



Solutions for **precast**
concrete elements production

ADVANCED PRECAST SYSTEMS



Industrial solutions for the production of concrete elements



A BRAND OF CBE GROUP, ONE OF THE WORLD'S LEADERS IN MOULD, EQUIPMENT AND PRECAST FACILITIES FOR CONCRETE TUNNEL SEGMENTS, ADVANCED PRECAST SYSTEMS MANAGES **ALL OTHER PROJECTS OF PRECAST FACILITIES SUCH AS SLEEPERS, BREAKWATERS, SLAB TRACKS, NOISE PANELS OR HOUSING.**

APS closely assists its clients in their precast operations and designs solutions which significantly increase their productivity. Its automated factories help industrialize the production, thus saving time, space and offering better cost efficiency.

Conceiving a whole new range of steel moulds

APS designs and manufactures **steel formworks for specific concrete units**, from small and simple to the biggest and most accurate. Moulds of various shapes and sizes can be provided, among which:

- Railway sleepers
- Breakwaters (ACCROPODE™ II, Xbloccs®...)
- Slab tracks
- Noise barriers
- Concrete frames
- Plank partition
- Battery formwork for wall panels



Providing clients with custom-made solutions

APS can rely on the expertise of CBE Group's highly-skilled teams, which can showcase 480+ projects installed worldwide over 30 years.

APS accompanies its clients through all phases of their project, hand in hand:

- **From the pre-project study of the mould** by the Design Office, based on the existing concrete unit,
- **To the setup of the factory** organized onsite by a dedicated technical team.



From an empty building, APS designs, manufactures and assembles all necessary parts and equipment in order to **produce smooth and firm concrete units** which correspond exactly to the project's and the client's needs.

Mastering automated turnkey factories



APS develops **a large range of precast systems and fully automated factories**, also called carousels, for a mass production of concrete elements. These facilities are based on:

- Productivity gain
- Consistent industrial quality
- Safety improvement
- Workforce optimization

SLEEPERS

- ▶ 640 sleepers/8h
- ▶ 6-7 people/plant

BREAKWATERS

- ▶ 40 blocks/8h (blocks up to 14m³)
- ▶ 3 people/plant

NOISE BARRIERS

- ▶ 40 walls/8h
- ▶ 2 types of moulds

Other configurations possible on demand.





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