since 1972

PRODUCTS & SERVICES CATALOGUE

BRIDGES | PONTOONS | FERRIES | SPECIALS

modular solutions

JANSONBRIDGING
COME ACROSS

NO BRIDGE TOO FAR

Janson Bridging are the experts in modular temporary bridge solutions, pontoons, ferries and customised systems for both civil and military applications. The solutions are for both temporary and permanent use.

MODULAR | FLEXIBLE | STRONG

Our standard products can offer various access solutions. All Janson products are designed and developed by our experienced engineers to the Eurocode standards. Since its establishment in 1972 Janson Bridging has delivered thousands of solutions for our clients worldwide.

RENTAL & SALES

OUR VIEW ON BRIDGING SYSTEMS

NOT A PRODUCT, BUT A SERVICE CONNECTIONS FROM A TO B

WHY JANSON BRIDGING

CUSTOMISED SOLUTIONS WITH MODULAR PRODUCTS

SERVICE

At Janson, the client is central, not the product. We guarantee the best quality available in the market. By delivering excellent service for decades, we have form strong and supportive relationships with many governments and businesses.

SAFETY

Working safely is a very important part of our company culture. Janson is certified in the field of health and safety working processes and conform to ISO 45001, VCA/SCC and the safety ladder.

QUALITY

To reassure our clients, we deliver quality solutions by using CE marked material and certified processes. These certified processes, which conform to NEN-EN-ISO:9001, 1090, 14001, 45001, 21500, 19650 (BIM level 2), AQAP and VCA/SCC, are for quality control, health and safety, and environmental protection.

EXPERIENCE

Janson has successfully delivered more than 8000 projects worldwide since 1972.
Each unique project utilised our self-developed modular products. We have worked with several global organisations: governments, defence organisations, security regions and contractors.

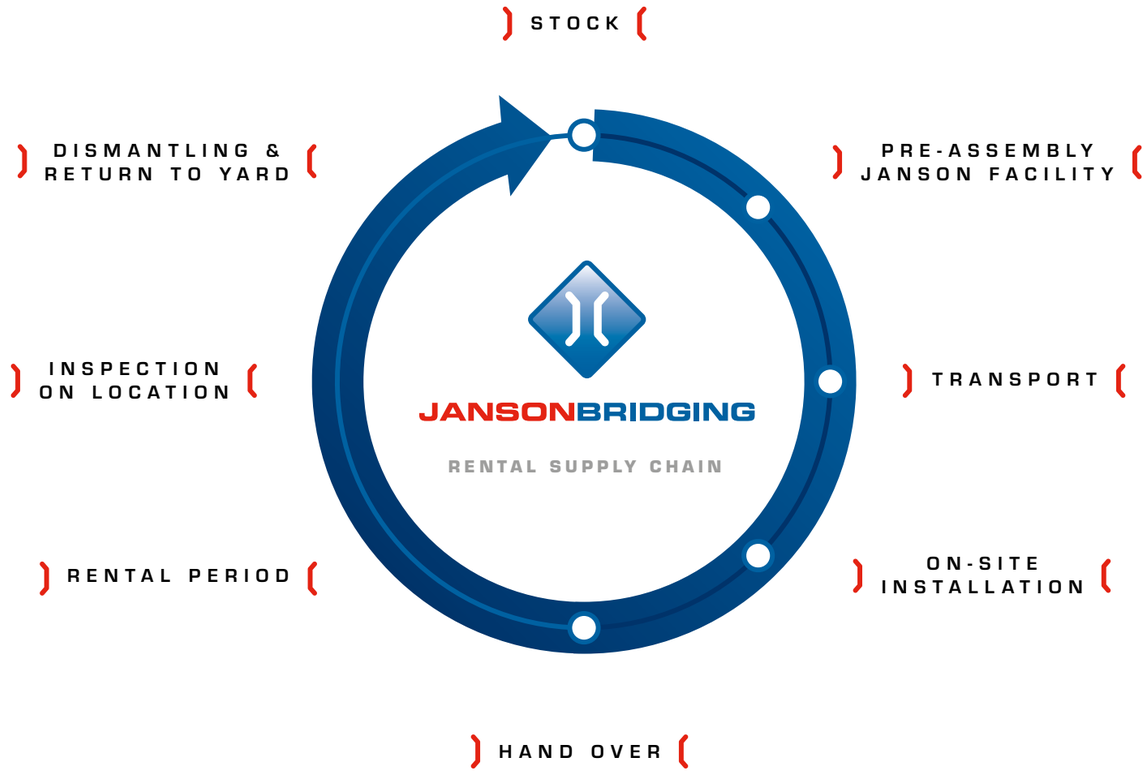
AVAILABILITY

With the largest stock holding and multiple representatives in Europe, we can deliver our turn-key service with high quality modular bridging systems and express installation by one of our nearby branch.

INNOVATION

Our R&D, project and in-house assembly departments work closely to ensure an efficient production on existing robust products, whist developing more innovative and durable products to support continuous development to meet the increasing demanding market.

OUR APPROACH



Due to the reusable nature of our modular products, we have been working in a product cycle process for more than 50 years. Firstly, it starts by making a proposal which is designed and calculated based on your requirement by our highly experienced in-house engineers. Secondly, we pre-assemble the chosen solution as far as possible to ensure efficient, cost-saving and safer installation at site. For rental bridges, we provide inspection service periodically and maintenance if necessary. When the rental period ends, the bridging structure gets dismantled and its parts return to stock for extensive inspection and any necessary renovation to be carried out before reusing.

TABLE OF CONTENTS

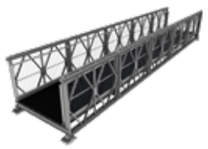
BRIDGES

Our bridges literally and figurative make connections and provide opportunities. Whatever the gap, we are passionate about finding the right solution. Come across with Janson Bridging.

OVERVIEW RENTAL BRIDGES

Janson Bridging has a suitable modular bridge solution for every situation. The overview shows how our bridge solutions can adapt to different requirements. It would be great to have the opportunity to demonstrate how our optimal solution could add value to your project.

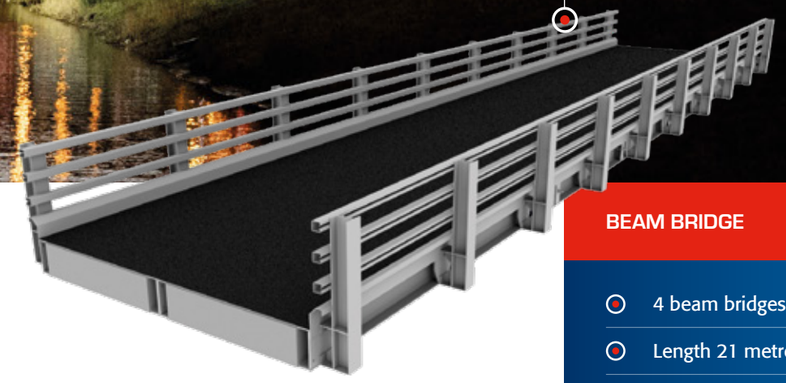
FREE SPAN
20M
100M

BRIDGE TYPE		FREE SPAN *BASED ON EUROCODE LOAD*	APPLICATIONS*	PAGE
JMB		UP TO MAXIMUM 20 METRES		22
JSK-JBB		UP TO MAXIMUM 24 METRES		14
JFB		UP TO MAXIMUM 40 METRES		28
JSB		UP TO MAXIMUM 54 METRES		16
JGB		UP TO MAXIMUM 60 METRES		26
JPB-P		UP TO MAXIMUM 61 METRES		20
JPB-T		UP TO MAXIMUM 70 METRES		20
JTB		UP TO MAXIMUM 100 METRES		24

*

Pedestrians and cyclists · Motorised (freight) traffic · Construction traffic (heavy equipment) · Movable

NOTHING IS TOO FAR TO BRIDGE



From pedestrian to aircraft

This Boeing 747 had to be transported from Schiphol Airport to Badhoevedorp for a travel organisation, Corendon. Our beam bridge is the ideal solution for this last journey to pass the wide canals along the A9, after it went across the meadows along the highways and over 17 ditches.

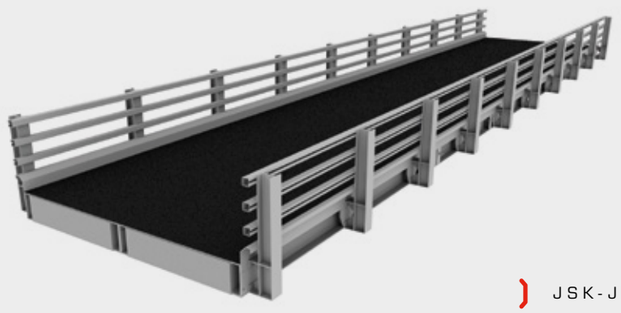
BEAM BRIDGE

- 4 beam bridges elements wide
- Length 21 metres
- Weight Boeing: 390 tonnes

JANSON
BEAM BRIDGES (JSK-JBB)

Jansons beam bridges (type JSK and JBB) are designed for a relatively short span of up to 24 metres. The beam bridge is often used as a temporary or semi-permanent bridge for construction or public traffic or as an emergency bridge in the event of calamities.

- This bridge type consists of modular sections with standard lengths that are only linked in the width. The width of the bridge can be varied by merging several sections. The beam bridge is quick and safe to install thanks to the efficient coupling system and the integrated hoisting facilities.
- We can offer solutions in the likes of a separate carriageway, a cycle lane and a crash barrier on the beam bridge. Also, the ramps can be detached as required.
- Janson's beam bridge is also the ideal system to build a temporary bridge over a existing bridge, when the capacity of the existing bridge (temporarily) proves insufficient.
- By using intermediate supports, multiple spans are possible.



JSK-JBB

APPLICATION

CHARACTERISTICS

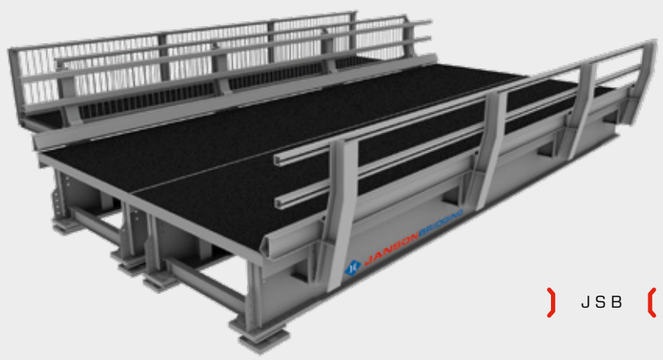
- Bridge length up to 24 metres
- Calculations based on CC1, CC2 and CC3
- Widthwise linkable in multiples
- Integrated lifting eyes
- Fully pre-assembled deliverable

	JSK-300	JSK-450	JBB-3
Section length	9 metres	10.5, 13.5, 15.7, 21 and 24 metres	9, 12, 15, 18, 21 and 24 metres
Section width	1.5 and 2.1 metres	1.5 and 2.1 metres	1.8 metres
Maximum free span	9 metres	21 metres	24 metres
Guardrail / railing	Traffic and pedestrian version	Traffic and pedestrian version	Traffic and pedestrian version
External footpath	Possible	Possible	Not possible

JANSON
PLATE GIRDER BRIDGES (JSB)

Jansons plate girder bridges (JSB) are designed for temporary and semi-permanent applications, especially in areas with heavy traffic and where free spans of up to 54 metres are required.

- To reduce the installation time to the minimum, the JSB units are pre-assembled as much as possible before they are transported to the construction site to be lifted and assembled into a complete bridge.
- The sections can be connected lengthwise and width wise to meet varies needs for spans and road widths.
- The sections are all assembled with high quality steel plates and are reinforced with troughs for a steel deck covered by a durable granulate layer.
- JSB bridges are popular solutions in highways due to their robust and durable properties.



JSB

APPLICATION

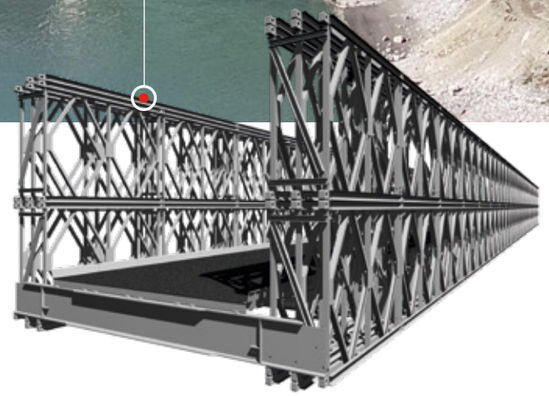
CHARACTERISTICS

- Free span up to 54 metres
- Linkable in both length and width
- Hinged pairing possible
- For construction traffic, primary and secondary roads
- For general and heavy traffic

	JSB-1	JSB-2	JSB-4
Section lenght	6, 9, 12 and 24 metres	10.5, 13.5 and 19.5 metres	10.5 and 13.5 metres
Section width	3.5 metres	2.5 metres	2.5 metres
Maximum free span	30 metres	39 metres	54 metres
Guardrail	Traffic and pedestrian version	Traffic and pedestrian version	Traffic and pedestrian version
External footpath	Possible	Possible	Possible

BRIDGE IN AUSTRIA ON THE A12

Panel bridge



Bigger, wider, longer

Due to the increasing traffic on the A12 motorway, the existing Terfener Inn Bridge had to be rebuilt as it reached its limits. To minimised the disturbance to the traffic, Janson Bridging constructed a temporary bridging with 2 lanes of traffic and over 238 metres long to take traffic over while the old bridge being rebuilt.

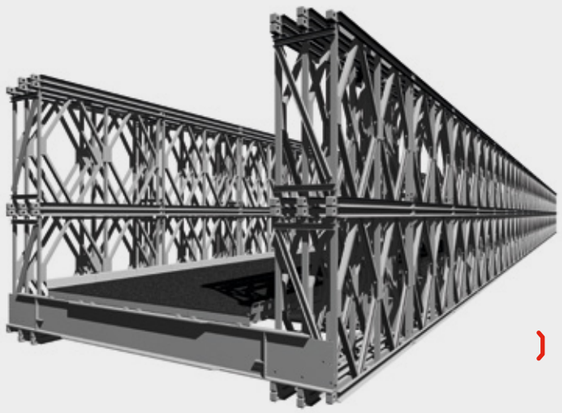
PROJECT CHARACTERISTICS

- A12 at Innsbruck
- 238 metres long
- 2 lanes
- Panel bridge solution

JANSON
PANEL BRIDGES (JPB)

Janson's panel bridge system (JPB) is designed for temporary and semi-permanent applications, where a span of up to 70 metres for work or general traffic is required. The system is made up of modular standard panels. Janson has a type for heavy traffic (JPB-T) as well as a variant for cyclists and pedestrians (JPB-P).

- Janson panel bridges are ideal for places with limited access for crane or machinery. Our panel bridge can be installed with relatively small tools and cranes. The bridge system can also be launched horizontally for placed where no crane can reach.
- The separated bridge components for each section can be transported to the site as they are (possibly in containers), or partially preassembled.
- Our road bridge JPB-P can be used for cycling and pedestrian passages. Vehicles for maintenance or emergency services can be allowed on the bridge occasionally.
- To accommodate the requirement for multiple spans or varies heights, our bridge system can be expanded with pillars.



APPLICATION

CHARACTERISTICS

- Free span up to 70 metres
- For construction traffic and secondary roads
- Hinged and continuously linkable
- Assembly with relatively small tools
- Hot-dip galvanised material for long and maintenance-free lifespan

	JPB-T	JPB-P
Application	Heavy traffic	Cyclists and pedestrians
Modular field length	3.048 metres (10ft)	3.048 metres (10ft)
Road width	4.2 en 7.4 metres	2, 2.5 and 3 metres
Maximum free span	70 metres	61 metres
Guardrail / railing	Traffic execution	Pedestrian version

JANSON
MOVABLE BRIDGES (JMB)

The Janson movable bridges (JMB) are temporary movable bridges for all types of traffic. The use of these bridges ensures that both road traffic and shipping traffic can continue at the relevant location. The JMB-D, a temporary, modular heavy traffic bridge, is designed according to the applicable standards for movable bridges and is adaptable in length and width. Apart from this modular swing bridge Janson Bridging also has a swing bridge, lift bridge or sliding bridge system in its portfolio.

- The JMB-D consists of modular sections for different road widths. The span of the bridge can be varied by combining multiple deck areas. It is driven by an electric-hydraulic system. A control house, container with power pack, control computers and barriers/traffic lights are included.
- In addition to the unbalanced JMB-D, Janson can supply other types of movable bridges for you, such as the JMB-S (swing bridge), JMB-L (lift bridge) and the JMB-R (sliding bridge).
- Our moveable bridges are designed with a focus on fast and easy installation.
- The bridges can be used on local and provincial roads with one or two lanes. Bicycle and pedestrian paths can also be added.

JMB-D

APPLICATION

FEATURES JMB-D

- Bridge length drop from 12 to 20 metres
- Movable bridge
- Unbalanced type
- Fast opening and closing time
- Calculations possible on basis of CC1, CC2 and CC3
- NEN 6786-1, Eurocode taxes and 2006/42/EC

JMB-D*

Section lenght	12, 14, 16, 18 and 20 metres
Section width	3.5, 5, 7 and 7.5 metres
Maximum free span	20 metres
Guardrail	Type H2
External footpath	Possible on both sides

**Options JMB-S, JMB-L and JMB-R on request.*

JANSON
TRUSS BRIDGES (JTB)

Janson's truss bridge system is designed for semi-permanent and permanent applications and is particularly well suited for rural areas where infrastructure and transport facilities are limited. The bridge can be built by various methods, such as hoisting, driving in (on pontoons or SPMT's) or by means of a rolling or sliding bridge technique, using a launching nose.

- The bridge sections can often be transported to the construction site in containers transported and assembled there.
- The JTB can be fitted with a steel, concrete or plastic deck.
- The bridge system can be expanded with pillars, platforms and stairs, to allow for height differences and corner solutions.
- The truss bridge is available as a heavy traffic version (JTB-T) and as a cyclist and pedestrian solution (JTB-P).
- Vehicle restraint systems (guard rails) as well as pedestrian fencing, can be supplied fully certified.

JTB-T

APPLICATION

CHARACTERISTICS

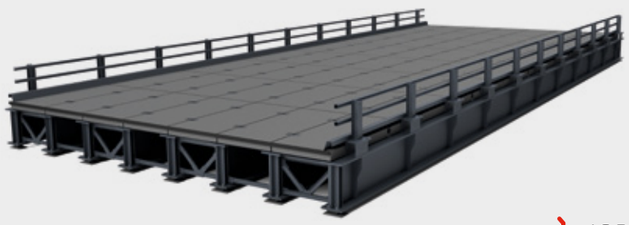
- Free span up to 100 metres
- For both heavy and light traffic
- Hinged connection
- On-site assembly
- Hot-dip galvanised material for a long and maintenance-free service life

	JTB-T	JTB-P
Application	Heavy traffic	Cyclists and pedestrians
Modular field lenght	On request	4 metres
Road width	On request	2.5 metres
Maximum free span	Depending on load and width	Depending on load and width

JANSON
GIRDER BRIDGES (JGB)

Jansons girder bridges (JGB) are distinguished by the convenience with which this (semi) permanent bridge can be transported and assembled. The steel girders that serve as the basis for this type of bridge and the deck can be adapted to any situation. This makes the JGB a sustainable solution for long rental projects and less easily accessible (construction) sites.

- Within our JGB line we offer both the version with a concrete deck consisting of prefabricated slabs (JGB-P) and the version with a deck consisting of poured concrete (JGB-I). A plastic deck is also possible.
- The JGB-I has a maximum free span of 60 metres in the Eurocode passages With the JGB-P, a free span of 48 metres can be realised. The width in which the JGB can be realised is unlimited.
- Our JGB bridges are designed according to Janson Bridging's modular DNA. This ensures that the bridge as a package can be easily transported and, if desired, installed at the relevant location by local contractors.
- The JGB is versatile and suitable for pedestrians and cyclists, motorised vehicles and heavy traffic.



JGB

APPLICATION

CHARACTERISTICS

- Up to 60 metres free span
- Unlimited width
- For light and heavy traffic
- Easy to assemble
- For (semi) permanent use

	JGB-P	JGB-I
Application	Cyclists, pedestrians and motorised traffic	Cyclists, pedestrians and motorised traffic
Maximum free span	48 metres	60 metres
Road width	∞	∞
Girder material	Steel	Steel
Deck material	Precast concrete slabs	Poured concrete
Use	(Semi)permanent deployment	Permanent deployment

JANSON PLASTIC-BRIDGES (JFB)

Janson plastic bridges (JFB) are developed with sustainability in mind, both in terms of lifespan and environmental impact. This permanent solution is fully customised according to your wishes. We will be happy to advise you on this!

- Our plastic bridge and deck portfolio consists of the JFB-G and the JFB-P. The difference between these two types is the material used. The JFB-G is manufactured on the basis of a high-quality glass fibre. The JFB-P is a variant made of synthetic fibres.
- The JFBs can be custom-made and you have a free choice of e.g. colour, design and handrails.
- Due to the high-quality plastic, our JFBs have an extremely long life span. The bridges are also low-maintenance, weather-resistant and are highly resistant to salt.
- With the JFBs, we can achieve a free span of up to 40 metres, where even a 12 tonne vehicle can occasionally pass.
- Manufacturing a JFB requires less energy than a traditional bridge. And the low weight also requires less energy for transport. This results in significantly less CO2 emissions.

JFB

APPLICATION

CHARACTERISTICS

- Extremely long service life
- Full customisation
- Up to 40 metres free span
- Also for motorised vehicles
- Reduced CO2 emissions

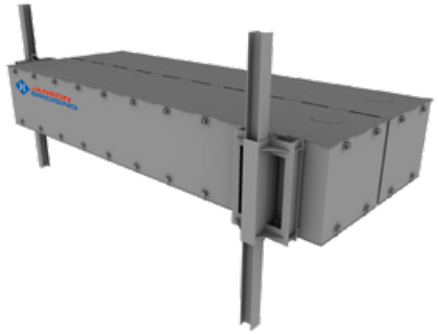
	JFB-G	JFB-P
Application	Cyclists, pedestrians and light motorised transport	Cyclists, pedestrians and light motorised transport
Maximum free span	Approx. 40 metres	Approx. 40 metres
Road width	Made-to-measure	Made-to-measure
Material	Glass fibre	Synthetic fibre
Capacity	5 kN/m²	5 kN/m²

PONTOONS

Working on water becomes possible where it previously seemed impossible. Due to Janson's wide range of modular pontoons we can design and deliver project specific solutions to facilitate the work.

JANSON
COUPLING PONTOONS (JCP)

Janson's versatile coupling pontoons are available in many sizes, so that the desired capacity of the floating platform can always be realised. The JCPs are designed to be transported by standard trucks. They are launched using a crane, with the top couplers used as lifting eyes. An effectively designed coupling system allows the pontoons to be coupled quickly and easily, without any mechanical assistance.



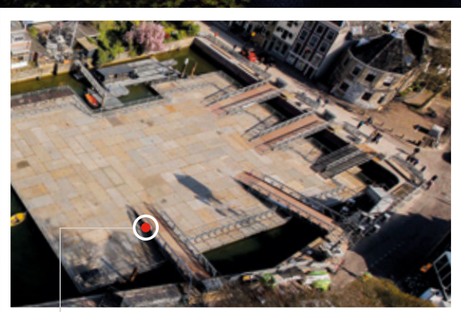
COUPLING PONTOON (JCP)	Dimensions (lxwxh) (mm)	Weight (kg)	Buoyancy at 300 mm freeboard (kg)
JCP-1000	2,500 x 2,500 x 1,000 5,000 x 2,500 x 1,000 7,500 x 2,500 x 1,000	2,280 3,700 5,230	1,750 4,625 7,314
JCP-1500	5,000 x 2,500 x 1,500 7,500 x 2,500 x 1,500 12,500 x 2,500 x 1,500	4,350 6,850 10,000	10,000 15,750 26,563
JCP-2000	7,500 x 2,500 x 2,000 12,500 x 2,500 x 2,000	7,650 11,500	21,937 38,125

JANSON
FLOATING LIFE (JFL)

Janson's Floating Life is the solution for the rapid expansion of (living) space. Think, for example, of extra terrace space, a floating hotel suite, event rooms, or as a private individual enjoy the nature with a floating home. Thanks to the included aluminium structure, you can achieve your desired goal in no time at all. The JFL is almost unsinkable, very strong, easy to transport, cost-effective and, moreover, certified. Discover the numerous possibilities!

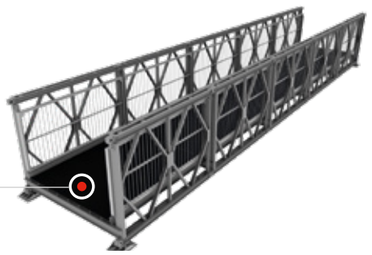
FLOATING LIFE (JFL)	Dimensions (lxwxh) (mm)	Weight (kg)	Buoyancy at 300 mm freeboard (kg)
JFL-730	12,192 x 4,876 x 2,896 (incl. superstructure)	6,000 (incl. superstructure)	24,000

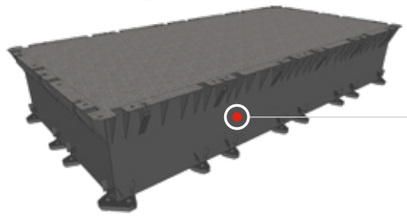
WALKING ON WATER



Passion for pontoons

For the live television event The Passion in the city centre of Dordrecht, Janson supplied modular pontoons and bridges. By deploying hundreds of pontoons and a number of pedestrian bridges, for a moment, the thousands of visitors could also walk on water.





Pedestrian bridges and pontoons

PROJECT CHARACTERISTICS

- City centre Dordrecht
- Podium island and audience island
- 350 plate pontoons
- 6 footbridges

JANSON
PLATE PONTOONS (VPP)

Janson Bridging's plate pontoons have more than proved their worth in recent decades. The versatile pontoons can be used for infrastructure works, but are also frequently used at events. Due to the smart dimensions, the pontoons can be linked in length and width, and any configuration is possible.

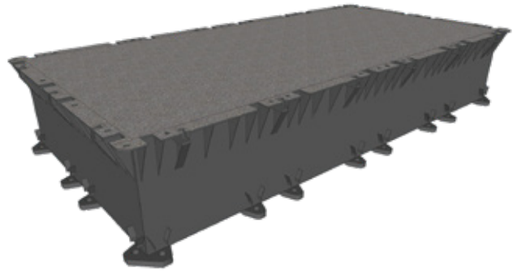
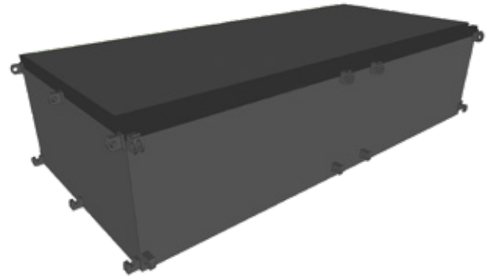


PLATE PONTOONS (VPP)	Dimensions (lxwxh) (mm)	Weight (kg)	Buoyancy at 300 mm freeboard (kg)
Centre pontoon (VPP-730M)	4,200 x 2,100 x 730	1,185	2,100
Bow pontoon (VPP-730B)	4,725 x 2,100 x 730	1,200	1,942

JANSON
UNIFLOTE PONTOONS (VUP)

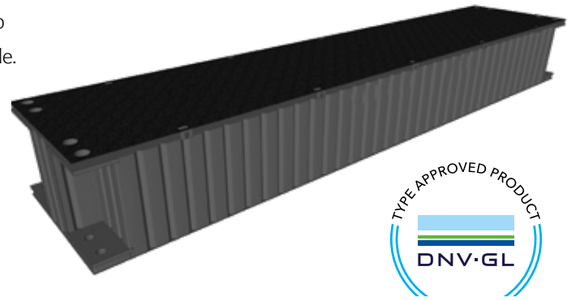
Uniflote pontoons come in 2 types: the VUP-1230 and the VUP-1330. Janson Bridging's VUP series is suitable for the heavier civil work on the water. They are used as work islands or probing platform pontoon, but also as a breakwater. Railings, bollards and spud poles are available when your project requires them.



UNIFLOTE PONTOONS (VUP)	Dimensions (lxwxh) (mm)	Weight (kg)	Buoyancy at 300 mm freeboard (kg)
VUP-1230	5,635 x 2,690 x 1,230	5,100	9,366
VUP-1330	5,260 x 2,420 x 1,330	4,000	9,136

JANSON
HEAVY DUTY PONTOONS (VCP)

Janson Heavy duty pontoons are for the toughest jobs on the water. These pontoons are suitable for loads up to 120 tonnes. With the two types of 6 and 12 metres long, any desired configuration can be made. Janson Heavy duty pontoons are also DNV-GL certified!

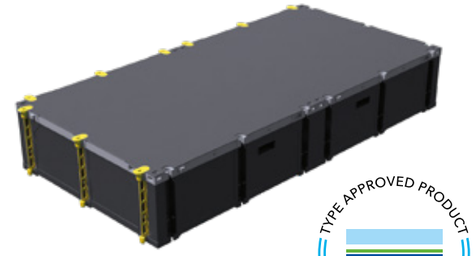


TYPE APPROVED PRODUCT
DNV·GL
DNVGL.COM/AF

HEAVY DUTY PONTOONS (VCP)	Dimensions (lxwxh) (mm)	Weight (kg)	Buoyancy at 300 mm freeboard (kg)
VCP-1500-6	5,980 x 2,480 x 1,500	6,350	7,250
VCP-1500-12	11,980 x 2,480 x 1,500	10,800	20,400

JANSON
EVENT PONTOONS (VSP)

Unique to our VSP pontoon is its high deck load and lightweight cou- pling system. The pontoons can be connected very quickly in an ergonomic way without mechanical support. In addition, these couplings remain in the pontoons during transport. This means fewer transport movements. Thanks to the VSP's clever sizing, any desired configuration can be realised. The VSP pontoon is not only used for events, but is also very suitable for civil and maritime work. The pontoon is also DNV-GL certified.



TYPE APPROVED PRODUCT
DNV·GL
DNVGL.COM/AF

EVENTS PANTOONS (VSP)	Dimensions (lxwxh) (mm)	Weight (kg)	Buoyancy at 300 mm freeboard (kg)
VSP-770	4,500 x 2,250 x 770	2,150 (incl. couplings)	2,287

FERRIES

Even when a bridge is not possible on site or is not the most economical solution, Janson Bridging ensures accessibility. With our ferries. Like our bridges, our ferries are based on our modular philosophy. This allows them to be adapted in length, width and depth to the required capacity and location.

JANSON
FERRY SYSTEM (JFS)

Janson modular ferries (JFS) can be fully assembled from standard road transportable parts. The JFS is also based on Janson Bridging's modular philosophy. The size of the ferry can be determined on the basis of our standard Janson coupling pontoons. With that, anything is possible!

- The applied motor power depends on the desired speed, the fairway data and the dimensions of the ferry.
- The ferry is designed according to the roll-on, roll-off principle with hydraulic ramps on both sides.
- Alternatively, the individual pontoons can be set up as an engine compartment, storage pontoon or bunker tank.
- The engines can either be installed in drive pontoons or on deck with standard surface-mounted engines.

JFS

APPLICATION

CHARACTERISTICS

- Ferry for passengers and vehicles
- Dimensions and speed variable
- Wheelhouse with all-round visibility
- Fast, effective and modular

JFS AS DISPLAYED
(FULLY CUSTOMISABLE)

Weight	225 tonnes
Maximum net load	320 tonnes
Number of modular pontoons	17 pontoons (variable size)
Draught at full load	1.40 metres
Maximum speed	11 km/h with full load
Draught unloaded	0.55 metres
Driveways	2 hydraulically operated ramps, 6.25 metres long and 5 metres wide
Engine output	2 units 368 kW Marine Diesel engines
Propulsion	2 steering trusses

CUSTOMISED SOLUTIONS

Floating, hanging, lying or sailing, sometimes there are situations that call for a unique solution.
And Janson Bridging can make this happen. Smart, effective and of course based on our modular thinking.

JANSON CUSTOMISED SOLUTIONS (JCS)

In addition to all the standard products Janson Bridging has in its portfolio, we also offer customised solutions (JCS). That way we always get to the other side. But also our special accessibility solutions are based on our modular thinking. This means that we always have a tailor-made solution based on our experience and yet fast and cost-effective.

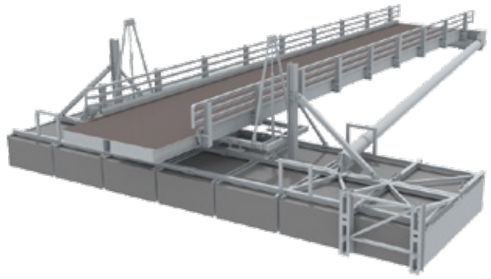
- Our roll-on-roll-off systems (JRO) are one of these customised accessibility solutions. The roros are constructed from our bridges and pontoons and always form the perfect connection between large ships and the mainland, especially on difficult-to-reach places.
- Another possibility is an extra rigid bridge that can be used as a tram or railway bridge, also as a temporary solution.
- Whatever your situation, Janson Bridging's experts will discuss it with you about the best and smartest solution within your budget. Our experienced engineers calculate the whole, so that you can be sure of the most secure connection.

APPLICATION

CHARACTERISTICS

- The unique solution for your situation
- Bridges, ferries, roro in all applications
- Calculations, assembly and transport in one hand
- High quality high-end solutions

) Railway bridges (



) Roro systems (

ENGINEERING

Every day, our team of highly experienced in-house engineers works out the best solutions for your infrastructure and mobility issues. They are at your service every day for questions relating to both calculations as well as questions on legislation and global standards. In addition, continuous work is being done to improve product solutions and innovations.

JANSON
ENGINEERING

Whatever your challenge, our extensive team of highly experienced designers and CAD draftsmen is working on your solution. We are your centre of expertise with regard to reaction forces, static and dynamic calculations as well as the contact point for your questions on legislation and global standards.

Janson Bridging's expertise in the design of temporary, semi-permanent and permanent modular bridges is renowned worldwide. All our bridge systems are developed on the basis of the latest Eurocodes with specific local annex. By using 3D designs, we reduce failure costs and visualise your solution. Janson Bridging also offers the possibility to contract engineering capacity for your specific issues.

Janson Bridging Engineering:

- Highly experienced team of experts.
- In-depth knowledge of local standards through our own engineers at our decentralised branches.
- Use of high-tech hardware and software.
- Certification of all our engineers by internal training through Janson Academy.
- Design quickly available through our standardised modular systems.
- Guaranteed residual life products.
- Extensive civil and military knowledge and experience.

ENGINEERING SERVICES

- Designs, calculations and drawings
- Research & development
- Design Consultancy
- Installation advice & training
- Maintenance and repair advice
- Inspection advice & training

High-tech

Janson Bridging Engineering uses the latest high tech software such as Inventor, RFEM, Nastran and BIM, as well as Product Lifecycle Management (PLM) software, which enables us to reduce the residual life and ensure traceability of our stock.

R&D

In addition to the design of accessibility solutions that our engineers work on daily, Janson Bridging Research & Development is continuously working on the further development of existing modular systems as well as the development of completely new systems. Janson Bridging R&D performs both destructive and non-destructive testing to validate design calculations and fatigue characteristics to ensure the structural integrity of our products.

JANSON
ENGINEERING

Fast, safe, hassle-free

Our engineers provide support with advice during installation to ensure that it runs safely, smoothly and according to plan. Our qualified bridge installation consultants are experts in the field of site surveying, planning, logistics, infrastructure development and installation. Our extensive on-site technical support, combined with the unparalleled design and modular nature of our systems, minimises on-site time and ensures a safe, quick and worry-free installation.

Military defense and calamities

In addition to its commitment to civilian accessibility solutions, Janson Bridging is active in the military market. Many of our civil solutions are also extremely suitable as a military application. Through Janson Defense Services (JDS), our design team supports defence organisations worldwide. Through Security & Disaster Relief (SDR), engineers are immediately on site for site surveys and advice, in case of calamities such as floods or storms.

Inspection

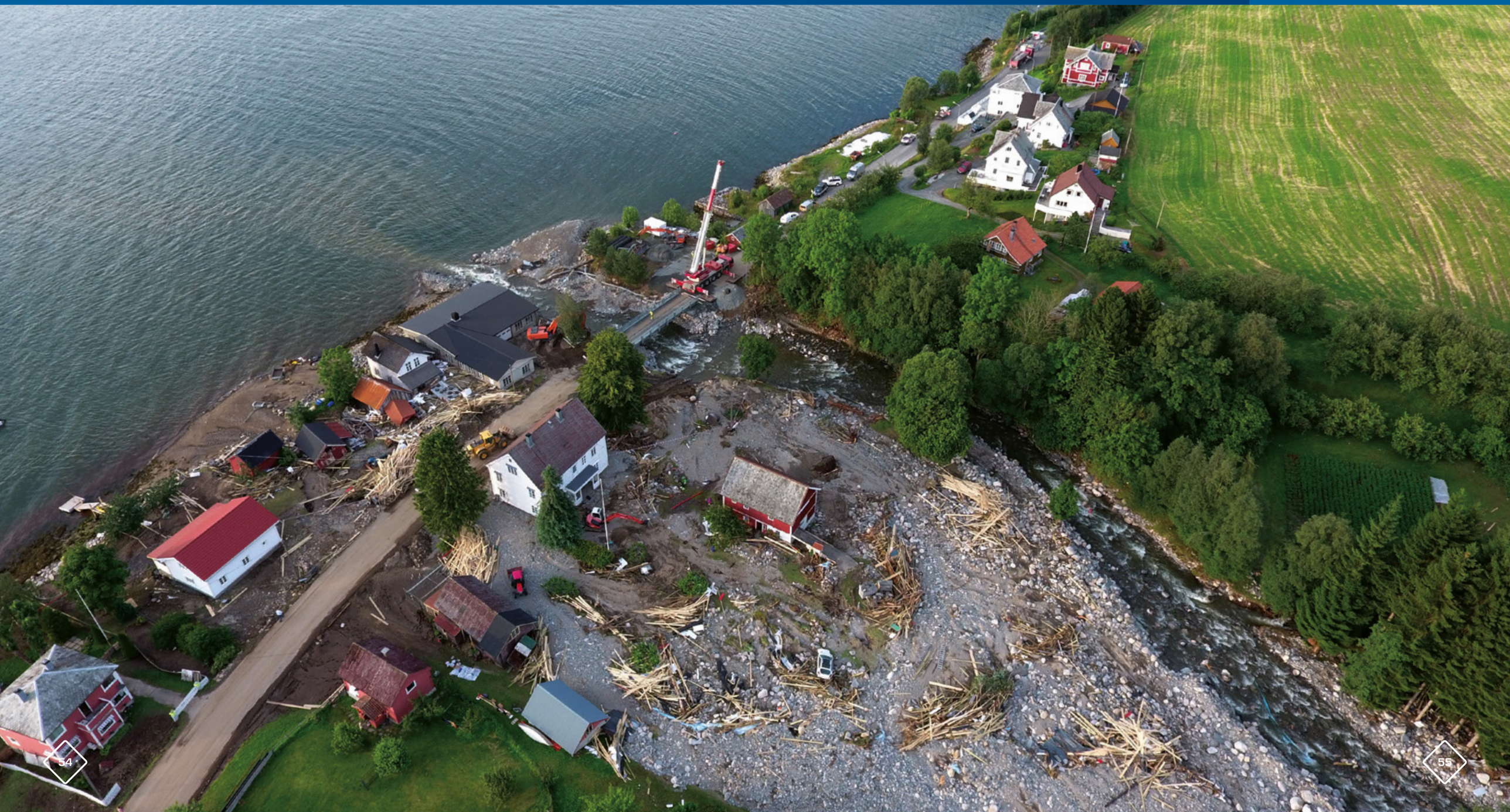
Systematic maintenance and inspections are essential for safety and life of bridges. Inspections are carried out by our teams of qualified and experienced engineers. Our services range from inspections and assessment to repairs, the supply of spare parts and the certification of our bridges.

Education & Training

Janson Bridging supplies bridge systems worldwide. From Janson Academy, we provide education and training to our customers wherever they are. This enables them to install, inspect and maintain our systems locally themselves. Janson Academy offers comprehensive training packages, either on-site or at our training facility in Hank. By sharing our knowledge and skills we enable our customers and local contractors to be self-reliant.

SDR & JDS

Our service goes further... Our Janson Security & Disaster Relief (SDR) department focuses on achieving accessibility in areas where natural disasters have suddenly made parts of the country inaccessible. Janson Defence Services (JDS) focuses on the global armed forces and supports them with civilian equipment for military applications.



JANSON SECURITY AND DISASTER RELIEF (SDR)

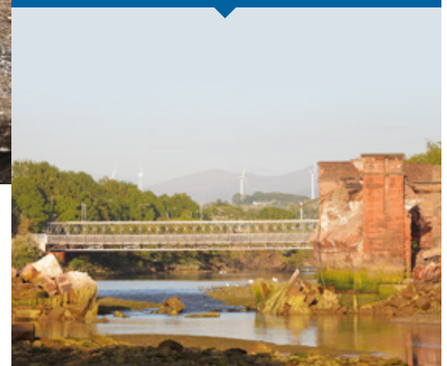
This special business unit of Janson Bridging focuses on cooperation with civil and military organisations that are active in the field of security and disaster relief. Some of our people have themselves served in security organisations for many years. As a civil partner, we provide a flexible shell to governments to be able to offer an immediate back-up when it comes to accessibility solutions.

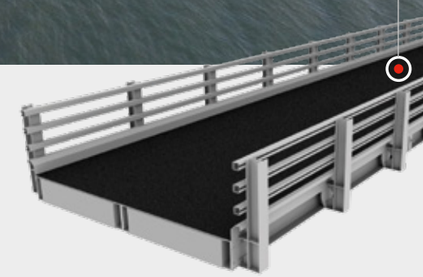
For example, we enable governments to offer acute accessibility solutions to their customers via a Service Level Agreement ('pilot light contract'). We do this mainly in three areas:

- **Guaranteed deployment** - A guaranteed capacity of people and resources available to ensure immediate accessibility in (emergency) situations.
- **People** - We train end-users, such as local soldiers, to be efficient and skillfully assemble bridges themselves.
- **Proven working methods** - In order to always achieve the best possible result in the event of an emergency, we periodically reflect with end users and decision makers on our self-developed and proven working methods.

BEFORE

AFTER





REDUCING THE GAP BETWEEN A CRISIS AND RESPONSE

Planning for resilience

Many government organisations have been suffering from budget cuts for decades, which means that a good back-up system in terms of accessibility during disaster relief often is lacking. Due to climate change and natural disasters, this lack has become a burning issue. By making agreements with governmental organisations in advance regarding the availability of people and resources, Janson Bridging is able to respond quickly in the event of calamities. This enables governments to make decisive operational decisions in extremely challenging and complex situations. Our expertise in the field of multi-stakeholder project development and, of course, our extensive knowledge of modular bridge systems, ensure that we can adequately relieve public authorities of their burden.

JANSON DEFENCE SERVICES (JDS)

Declining defense budgets, shortage of resources, obsolete equipment and slow procurement procedures can limit the military's ability to respond quickly in crisis situations such as wars, disasters and refugee flows. Worldwide support Janson Defence Services (JDS) assists armed forces in their logistical demands on accessibility facilities such as bridges.

Here, we offer a bridge portfolio based on the STANAG 2021, with which soldiers always have the right bridge at the right time at their disposal. In addition, we support these organisations in the field of engineering, maintenance, inspection and training. Thus, we offer a unique value proposition in supporting military organisations in protecting their nations.

- RESILIENCE / TOTAL FORCE
- STANNAG 2021
- TOT MLC 120T/150W

Military Toolbox

JDS offers army organisations worldwide a unique proposition with a military toolbox. This proposition offers adaptivity. Your military engineers will be continuously educated and trained in the use of the latest Line Of Communications Bridges (LOCB) under the desired Service Level Agreement. With a guaranteed availability we provide support for military missions and exercises.

‘Military challenges? Civilian solutions!’

Our dual-use (CIV/MIL) Line Of Communications Bridges portfolio





UP TO MLC 120T/150W (EUROCODE)*	BEAM BRIDGE	PLATE GIRDER BRIDGE	GIRDER BRIDGE	PANEL BRIDGE	TRUSS BRIDGE
Scope	High intensity	Divisional area	Divisional area	Divisional area	Logistics area
Maximum free span (m)	24	54	60	70	100
Military Load Class	Fixed	Fixed	Variable	Variable	Variable
Lead time	Preparation: super fast Installation: hours	Preparation: super fast Installation: day	Preparation: super fast Installation: week	Preparation: super fast Installation: week	Preparation: super fast Installation: weeks
Resources	••	••	•••	|	|
Required equipment	Military crane	Civilian crane	Civilian crane	Civilian crane	Civilian crane
Logistics	Light	Light	Light	Heavy	Heavy
Flexibility	Plug & Play	Plug & Play	Customisable	Customisable	Customisable

** Our products are manufactured according to the Eurocode standard. In this table, this standard has been converted to the MLC standard.*

GLOBAL

Janson Bridging aims to contribute to the increased well-being of population groups by increasing accessibility worldwide. By creating safe access to education, health care, work and trade, we support social and economic development in countries.

LARGE-SCALE PROJECTS

THE BRIDGE TO EDUCATION & HEALTH CARE

Janson Bridging International understands the local needs and actively contributes to the sustainable development goals of the United Nations as part of the corporate mission. By achieving accessibility, education, healthcare, commerce and employment through our high-quality modular solutions such as bridges, pontoons and ferries, we want to contribute to reducing of global wealth differences. We relieve governments in all phases of a project. From topographical, seismic, hydrological, meteorological, environmental and social impact studies and cost-benefit analyses, to design, engineering and manufacturing. And from installation to training, supervision, inspection, insurance and maintenance. Janson Bridging can also assist you in financing the accessibility solution.

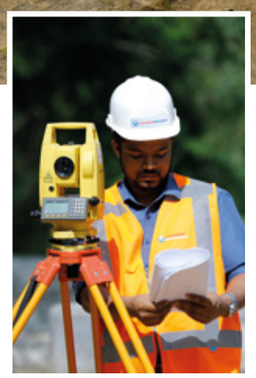
In Suriname Janson Bridging realised the new Carolina Bridge, one of the most important connections across the great Suriname River. The immense double lane road bridge, with footpaths on both sides, is 204 metres long and realises an even greater impact on its immediate and distant surroundings.

BEFORE

AFTER

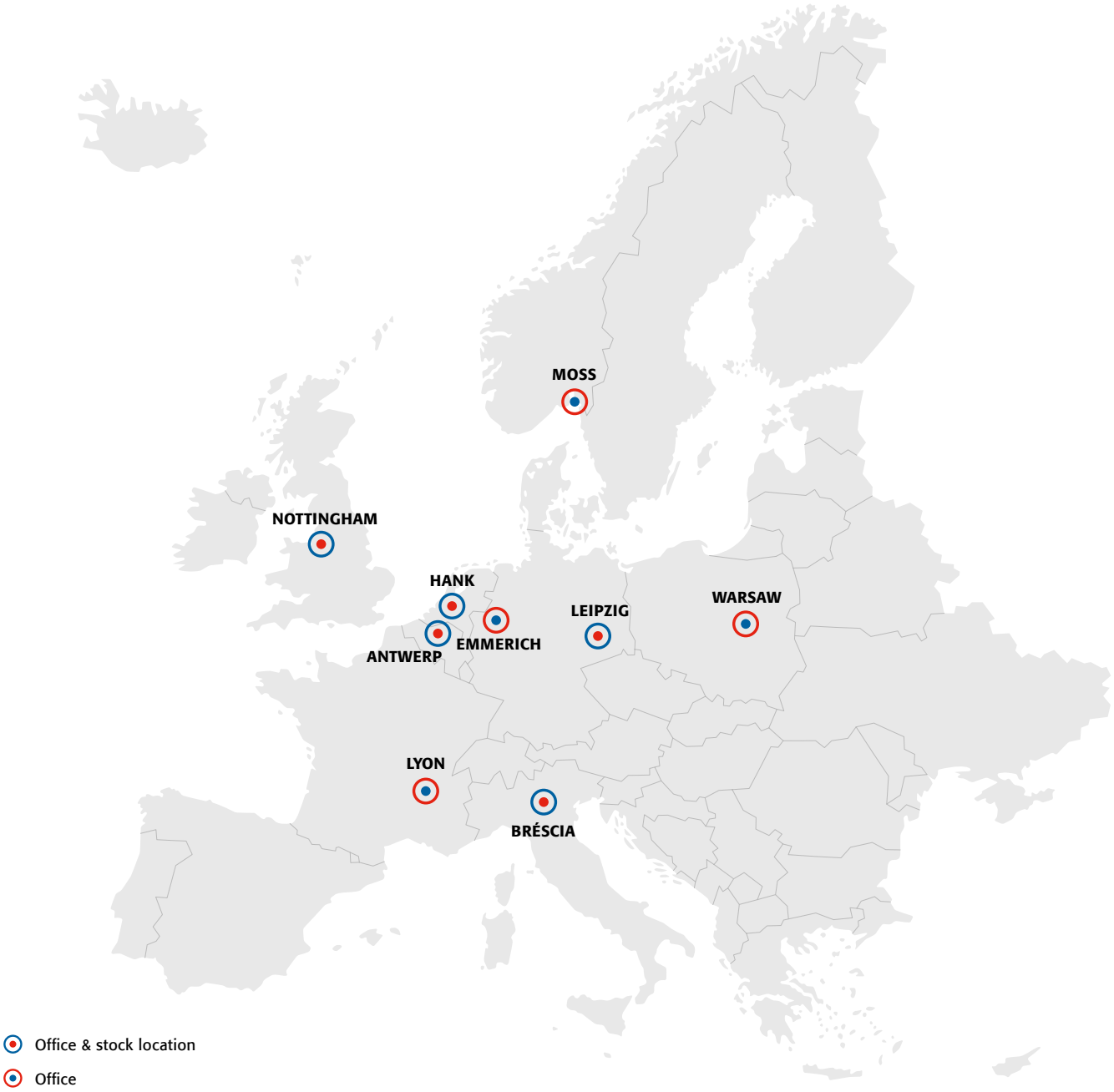
In Sri Lanka, Janson Bridging International supplied and installed more than 1,000 Janson girder bridges (JGBs). A continuously growing group has secure access to education, health care, employment and trade.

"Sustainable projects worldwide"



An important element in the realisation of local accessibility is the use of local businesses and their employees. Janson Knowledge & Training Center provides various training and education at various levels, from theoretical training for Ministries, consultants and local businesses, to security and technical training on the construction site. By doing so, we contribute to the sustainable enhancement of local knowledge level.

JANSON BRIDGING BRANCHES



jansonbridging.se

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