



ALVANCE Aluminium Duffel is a European leader in the manufacture and sale of aluminium rolled products for diverse industries worldwide. It features state-of-the-art technology, including the widest Automotive cold rolling mill in Europe and a CALP-line (Continuous Annealing Line with Pre-Treatment).

The revamp of the casthouse 6 had several purpose:

- Increasing the format of the ingots to be casted
- Improving the safety and the ergonomic of the operations by applying the hand-free casting philosophy
- Increasing the productivity of the installation

The scope of works was

- Dismantling of the equipment to be removed
- Enlargement of the vertical casting pit and modification of the concrete foundations
- Installation of a new automated casting car and casting frame with integrated safeguards
- Revamping of the utilities and cooling water circuit
- Complete automation and electrical revamping, including a new electrical substation and control room
- Replacement of the refractory in the holding furnace
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## Casthouse 6 Revamping

DEFINE

MANAGE

PRIMARY

USA



### Principal project data

Revamping of the casthouse 6 with a 100% hands-free casting philosophy

### Scope IPS

- Project Management
- Procurement
- Civil Engineering
- Construction management
- Commissioning

