

E-MODEL BESSER-MATIC®

LOADER/UNLOADER

The E-Model Besser-Matic® loads and unloads all standard and contour racks. This loader/unloader can handle production from a three-at-a-time concrete products machine at speeds up to 8 cycles per minute. The Besser-Matic loads green concrete products, indexes a new rack, unloads and depallets cured concrete products and returns empty pallets to the pallet magazine.



The front delivery conveyor accumulates two pallets of green concrete products. The E-Model loader picks up the two pallets from the front delivery conveyor and places them in the order from top to bottom in the rack. At the same time, the unloader removes two pallets of cured product from the rack in a sequence from bottom to top and places the pallets onto the unloading conveyor.

Optimum Performance

Plant production is optimized through the predictable, consistent operation of the E-Model Besser-Matic. Time tested, the E-Model Besser-Matic is a cost effective rack loader/unloader. A limited number of wear parts maximizes productivity and the ergonomic design makes preventative maintenance simple.

The E-Model Besser-Matic is compatible with an automatic LSC-40 rack transporter system by using a conversion package.

Designed for Safety

The E-Model Besser-Matic is designed for safety. Guards on the backside of the E-Model loader/unloader towers offer protection from potential hazards.

Pictorial warning decals are placed on the equipment as reminders of some of the potential hazards and to urge personnel to follow lockout procedures prior to servicing. Decals with suggested lockout procedures and electrical panel lockout hardware are provided to help you achieve your safety goals.

Special features were added to make the E-Model Besser-Matic a safe piece of equipment. However, the ultimate responsibility for ensuring that ALL appropriate safety measures including lockout procedures, are consistently followed lies with the E-Model owner and operators.



Enlarged view of E-Model Besser-Matic, showing the control station and panel.

Specifications

Voltages

- Control circuit: 120 VAC
- Motors: 208, 230, 380, 415, 460 or 575 V., 3 phase, 50 or 60 Hertz

Capacity

- up to 9 pallets high at 10-1/2" (267 mm) shelf spacing with 26" x 18-1/2" (660 mm x 470 mm) pallets (other pallet sizes are available); 900 lb (405 kg) payload

Rack Conveyor

- Hydraulic platform style for use with fork lifts

Unloading Centers

- 7' (2134 mm) on two bay for fork lift operations; 8' 6" (2591 mm) on three bay for fork lift operations (variations are available)

Weight

- 22,600 lbs (11,790 kg)

Total Motor Capacity

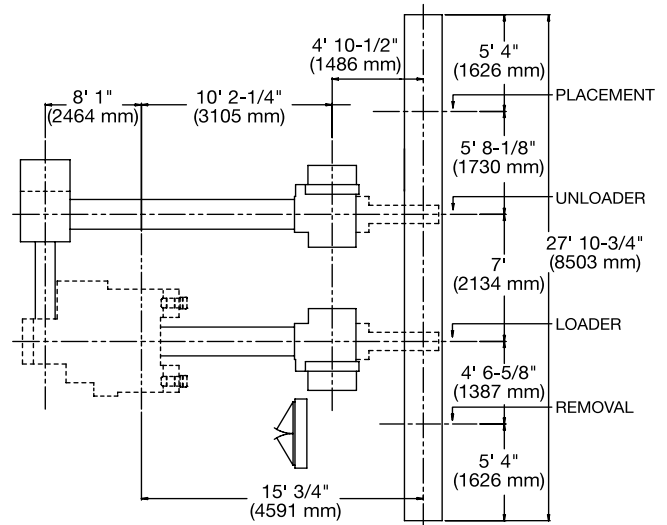
- 1 hp (.75 kW) ----- front delivery conveyor
- 3 hp (2.2 kW) ----- unloading conveyor
- 1 hp (.75 kW) ----- pallet return conveyor
- 5.75 hp (4.3 kW) ----- E-Model loader assembly
- 5.75 hp (4.3 kW) ----- E-Model unloader assembly hydraulic – rack conveyor (lift truck)
- 5 hp (3.7 kW) ----- 8 GPM power unit (rack conveyor) depalleter (hydraulic)
- 21.5 hp (16 kW) ----- total

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.

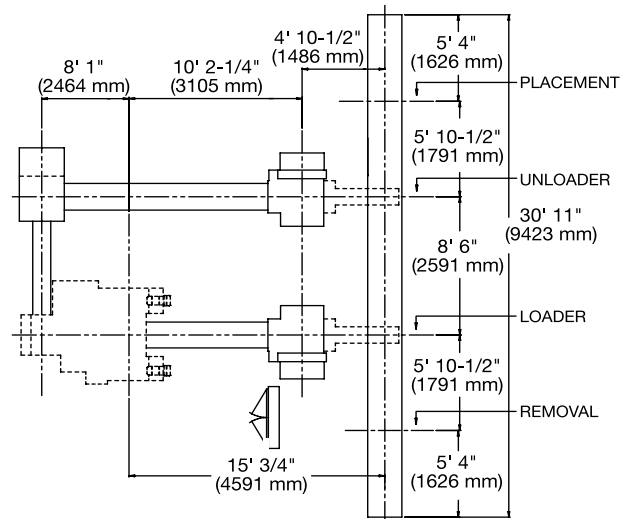


801 Johnson Street
Alpena, Michigan 49707 USA
phone: 989.354.1000
fax: 989.354.3120
besser.com
e-mail: sales@besser.com

Besser Company reserves the right to change or improve product design and specifications without prior notice.



E-Model Besser-Matic with hydraulic rack conveyor
7' centers – two bay



E-Model Besser-Matic with hydraulic rack conveyor
8' 6" centers – three bay

Standard Features

Conveyor

Front delivery and unloading conveyors are made of channel construction for strength. A one-inch pitch chain is used for durability.

The end section of the front delivery conveyor in the loader features two shock absorbers which provide a soft pallet stop.

Harmonic Depalleter

The harmonic depalleter is available in three configurations to remove concrete products from the pallet: 1) pallet straight through, 2) right angle or 3) block straight through. The harmonic depalleter begins the cycle slowly, gradually increases speed and slows down at the end of a forward motion, as the product is separated from the pallet. (Option: an electric, single push harmonic depalleter is available.)