

BECO SYSTEMS

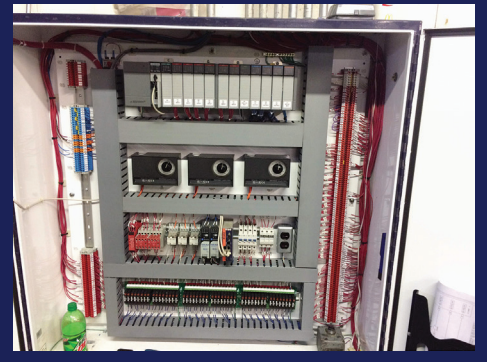
Over 114 years of experience supplying equipment to the concrete products industry means that there's a lot of Besser equipment in operation. We're committed to providing parts, upgrades and technical assistance for all of our models, including BECO Systems. Upgrading your BECO System will increase its reliability, improve its operation, both which lead to increased plant efficiency. The following upgrades are available. Please contact your Besser Representative with any questions or to place an order.

Main Control Panel

Replace your obsolete, hardwired control components with a main control panel. The control panel has PLC controls, a color touch screen operator interface with system diagnostic screens and system function status indicators. The diagnostic/error screens show problems when they occur and offer suggestions for resolution. The system generates production reports to track daily performance along with access to the timer, counter and data table screens for detailed information. If an internet connection is available you can receive online support and remote troubleshooting.



Main Control Panel



BENEFITS:

- Allen-Bradley PanelView Plus 1250 graphical operator interface gives you important information right at your finger tips.
- Run screen with status indicators for all major functions provide you with important operating functions.
- Diagnostic/error screen shows problems when they occur and also recommended solutions.
- Production reporting screen helps track daily performance.
- Electronic speed control screen quickly accesses and changes conveyor speed while in operation, with automatic speed change save mode.
- "Auto-Tune" screens help you set-up and view the conveyor performance. This allows you to easily determine inefficiencies in conveyor cycling and resolve them.
- Timer/counter and data table access screens for detailed processor access and information.
- Allen-Bradley SLC 5/05 processor.
- Industrial modem programming and online diagnostics for quicker recovery of downtime.

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Load/Unload Lift Cylinder Encoder Retrofit*

System versatility is enhanced with the ability to program the conveyor's vertical positioning for each individual shelf. Shelves and bays can be skipped and returned to a later time. This upgrade reduces shelf entry throat wear.

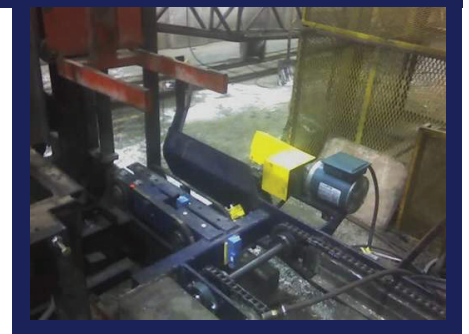
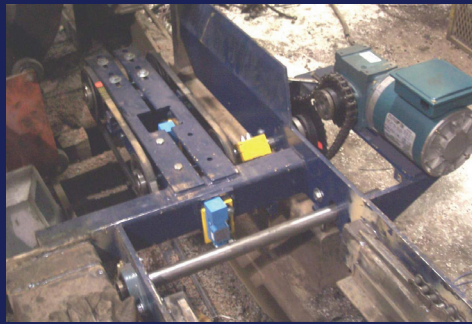
Vertical positioning of the load/unload conveyors is accurate to 1/8". This upgrade replaces the conveyor positioning limit switch.

*Note: *This upgrade requires system control panel upgrade*



Conveyor Frequency Drive Conversion

Conveyor and pallet elevator speeds can easily be adjusted from the main control panel. Individual conveyor speeds can be changed as needed for various products being produced such as standard and architectural block, segmental retaining wall units and pavers.



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Pallet Pusher Upgrade

A proportional valve hydraulic circuit replaces the existing cam bar and shear valve which provides flexible pusher speed profiling tailored to the products being produced. The pusher cylinder includes on board electronics which allow smooth contact with the production pallet prior to the push. The updated controls, accessible from a color touch screen, allows for pusher speed adjustments to be made during the pusher cycle.

The addition of dual guide bars will provide consistent, level pushing of pallets onto the kiln shelves.

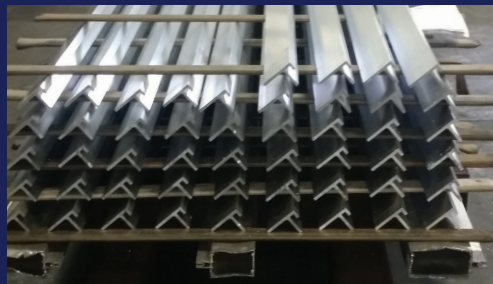


Pigeon Hole Door Replacements

Besser provides replacements for both foam filled aluminum doors or single piece plastic doors.

Replacement Shelving

- "F" profile strip
(minimum order quantity 50 pieces)
- "S" profile strip
(minimum order quantity 50 pieces)
- Entry Throats (stocked in all pallet thicknesses)



"F" Strip



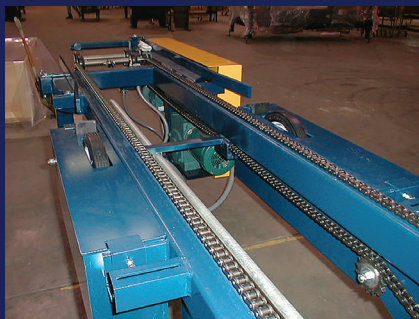
"S" Strip

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Replacement System Components



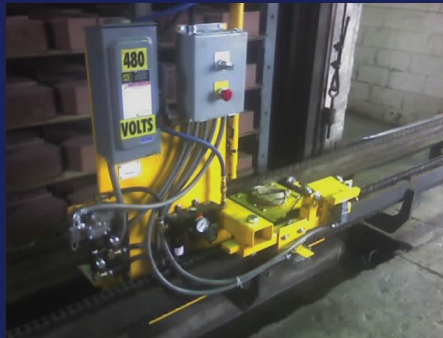
Conveyor Sections



Curve Conveyors



Pallet Elevators



- Depalleter Conveyor
- Elevator Feed Conveyor (Front Delivery Conveyor)
- Incline Conveyor
- Intermediate Conveyor
- Kiln Load Conveyor
- Kiln Unload Conveyor
- Pallet Elevators
- Pallet Elevator Drive
- Pallet Receivers
- Pallet Return Conveyor
- Updated Hydraulic Power Units

Services Offered

Besser Service Representatives provide on-site system evaluation, adjustments and troubleshooting along with providing technical assistance via phone and email.

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