



CBE's Segment Moulds line XXL-Tunnel in Wuhan

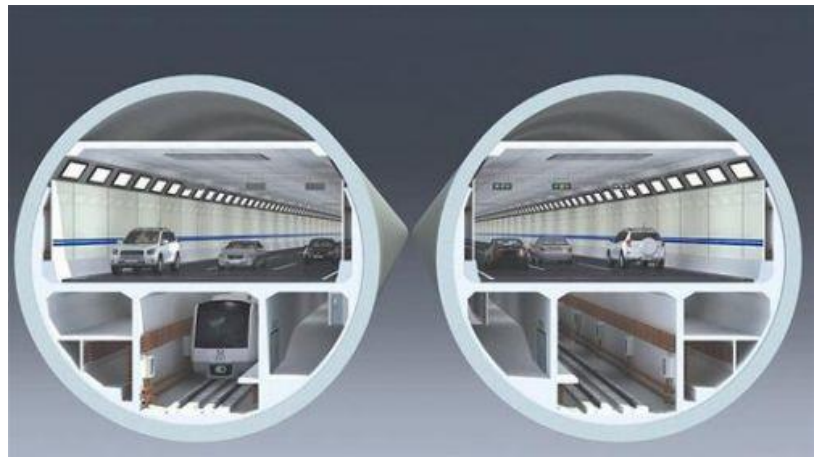
St. Avertin, September 1st 2014. CBE Group will supply 30 segment moulds for a new double function twin tube tunnel at Wuhan, China. The combined road-subway tunnel will have an exterior diameter of 15,20 m. This contract signed with the Chinese company Shizheng confirms once again the leading position of CBE Group for large diameter segment moulds.

The supply by the Chinese subsidiary of CBE Group comprises three sets of segment moulds with an internal diameter of 13900 mm, an external of 15200 mm, a thickness of 650 mm and a width of 2000 mm. Each ring will be composed of ten concrete segments: 7 standard, two counter-key and one key segment. Concept and layout of the moulds are entirely in the hands of the design office based in France, the manufacturing will be carried out in the CBE factory at Yangling in China in order to reduce the transport costs to Wuhan, a city with more than 10 million inhabitants in the centre of China in the province of Hubei.

The experience of CBE Group in designing and manufacturing tunnel segment moulds with large diameters is based on more than 390 projects carried out since 1987. These realizations include the world's largest tunnels, the Alaskan Way Viaduct Replacement Tunnel in Seattle (17 m), the road tunnel Waterview (14 m) in New Zealand, the Strait Road Crossing Tunnel (13.2 m) under the Bosphorus in Turkey, and also the tunnels of the motorway M 30 in Spain (14.7 m) and the Groene Hart Tunnel (14.5 m) in the Netherlands.

The new Sanyanlu tunnel in Wuhan will be part of the first section of the subway line no. 7 including 19 stations over a total length of 30.9 km. The tunnel between two bridges, is composed of two tubes with a length of 2590 m each and will be excavated 40 m under the Yangtze River. It will also be the first tunnel in China with a double function: the upper floor will accommodate road traffic on three lanes, the lower part will be dedicated to the subway line and the technical and safety networks.

This project confirms once again the leading position of CBE Group on the Chinese market of segment moulds, segment production factories and their equipment.



About CBE Group:

CBE Group is specialized in the engineering and the manufacturing of steel moulds, precast factories and maintenance equipment to manufacture concrete segments for all sorts of tunnels (subway, road, railway, cable, water...)

CBE Tunnels had been founded in 1987 by Robert Salmon, who managed the company until his retirement in 2005, when Didier Lefebvre, professional engineer, overtook CBE Tunnels and its industry partner MSCO in order to regroup them under the roof of the newly founded Lefebvre CEF Holding by baptizing them CBE Group. Since the arrival of CEO Didier Lefebvre sales turnover is constantly climbing: 16 million Euros in 2006 up to 25 million Euros in 2013.

The group unites ten nationalities speaking twelve languages. The head office is located in Saint Avertin near Tours in the Loire Valley since 2007, the group's production sites are based in L'Île Bouchard and Yangling in China.

CBE Group now has an experience of more than 27 years and built a worldwide reputation thanks to its presence in about forty countries and an export ratio of 95% of its total turnover. CBE Group started to develop its international vocation with its participation in the construction of the Channel Tunnel.

Until present, CBE Group has delivered more than

- 390 precast facilities worldwide
- 150 carousel type factories
- 14 000 segment moulds

CBE Group's fame is based on know-how, accuracy and quality. The group is organized in three inter-connected units:

- CBE Engineering

CBE has a design office that ensures the lay-out of segment moulds, of handling equipment and precast facilities according to the customer's requirement. The design office studies all the parameters of technical and financial feasibility of the various projects.

- *CBE Industries*

CBE Group has its own production means, and can, upon request, significantly increase its manufacturing capacity. Machining, assembly, 3D laser tracking, automatism or vacuum devices are made by CBE and a large network of industrial partners enables the group to profit from the most advanced techniques such as the 3-D laser cutting.

- *CBE Services*

In 2006, CBE developed its service department in order to make a significant improvement concerning customer's satisfaction. This unit offers the following services:

- *assembly and installation of precast facilities*
- *moulds' control and repair*
- *general and preventive maintenance*
- *service technicians on site*
- *spare parts*
- *24 hrs hotline*

CBE Group is certified ISO 9001 version 2008.

For more information & pictures contact cbe@cbegroup.fr or visit our website on www.cbe-tunnels.com