

We use cookies to give you the best viewing experience. Click [here](#) for more information.

OK

Advertisement



Your passion. Our DNA.

Sarens Moves The Landmark Barge Céphée In Belgium

Sponsored By Sarens | 03 April 2023

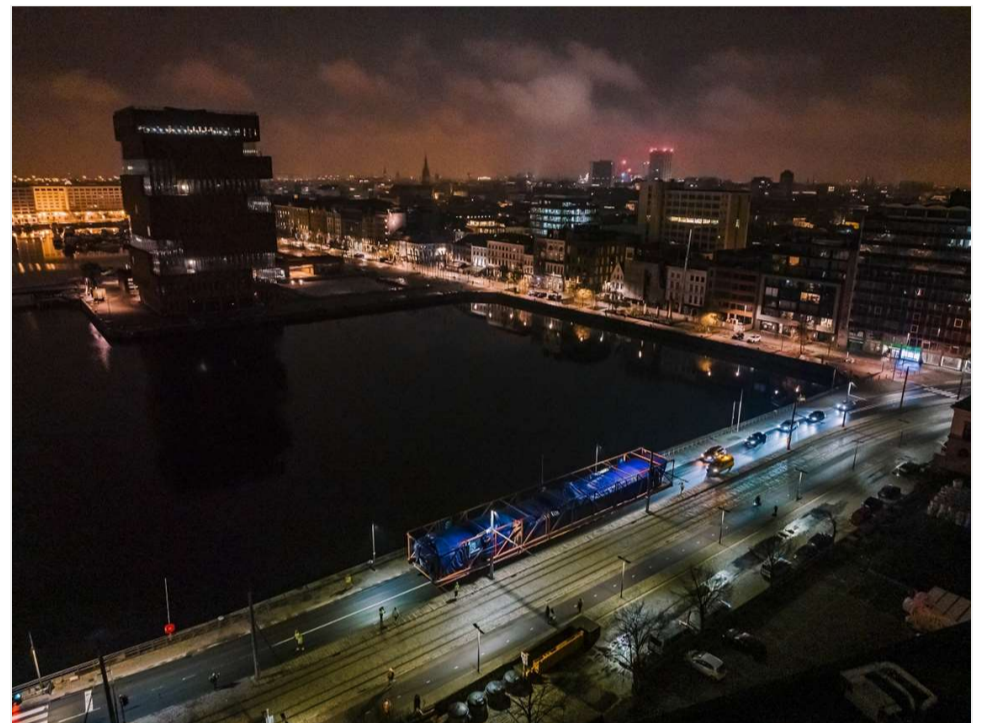
👁 2 min read

Sarens safely lifted, transported, and installed the symbolic barge in Antwerp, Belgium

The Céphée barge, built in 1937 in France, was bought by the Friends of the National Maritime Museum in 1984 from the Antwerp Rhine and Inland Navigation Museum and donated to Antwerp city. Upon closure of the National Maritime Museum this one of a kind barge had to be moved to the Dry Docks, where it will feature at a maritime experience site.

Samoco, a part of Sarens, rose up to the challenge to move the barge from Jordaenskaai to Droogdokkensite. The team proposed a technical solution for the project. The project was conducted in two phases:

- The first part included engineering, construction, and installation of a supporting steel frame around the barge and a wooden frame inside the barge.
- The second part was engineering and jacking with SCJ50, transport with 12 axle-lines of K25 SPMT, jacking at the new location and moving the barge into a new building with wheelsets at the Droogdokken site, a few kilometers further.



For the first phase the steel and wooden frames were ordered, assembled, and installed around the barge by mid-February. The barge measured 40m x 5,8m x 4m and weighed 90T including 40T steel structure around it.

The second phase began with the jacking of the barge to install the SPMTs underneath. Before transporting the barge, our team had to make sure the below preparations were in place:

- Dismantling of concrete wall
- Removal of protected fencing
- Street furniture management
- Removal of fronton of warehouse
- Installation of steel plates
- Application for transport license
- Closing of the road
- Disconnecting tramlines

With everything meticulously planned the barge was moved to its final destination by the SPMTs during the night. The barge was then positioned in front of the building and lowered on the jacking system. The SPMTs were removed and the barge was lowered on to our wheelsets. Next the barge was pushed inside the building and lowered on to the concrete ground floor.

MAGAZINE

NEWSLETTER





ISSUE ARCHIVE

DOWNLOAD MOBILE APP

Delivered directly to your inbox, World Crane Week Newsletter features the pick of the breaking news stories, product launches, show reports and more from KHL's world-class editorial team.



FREE SERVICE: Daily

Construction Briefing offers concise, comprehensive coverage of key issues, best practices, expert comment on the industry. This FREE service will send you a quick global update every morning, providing you with the knowledge and tools to make the best decisions for your business - sign up today!



Long Reads



Decommissioning project claims two new world records

The decommissioning of an old FPSO turned out to be a double record-breaking project



Scott Bragg: 'I learned the value of starting at the bottom and working my way up'

New SC&RA President feels privileged to play a part. Mike Chalmers reports exclusively for ACT.



What are the benefits of a boom launch trailer?

Rigging a crane for transporting to a jobsite may involve the use of a boom launch trailer, which can save time and money.

Load More

Advertisement

www.hovago.com
Member of the ProDelta group



HOVAGO
Your global cranes partner

Most Read



[Standard and heavy-duty SPMT from Cometto](#)



[Permission granted for sale of Mammoet Russia](#)



[ESTA Awards 2023 shortlist revealed](#)



[Why mini crawler cranes are ideal for restricted sites](#)



[IC100 – Enter now](#)



[Manitowoc updates boom attachment](#)

Advertisement

**INTERNATIONAL
TOWER
CRANES**
CONFERENCE & RECEPTION

**SAVE
THE DATE**

BARCELONA, SPAIN

CONNECT WITH THE TEAM



Alex Dahm
Editor, International Cranes and Specialized Transport
Tel: +44(0) 1892 786 206
E-mail: alex.dahm@khl.com



Mike Posener
Sales Manager
Tel: +353 860 431 219
E-mail: mike.posener@khl.com

CONNECT WITH SOCIAL MEDIA





[About Us](#)

[Media Packs](#)

[Terms & Conditions](#)

[Privacy Policy](#)

[Copyright & Terms of Use](#)

[Contact Us](#)

[RSS](#)

[Content Licencing](#)



© 2023 KHL GROUP LLP | REGISTERED IN ENGLAND NO. 0C306395