

# Heavy clay preparation & shaping

Ceratec supports you from clay extraction to your shaped product.

Tailor-made design to your specific raw material and situation.

We always take into account easy access for operators, allowing us to ensure a minimum maintenance downtime.

Well engineered solutions!



**heavy clay solutions**  
a business unit of Ceratec

 **CERATEC**<sup>®</sup>  
IT'S ALL IN OUR POWER.

# Clay preparation

Our equipment is designed to ensure that a homogeneous mixture of clay with consistent humidity is sent to the shaping lines.

On request we assist you on clay analysis and granulometry.



## Extraction & Storage

Integration of

- Excavators
- Standard modular belt conveyor systems
- Clay reception & storage
- Sourcing plants

## Wet & dry preparation Mixing, crushing & grinding

Integration of

- Box feeders & dosing
- Excavators
- Wet pan & roller mills
- Double-shaft mixers
- Pendulum and hammer mills
- Screen feeder
- Automatic humidity control



## SCADA

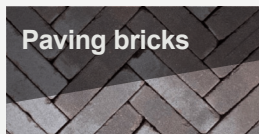
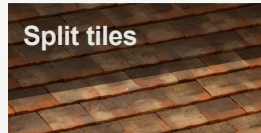
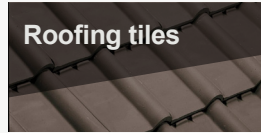
To control the different processes, we use our supervision and process monitoring software **Ceraview**.

## Refurbishment

We offer the possibility to **recondition** or even **retrofit** used machines.

# Clay shaping

Ceratec supplies the production lines required for the shaping of wet and stiff ceramic products.



- Extrusion or hand moulding units
- Roof tile (accessories) presses
- Cutting devices
- Texturing and sanding
- Glazing and engobing devices
- Cement-coating and tumbling (ageing of bricks)



Want  
to know  
more?

Our solutions

Handling  
Thermal process  
Prefabricated walls  
Heat pumps

Our references



## Our strengths

- We understand the importance of **robustness** and design for **easy maintenance** in a brick factory.
- We follow a **mechatronic approach** and maintain **high quality standards**.
- Ceratec started as a spin-off from a brickyard group founded in the 1920s. Thus, we are proud to have 100 years of experience in creative brick making technology. We have the **mindset of a brick producer**.
- We plan for the **long-term** and have the **financial stability** to do so.
- Ceratec has a proven strong international experience.

# The Ceratec Group

Ceratec is a Belgian engineering and manufacturing company.

We are passionate about technology, and continuously adapt to changing market needs. We deliver top quality, think solution oriented, and work hard to win our customers' trust.

We offer our customers tailor-made solutions within our 3 core competences:

**heavy clay solutions**  
a business unit of Ceratec

**handling & intralogistics**  
a business unit of Ceratec

**electrical installations**  
a business unit of Ceratec

## Headquarters

Engineering, assembly, administration  
Ploegsteert (B)



Brussels

Paris



**100%**  
family-run  
since 1986



operating in  
**27 countries**  
worldwide



**520**  
employees



**100**  
mil. €  
business  
turnover

## Ceratec

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