



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.**

30860

moulds produced
since 1987

640

projects including
240 carousels

in 54

countries around
the world

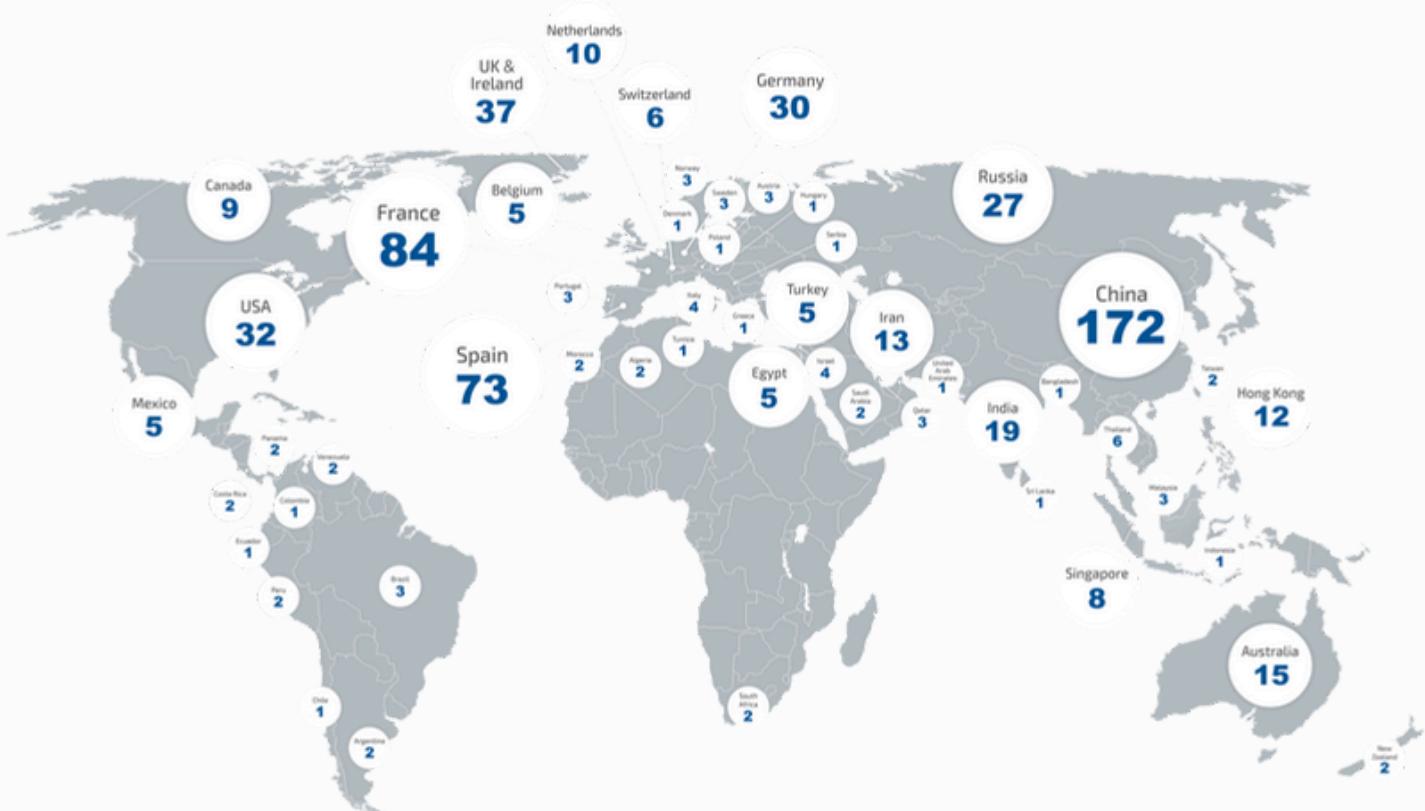
12,000

sqm of production
facilities

335

employees

► OUR TUNNEL SEGMENT SOLUTIONS SHAPE INFRASTRUCTURE PROJECTS WORLDWIDE



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.

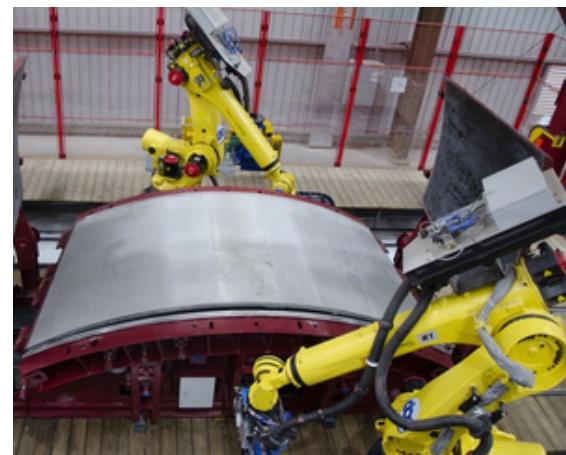


AUTOMATION & ROBOTICS: Consistent quality, safety and efficiency

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.



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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

