodation module for Mærsk Guardian moveble oil rig  
**Year:** 2016

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**Specialised vehicle and extension**
Turnkey contract, EPCI

Client: Danish Decommissioning  
**Scope:** Design and fabrication of special vehicle for Risø's reactor, including hydraulics and control systems and extension with crane and manipulator cabin.  
**Year:** 2014 and 2015

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**Elia sculpture**
Turnkey contract, EPCI

Client: Foreningen til Fremme af Opførelsen af “Elia”  
**Scope:** Design and fabrication of large sculpture in Herning, Denmark  
**Year:** 2001
Infrastructure division
We are ready to answer any enquiries from customers by phone and email, and we encourage you to contact us for a non-commit-
tal dialogue about how we can contribute to your next project.

We are just a phone call away.