



WKB

in operation worldwide



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EXPERTISE IN ENGINEERING



innovation made by experience

Approved technology for sand lime bricks and autoclaved aerated concrete production



innovation made by experience

WKB Systems GmbH is a worldwide operating manufacturer of turnkey plants as well as stand-alone machines and facilities for the production of sand lime bricks, autoclaved aerated concrete blocks and ceramic bricks. WKB specialists use their broad experience gained in company's sand lime bricks plant and AAC plant.

„Complete solutions from one source“ according to this motto WKB Systems GmbH offers project planning, engineering, production, programming, supervised assembling, commissioning, personnel training, after sales service and spare parts supply.



Quality and production process optimisation with approved technology

For the sand lime bricks and fly ash bricks production WKB specialists plan turnkey plants and work out practical solutions for:

- Processing of raw materials / mixing plants
- Pressing
- Hardening trolley logistics
- Autoclaving
- Transport and packaging
- Process control and visualisation
- Brick surface processing
- Modernisation

The most known sand lime brick press of WKB is WKP 750 that impresses with its production capacity and compact design. So WKP 750 can be integrated in existing factories to replace machinery with lower productivity. Press WKP 750 DD with double-sided compaction produces sand lime bricks and blocks of high and even strength.

Packing lines of WKB are of modular design and could be individually customised. So sand lime bricks can be strapped vertically and horizontally as well as packed with stretch or shrinking foil.

WKB equipment guarantees the outstanding quality of the product from the first production step.

Improve your competitiveness

Highest standards for the autoclaved aerated concrete production

According to the daily production capacity, automation level and engineering design WKB professionals develop basic concepts for:

- Sand milling
- Raw materials processing and mixing
- Cutting and sawing
- Autoclaving with steam generation
- Product transportation and tracking
- Packaging and warehousing
- Process control and visualisation

While planning turnkey AAC plants we take our international experience as a basis.



Cutting lines of WKB are of state-of-the-art technology and combine innovation and ease of use.

Compact cutting line WKB CL 4 was specially developed for plant modernisation. If needed the complete automation of the cutting area can be carried out **without any stop in the production process.**

WKB equipment improves the efficiency of your manufacturing process.



Wide experience for the highest efficiency

Innovative technology for the production of ceramic bricks and brick surface processing



■ ■ ■ ■ ■ innovation made by experience

The WKB machinery is in operation all over the world and has been proven successful in Europe, CIS countries, Middle East, the USA, Mexico, Africa, China and Canada, etc.



WKB specialists possess broad technical know-how, professional experience of many years, intercultural competence and strong customer orientation. Furthermore, our customer always takes part in the development process of a project. So according to all of his requirement an individual solution is worked out.



Innovative for the highest aspirations

innovativ - professional - reliable

WKB Systems GmbH offers for the ceramic bricks industry turnkey plants as well as stand-alone equipment for:

- Preparation of raw materials
- Wet and dry sides
- Dryer and setting machine
- Tunnel kiln, kiln car transport, incl. tracking system
- Unloading and packaging
- Control systems, incl. visualisation and remote maintenance

The newest development of WKB specialists is a combined line for filling of ceramic bricks with organic and inorganic insulating material. In such a way a new generation of ceramic bricks with perfect thermal conductivity of 0.06 W/mK is produced.

Differentiate yourself from your competitors and win new markets!

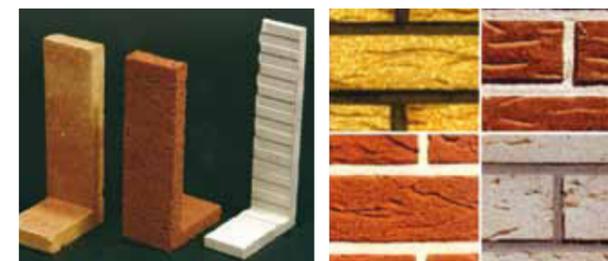
Thanks to the WKB lines for handling, transport and packaging of ceramic products you achieve significant cost and time reductions and as a result improve the rate of return of your brickyard.

Give your ceramic bricks the final cut

The product portfolio of WKB comprises a great variety of machines for processing of brick surface.

The compact unit **WKB-Embosser** was specially developed to produce embossed sand lime bricks and ceramic bricks. Varied and exact embossing patterns can be quickly achieved by adjusting the operation speed.

WKB-Combi-Embosser processes a sand lime brick to produce a facing brick with rustic appearance in two steps: at first the brick is split and then two brick halves are embossed to produce a stretcher and a header.



In order to protect embossed sand lime bricks against weather influence **WKB-Impregnator** is applied.

High performance brick saws **WKB-Line**, **WKB-Uni** and **WKB-Ring** are used for sand lime bricks, ceramic bricks, concrete blocks and natural stones to produce facing bricks, corner facing bricks, half bricks, stretchers, headers and shaped bricks.



Traditional building material with new appearance

Rustikator R06 treats the surface of a clay column. This compact machine can be equipped with different modules, such as sanding, texturing, and scraping as well as application of dry colours and engobing.

Profitability - Efficiency - Reliability



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WKB Systems GmbH offers innovative technology, highest quality, customised equipment of high performance and easy maintenance as well as the best value for money.

Cooperation with WKB Systems GmbH gives you a reliable business partner that is aware of every peculiarity of your project and therefore reacts promptly, effectively and efficiently. Operating on a high technological level, constant communication with the client and on-going support are the cornerstones of our day-to-day business.

Forging automation at the highest level

For the forging industry WKB Systems GmbH supplies reliable machinery of outstanding quality for:

- Cold and warm forming
- Robot application
- Tool changing
- Tool cleaning
- Handling and transport
- Spraying technology

Due to their enormous flexibility, speed and precision robots are used in various areas of a forging plant. Depending on their design, number of axes and tools available they can be used as insertion and transfer robots, forging robots on a hammer or a press, forging die spraying robots, removal, testing and sorting robots.

The application of WKB automation systems in production processes of the forging industry results in above-average increase in efficiency that strengthen your market position.



All-round service for more stability

All-round service worldwide

Also after the equipment delivery **we provide you with on-going support as a reliable partner.** Our team offers after sales service and spare parts supply all over the world.

We support your personnel in all issues concerning production process with remote maintenance or at your site if needed. Inspection and inventory control as well as special maintenance and overhaul of machine components are parts of our wide range of services.

Thanks to the storage of important spare and wear parts in our warehouses we are able to process international enquiries and orders in a reliable and prompt way. Our professionals install spare and wear parts in your plant if needed.

WKB all-round service ensures you ongoing and profitable production in your plant.

WKB Systems GmbH - all solutions from one source for your success!



Flexibility, Speed,
Precision