

Long prestressed beams



Bridges and viaducts



Haitsma Beton's long beams, whose enormous span (our tensioning device is 90 m long!) renders intermediate pillars obsolete, offer new perspectives for the construction of roads and waterways. These beams will enable you to reduce construction time for bridges and viaducts, as well as to guarantee improved access to both road and water transport.

Great advantages

With viaducts that have no intermediate pillars, there is greater flexibility for distributing and widening the roads below. This leads to improved circulation, in turn making it possible to channel increasing traffic intensity in an appropriate manner. Long beams also result in shorter construction time, and in turn in reduced safety risks, as well as fewer problems for road users. For waterways, the mega-beams also lead to improved circulation and increased traffic capacity. With intermediate pillars no longer necessary, abutments can be constructed outside shipping routes. Here too, construction time, risks and problems for users are reduced.



Modern production facilities

Haitsma Beton has its own concrete production centre with six production halls, featuring modern equipment and a high hoisting capacity. Our extra-long prestressed beams are produced in one of our largest halls, measuring 120 m in length and 35 m in width. The hall has two prestressing beds, each 105 m in length, making it possible for designers to test the limits of large prestressed beams, e.g., box girders and rail beams.





High quality

Long beams must be made using concrete of a high and consistent quality. To be able to supply such concrete, Haitsma Beton has developed its own rail-mounted pouring machine with a pulse-free pumping device, enabling us to guarantee a constant feed of large quantities of concrete, and, in turn, to guarantee the quality of its beams, as well. All products from Haitsma Beton are made from self-compacting concrete and all satisfy relevant aesthetic requirements. We employ a strict quality assurance system (ISO 9001 certificate), with certifications for all our products and services.



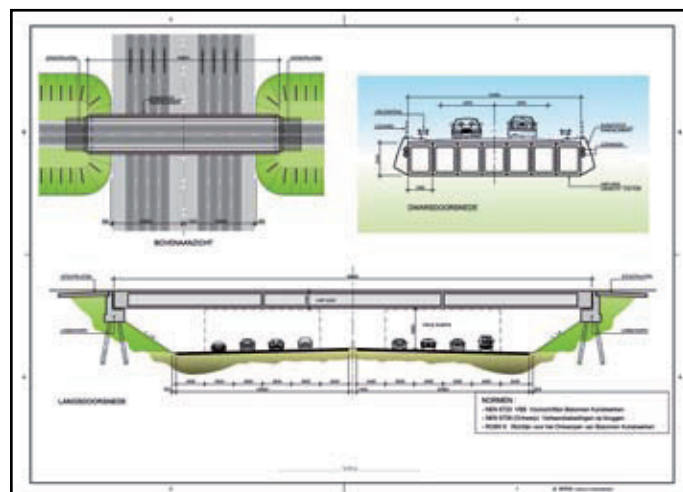
Smart transport

With Haitsma Beton, transporting precast beams and other precast products is simple and lucrative. Our production hall is built directly above a dock. Through its unique location on the Prinses Margrietkanaal, it offers easy access to important waterways. Ships can be loaded directly using hall cranes, which tower above the harbour, making it possible to take advantage of water transport, generally the more lucrative and environmentally friendly option.



Largest in the Netherlands

The imposing bridge over the Van Starckenborghkanaal at Eibersburen features the Netherlands' longest prestressed beams. Haitsma Beton provided the design, production and assembly of these beams. The bridge has an unequalled span, with five box girders, each weighing 195 tonnes and measuring 58.7 m: a first for the Netherlands and a leap forward for Haitsma Beton in making possible larger bridges and viaducts.



Leader in innovation

In the field of precast concrete, the name Haitsma Beton is synonymous with innovation. Drawing on more than a century of expertise, our firm is a factor of stability in the fields of construction and infrastructure. We never stop developing new and better products and processes. This pioneer spirit has resulted in trend-setting innovations from Haitsma Beton, including our extra-long prestressed beams.

Full-service supplier of made-to-measure products

Haitsma Beton specialises in the production of top-quality precast concrete elements, barriers and piles. However, in addition to manufacturing these products, we also supply all requisite engineering. We also act as (construction) adviser and supply all requisite transport and assembly services. We supply made-to-measure products for bridges, viaducts, stadiums, car-parks, buildings and roads. No challenge is too great for Haitsma Beton.

If your aim is to build on a larger scale in precast concrete,
you can rely upon Haitsma Beton!

Haitsma Beton – the pioneer in precast

