



THE BLOCK FACTORY



Concrete products for construction.

HOLLOW BLOCKS / SOLID BRICKS / PAVING PRODUCTS



01

The Block Factory

Products. Process. Possibilities.

The Block Factory focuses on concrete products for construction and paving. Our product categories include hollow blocks, solid bricks and paving units, with dimensions and finishes confirmed against project requirements.

This profile presents the product range first, followed by the equipment and process behind production. It brings product selection, mould configuration and production planning into one clear overview.

PRODUCT RANGE

PRODUCTION LINE

PROJECT PLANNING

Concrete products. Three categories.

Select the product type, then confirm dimensions, finish and compatible mould configuration.



Hollow blocks

Concrete masonry units with cavities. Product dimensions and configuration are confirmed for the intended project.



Solid bricks

Solid concrete units with a full-body profile, produced using a compatible mould configuration.



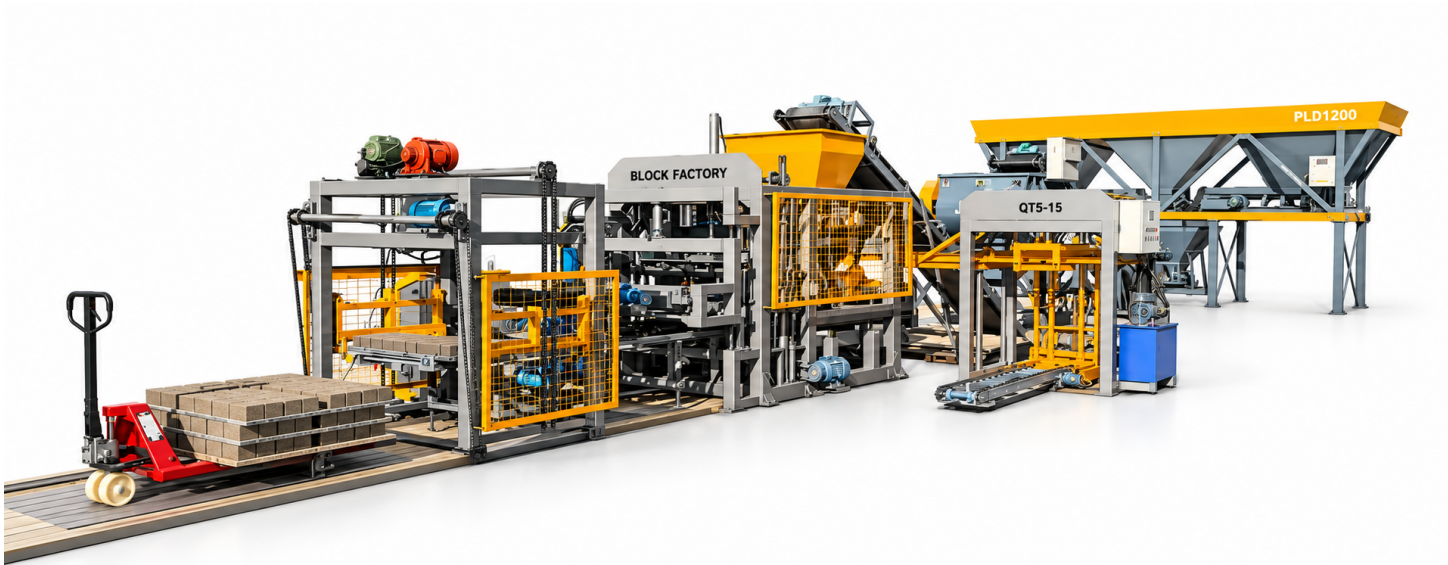
Paving products

Concrete paving units with patterns, dimensions and finishes determined by the selected mould and configuration.

03

The machinery behind the products.

The QT5-15 line connects material preparation, hydraulic moulding and pallet handling.



PLD1200 batching

Three-bin aggregate batching station.

JS500 mixing

Supplied by an 8 m feeding conveyor.

QT5-15 forming

Hydraulic mould movement with vibration.

Pallet handling

Feeding, transfer and loaded-pallet stacking.

04

From preparation to finished form.

Six production stages, followed by a suitable curing process.

01

Batching

The PLD1200 station batches aggregate for transfer.

02

Mixing

The conveyor supplies batched material to the JS500 mixer.

03

Feeding

Mixed material travels to the main machine hopper.

04

Moulding

Hydraulics and vibration form products on a pallet.

05

Transfer

The conveyor moves formed products out of the moulding area.

06

Stacking

Loaded pallets are handled ahead of the curing stage.



Control and flexibility.

Automatic and manual modes

The PLC cabinet coordinates pump operation, mould movement, material feeding, vibration and pallet transfer.

Compatible moulds

Changing mould heights requires adjustment of the feeding frame, head travel and sensors.

Optional colour feeding

Colour-feeding equipment is described for line configurations ordered with that option.

Equipment and planning reference.

Main machine	QT5-15
Batching station	PLD1200, three bins
Mixer	JS500
Feeding conveyor	8 m, batching to mixer
Operating modes	Automatic / manual / semi-automatic
Electrical supply	380 V / 50 Hz / three-phase
Hydraulic oil	No. 46 anti-wear oil; approx. 400-450 L
Whole-line area	Approx. 35 x 21 m
Workshop height	More than 6 m clear height

Confirm the final layout.

Planning figures are drawn from the supplied manual. Confirm foundations, services, equipment access and curing provision against approved project drawings.

Hourly output, cycle time, total power, machine weight and pallet size require configuration-specific confirmation.

07

Start with your project.

Define the product, confirm the specification and plan the production requirements.

Product requirements

Type, dimensions, finish and quantity.

Production requirements

Moulds, equipment configuration and utilities.

Care and curing

Routine cleaning, lubrication and a suitable curing process.



Document basis

Equipment details summarise the supplied 39-page QT5-15 installation and operation manual dated 27 November 2024. This profile does not replace operating or maintenance instructions.