

Customer-Specific Production

The current market demands a high degree of production flexibility. That is why the production systems from Besser, well-known for high output, reliability and universal application, are designed to adapt to the needs of each individual producer. Wherever the plant will be located and whatever the end product requirements are, Besser systems can be optimally matched to do the job.

Through constant development and years of experience, these systems are able to produce high quality concrete pavers with or without face mix, and landscaping and water engineering products. These systems are also able to accommodate the production of such products as insulated hollow block, retaining wall units, building construction units and slabs.

The Besser Big Board Machine

Hardscape and masonry production equipment is designed for maximum production. The machines offers a variety of pallet sizes and styles to meet your unique production requirements for pavers, kerbs, retaining wall units, edging, slabs and other landscape elements. The flexibility provided allows you to produce products from 25 - 500 mm in height in a wide array of styles to meet the growing demands of your market. The large pallet size allows the production of a large quantity of units per cycle.

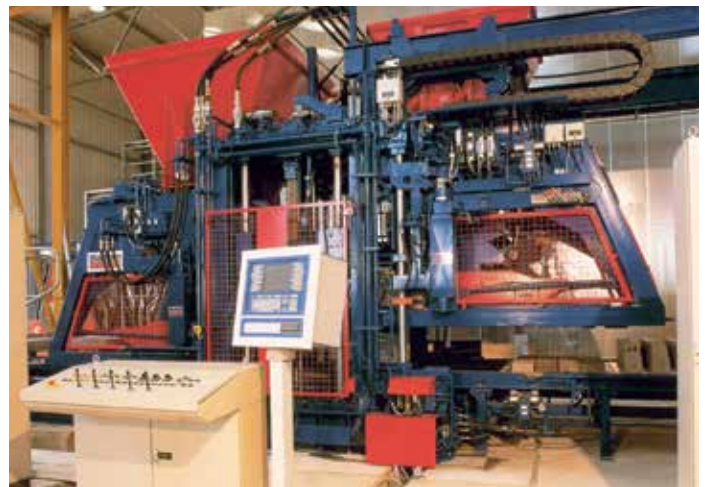
Dense units are easily produced with multi-stage vibration that consists of pre-and main vibration. A fully automated vibration system allows for control of both amplitude and frequency of vibration. This means the process is precisely matched to the specific product requirements.

Service

Our goal is customer satisfaction in every phase of operation. Even before plant installation, professional service technicians attend to every detail ensuring a smooth transition. Once the plant is installed, your plant personnel are carefully trained to efficiently operate the equipment.

Besser technical service representatives are located around the globe to provide optimum service to you when you need it. These knowledgeable and experienced staff members are available 24 hours per day, seven days a week to respond to your technical service needs. Equipped with technologically advanced diagnostics, Besser service technicians work to prevent downtime. In addition, spare parts catalogs are available online so parts may be ordered over the internet, by fax or phone.

Whether providing mechanical or electrical troubleshooting assistance, guidance for producing new concrete products or providing advice about concrete mix designs, the Besser



140/100 Besser Big Board Machine.

technical service staff excels at providing the industry's most responsive service.

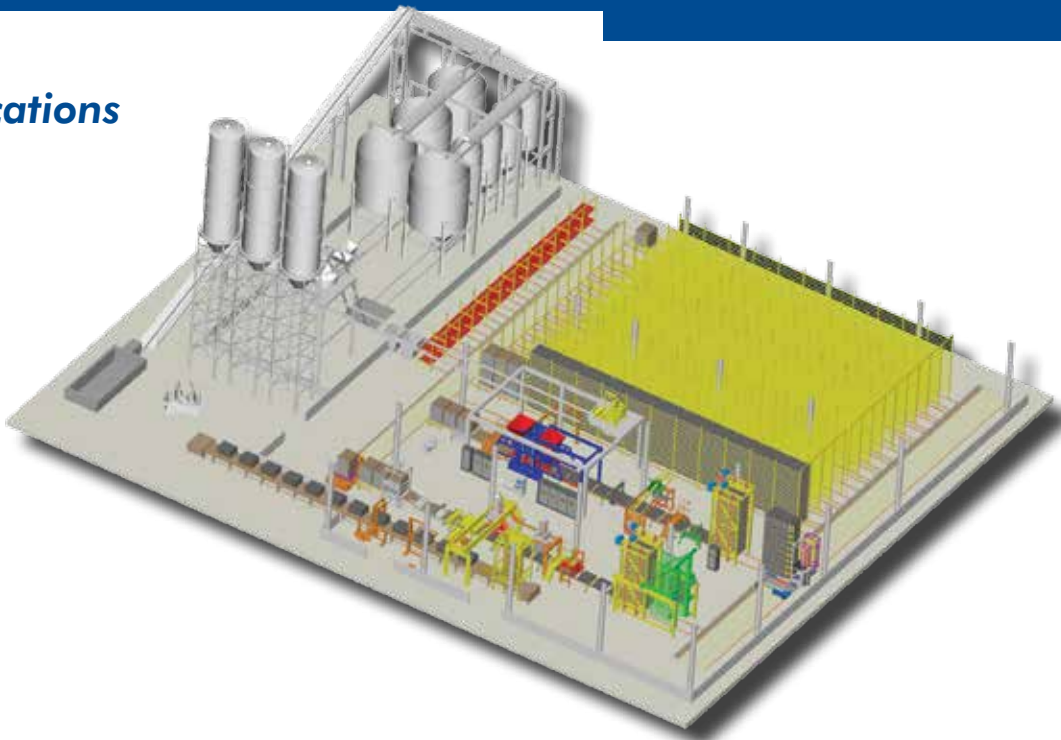
Parts Availability

A reliable source for service and genuine wear parts is essential to the success of your operation. Besser sales and service representatives and sales order staff located at Besser sites around the globe are available to assist you in determining your needs and placing your orders.

Complete Systems

Complete systems are customized to meet your precise needs and can include state-of-the-art automatic handling systems, fully automatic pallet buffering systems, elevators and lowerators, finger car systems, cubers, curing racks, bogie car transports and slat conveyors for product transportation. Ask your Besser sales representative for additional information.

Specifications



A full plant layout is pictured above. Mold support, the filling car and filling unit for the base mix, a hydraulic system, and a complete control unit are all included. In addition, machines can be equipped with an optional second filling unit for face mix.

Machine Type	Max. board size (mm) width x length	Usable production area for max. board size	Output standard paver one layer in (m ²)*	Output hollow block 8" (200 x 400mm)**	product height in (mm)
Besser Big Board 130/70	1300 x 700	1230 x 650	1901	17280	50 - 400
Besser Big Board 140/80	1400 x 800	1320 x 750	3024	19938	50 - 400
Besser Big Board 140/100	1400 x 1000	1320 x 950	3456	26585	25 - 500
Besser Big Board 140/120	1400 x 1200	1320 x 1150	3840	30857	25 - 500

*Standard 100 x 200 mm pavers produced in eight hours **Standard 200 x 400 mm (8") block produced in eight hours
 Note: The table above shows production rates at 100% efficiency

Standard Features

- Solid welded design
- Filling unit for base mix feedbox
- Manual mold change
- Frequency controlled vibration
- Pneumatically operated mold suspension via airbags
- Encoders for control of machine movement
- Level control for top hopper
- Pallet infeed with pusher conveyor
- Central manifold for even tamper air pressure
- Top vibrators
- Modem link to Besser technical service department

Optional Enhancements

- Second feedbox for face mix
- Fully automatic vibration force adjustment
- Driven grids on feedbox
- Draw plates
- Central lubrication system
- Fully automatic mold change with crane and mold carriage
- Product height control system for better height control on taller products (mechanical system)
- Tamper head brush

For better viewing, all guards, safety devices and signs are not necessarily shown. Some of the equipment shown or described throughout this brochure is available at extra cost. Since the time of printing, some of the information in this brochure may have been updated; ask your Besser sales representative for details.