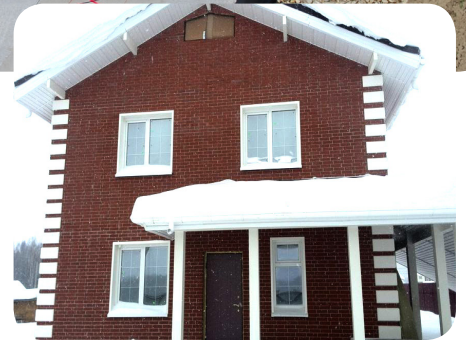
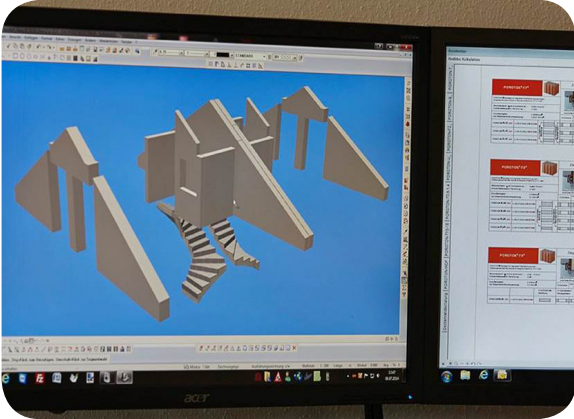


Innovative prefab technology.



AUTOMATED PRODUCTION OF WALL ELEMENTS AND
HIGH-QUALITY CONSTRUCTION IN A FEW DAYS

Fully automated production of wall elements



Architect drawings are imported into software, which calculates the necessary wall elements



Robot unstacks the blocks from pallets and feeds the production line



Special adhesive is applied on the blocks



The blocks are now put layer by layer on circulation pallets



Insertion of carbon strips, if necessary



A finished wall after automated cutting

Assembly of wall elements



Delivery of wall elements to the construction site



After the ground plan is chalked on the foundation plate the assembly can be started



Setting of wall elements



Fixing of wall elements with oblique supports



One floor incl. the ceiling can be finished in one day



Only 3 workers can erect a solid construction within a few days and this in constant quality

Turn-key plant & licence.



Redbloccsystems offers worldwide licences and turn-key plants for production of wall elements made of building blocks like ceramic bricks, aerated concrete, silica blocks, expanded clay blocks etc.



Advantages of redbloc:

- 150.000 – 200.000 m² of wall elements annually
- app. 600 one family houses annually
- one construction in 4 days
- constant quality
- exact cut out's without chiselling
- slooping roof elements, roof beams or stringers
- short construction time
- perfect masonry
- no thermal bridges
- no mortar joints

