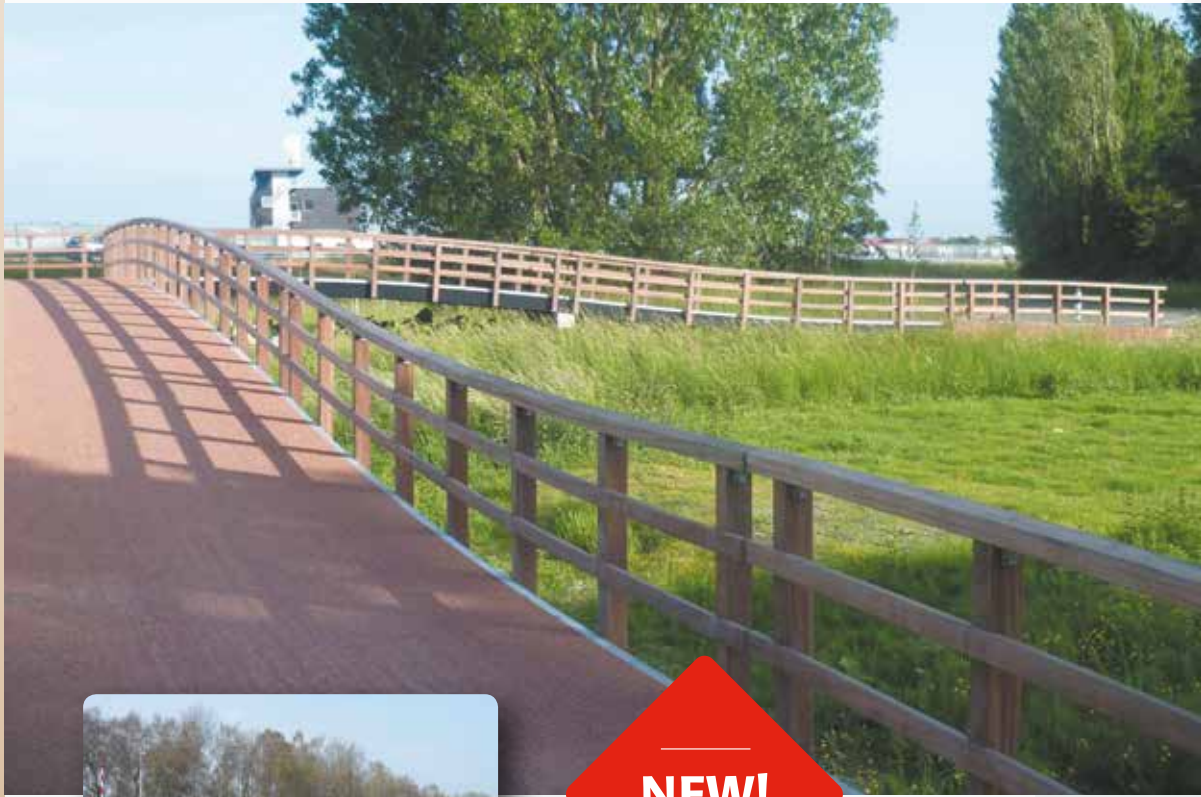


# Composite Bridges

## JCB bicycle and pedestrian bridge



**NEW!**

More than  
a life-long  
solution!

BRIDGES | PONTOONS | RORO'S | FERRIES  
modular solutions



**JANSONBRIDGING**

COME ACROSS

# Economical, strong and according to your wishes!



Janson Bridging brings something new to the market! In addition to our range of modular bridges we can now offer our **JCB** which is a specialised solution for cyclists and pedestrians.

The JCB is made from fibre reinforced plastic (FRP) is extremely durable, low maintenance and very robust. Due to the special techniques used in development of the system we can allow a high degree of design freedom meaning that the properties and look at the bridge can be configured to the clients requirements. This flexibility combined with the long life and low maintenance make our JCB the most economical solution available for pedestrian and cycle bridges.

## No bridge too far

The JCB solution is the logical choice for pedestrian and cycle bridges as it has a lifespan of over 100 years! The bridge is low maintenance (no rotting or rust), robust and even fireproof. Furthermore because of the properties of FPR the solution is typically much lighter than alternatives which means that the sub structure and install are also often less expensive.







## Requirements that are met:

- ✓ In accordance with NEN-EN1991-2
- ✓ Distributed load 5kN/m<sup>2</sup>
- ✓ Mobile load from maintenance vehicle of 5 ton
- ✓ Incidental load from unintended vehicle of 12 ton



With its durable and low-maintenance properties, the JCB wins over bridges made of wood, steel and concrete. An actual maximum span of 40 meters can be realized. The width has no limitations, because the various elements can be connected to each other.

The bridge is equipped with a wear layer and finished with a colour top coat. The bridge can be provided with a hand rail in various ways. By default, the bridge is provided with a durable JCB handrail, but a steel, wood or bamboo composite handrail is also possible.

### Shape and design

Janson Bridging understands that a bridge is part of the environment, and therefore should fit into the landscape. Our JCB bicycle and pedestrian bridge is made through vacuum injection. Because of this our bridges have a high freedom of design. the bridge can be finished flat or arched.



## Created for every landscape!



But more complex forms are also feasible. This could, for example, include sine wave designs, constructions which extend in thickness and asymmetric structures. The finishing of the side of the bridge has various options, depending on the choice to attach the handrail to or on the bridge.



### **Life long total solution**

With JCB, Janson Bridging provides you with a customized solution. Whether it involves consulting, engineering, production, or erecting a bridge, we are ready for you!

**We can also remove the old bridge, or provide a temporary solution, no problem.**

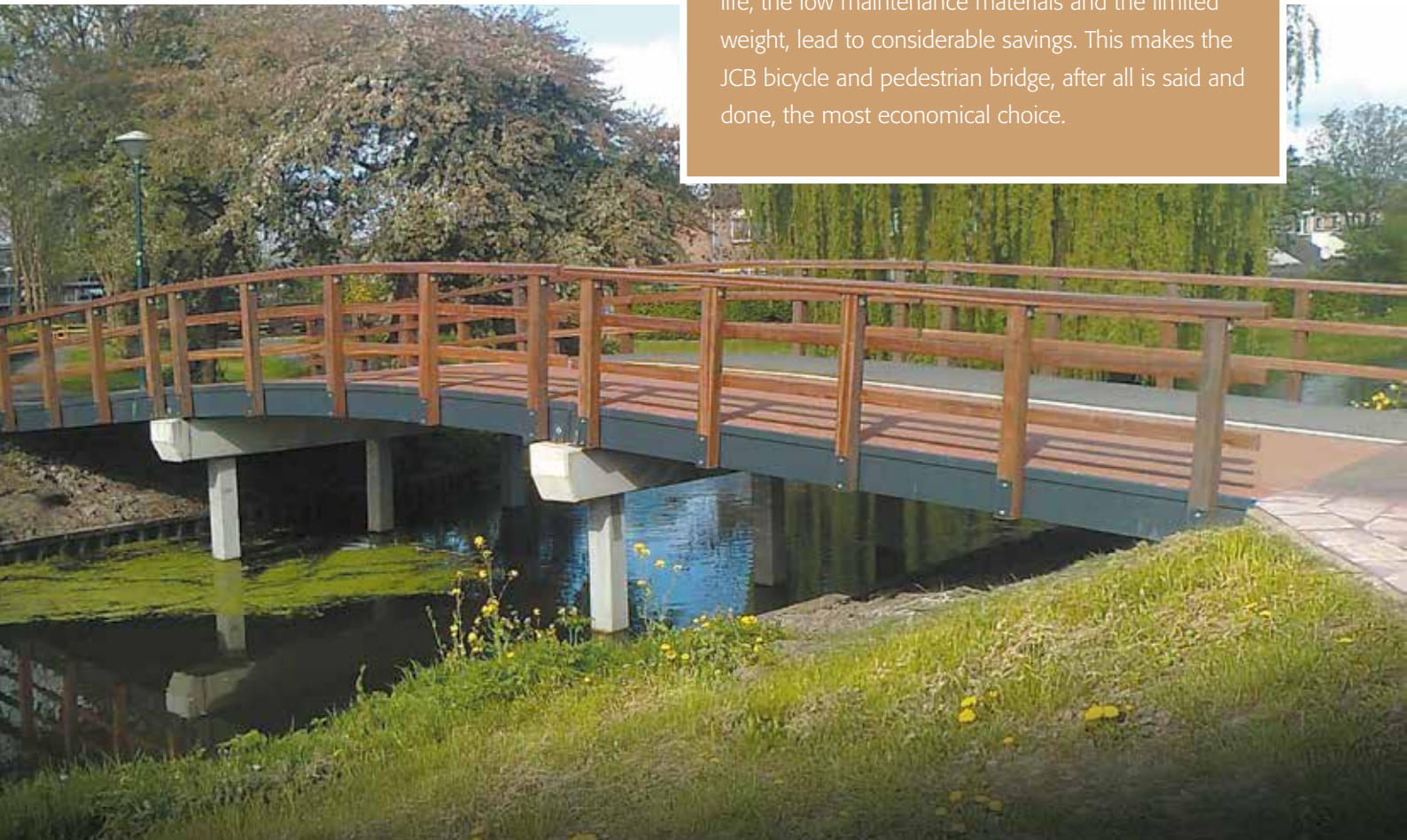


**10**  
advantages  
in a row

- ✓ Long life expectancy of more than 100 years!
- ✓ Attractive design
- ✓ Favourable EMMI score
- ✓ Low maintenance
- ✓ UV resistant
- ✓ Unaffected by fungi and chemicals
- ✓ Fire safe
- ✓ Fatigue proof
- ✓ Short construction time
- ✓ Economical choice!



You can compare the purchase price of a JCB with that of a bridge made from traditional materials. However, the advantages such as a long service life, the low maintenance materials and the limited weight, lead to considerable savings. This makes the JCB bicycle and pedestrian bridge, after all is said and done, the most economical choice.



) [www.jansonbridging.co.uk](http://www.jansonbridging.co.uk) (

**Janson Bridging UK**  
Unit 1, The Ridgeway Business  
Park The Ridgeway Blunham | Beds MK44 3DE | United Kingdom  
T +44 1767 641 469 | F +44 1767 641 512  
[info@jansonbridging.co.uk](mailto:info@jansonbridging.co.uk)

