



Part of



# Your trusted partner for segment precast solutions



# From Pioneering Roots to Global Leadership

**CBE is a French industrial company, specialized in the engineering and manufacturing of metal moulds and automated plants for the production of concrete tunnel segments.**

**Our unique expertise ensures that every project benefits from customized solutions, state-of-the-art technology, and reliable execution, from the initial design to the commissioning of industrial plants.**

CBE's story began with the **Channel Tunnel project in 1987**, pioneering the production of advanced moulds and automated plants to optimize segment manufacturing. Over time, we have built **unique expertise across every tunnel configuration**, mastering the entire production process.

From our **headquarters in France**, we have expanded internationally. China became a strategic market early on, leading to the opening of our **Yangling production site in 2009**, which now serves the entire Asian continent.

In 2025, CBE became part of the **CONSTRUX GROUP**, a worldwide leader in precast concrete solutions. This alliance boosts our growth and innovation power, uniting two complementary experts around a shared ambition: **Shaping the Future of Concrete.**

moulds produced  
since 1987

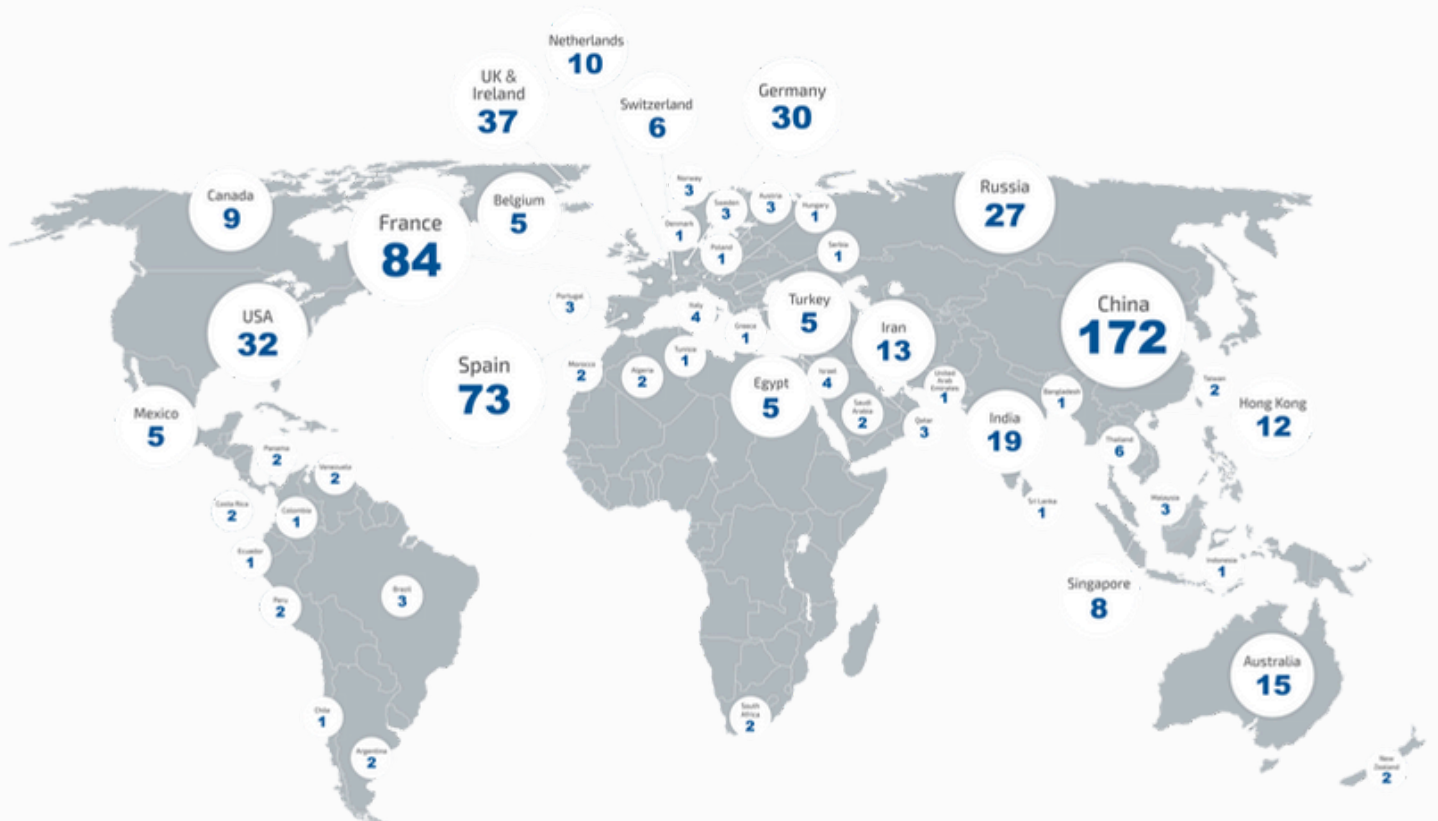
projects including  
**240** carousels

in **54**  
countries around  
the world

sqm of production facilities

employees

▶ OUR TUNNEL SEGMENT SOLUTIONS SHAPE INFRASTRUCTURE PROJECTS WORLDWIDE



*Data collected as of December 31st, 2024*

# Smart Solutions for Every Tunnel Project



## MOULDS: Precision, reliability and operator-friendly design

CBE segment moulds, designed by our experienced French team and manufactured in France and China, deliver **exceptional accuracy and long-lasting reliability** for tunnels of all sizes and for all types of applications (road, subway, hydraulic network, nuclear, etc.)

Built for **ergonomics and safety**, they allow operators to work comfortably while safety devices ensure protection without slowing production.

**Custom-made for your project**, CBE moulds combine durability, precision, and efficiency to guarantee consistent quality, from the first to the last segment.

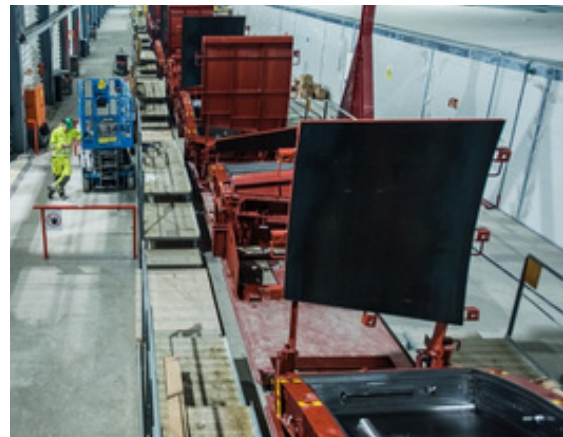


## PRODUCTION PLANTS: Efficiency, flexibility and optimized workflow

CBE offers two types of segment production plants: **stationary and automated carousels**, all designed by our experienced French team.

Stationary plants, with fixed moulds, provide a simple, robust, and reliable solution with fast set-up, while carousels, with moving moulds, offer a **high degree of automation** and an **optimized workflow**. By significantly reducing production times and labor requirements, carousels ensure **efficient, cost-effective operations**, without compromising safety.

With CBE, you benefit from **custom-designed plants** tailored precisely to your project needs.

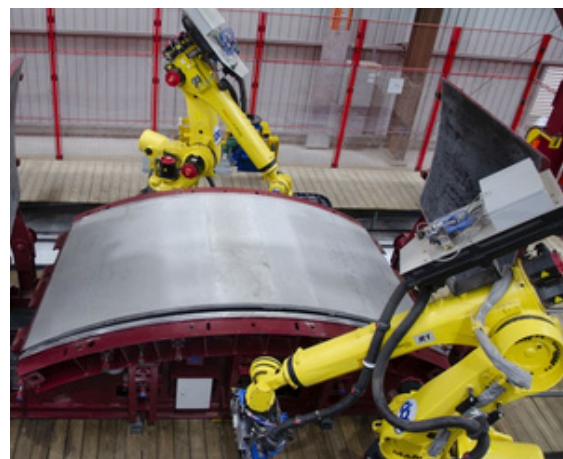


## AUTOMATION & ROBOTICS: Consistent quality, safety and efficiency

CBE has developed **reliable and efficient automated solutions** that boost productivity, reduce production costs, and improve worker safety. Our fully automated systems handle **demoulding, mould opening/closing, cleaning and oiling, dimensional checks and segment finishing**, ensuring **consistent, high-quality results** every time.

By automating repetitive and physically demanding tasks, our technology **reduces labour requirements, streamlines cycle times, and minimizes work-related risks**, allowing your team to focus on value-added activities.

With CBE, you benefit from **customized automated and robotic solutions** tailored to your plant, combining precision, efficiency, and safety to optimize segment production from start to finish.



# Partner with CBE for Your Tunnel Projects

CBE combines **decades of experience, technical expertise and global reach** to deliver tailored solutions for tunnel segment production. From custom-designed moulds to high-performance plants, we ensure your projects are executed **efficiently, safely and to the highest quality standards**.

Our **international presence** and partnership with the **CONSTRUX GROUP** provide you with the resources, innovation and reliability of a global leader, while maintaining the agility and personalized service of a dedicated partner.



+33 247 37 53 64



[contact@cbegroup.fr](mailto:contact@cbegroup.fr)



[cbe-group](https://www.linkedin.com/company/cbe-group)



[cbe-tunnels.com](http://cbe-tunnels.com)



17 rue Frédéric Joliot-Curie - 37550 Saint-Avertin - France



## About CONSTRUX GROUP

Construx Group, founded in 2003 in Belgium, is a global leader in moulds, machinery and circulation lines for the precast concrete industry and on-site formwork. Our brands each bring unique expertise:



**Construx Weckenmann:** Tailor-made moulds and automated circulation plants for industrial precast production



**Construx On-Site:** Specialist in on-site formwork solutions for civil works and construction projects, and (rental) modular formwork systems



**CBE:** World leader in moulds and carousel systems for precast tunnel segments



**Acimex:** Advanced vacuum lifting and handling technologies

12 production sites | +€ 100 M turnover  
+700 employees | +80 countries projects



[construx.eu](http://construx.eu)



[info@construx.eu](mailto:info@construx.eu)