

AUTOMATIC MAGAZINE LOADER SERIES

2



RUNS UNATTENDED

Reduced labor costs

ADAPTS TO PACKAGING LINE

Operates at line speed

ON DEMAND OPERATION

No more waiting for magazines

Operation

- Automatic or semi-automatic
- Synchronized with speed of line
- On demand
- No operator required to initiate action

Speed Range

Supports a 40 case per minute case erector

Construction

Carbon steel construction (Gray Powder Coat), NEMA 12



Summary of Operation

Roller drives convey loaded bundle towards the backstop, resulting in stack separation. Next, the chain transfer lift cylinder valve activates to lift stacks and starts stack transfer at 90 to the stack squaring area. Once stopped, the chain transfer lift lowers, and cylinders powered by the stack squaring valve square the stack.

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Options

Construction

- Washdown design with nickel-plated parts and NEMA 4 or 4X electrics
- Complete stainless steel design and NEMA 4 or 4X electrics

Magazine Support

Automatic pallet or slip sheet removal

Features

Magazine Squaring

Corrugated bundle or stack

Display

Allen-Bradley Touch Screen
(through host machine)

Standard Configurations (Length X Width X Height)

Minimum Bundle Size

36 x 28 x 30 inches

Maximum Bundle Size

60 x 48 x 50 inches

Minimum Single Stack Size

18 x 14 x 30 inches

Maximum Single Stack Size

36 x 28 x 50 inches



Station 1: Roller Conveyor – Nip roller pulls the slipsheet from underneath the bundles and moves two bundles to Station 2 while leaving two bundles at Station 1.

Station 2: Separate – The lift separate cylinder lifts the outside leading stack off the roller to separate the two stacks. The outside stack moves on to Station 3. The inside stack remains at Station 2 until the first stack energizes the Station 3 photoeyes.

Station 3: Side Shift – The chain transfer lift cylinder valve activates to lift stacks and move them inline with Station 4. The stack transfers at 90° to the stack squaring area. The two trailing stacks left in Station 1 now move to Station 2.

Station 4: Stack Squaring Area – The stack squaring cylinder extends and squares the stack. After a programmed delay, the stack squaring cylinder retracts and the stack moves to Station 5.

Station 5: Upender – The bundle containment squeeze cylinder holds the blanks in position until they catch up to the previously placed blanks on the case packing magazine. The upender moves back in down position.

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in the **success** of our
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Brenton[®]

www.BrentonEngineering.com
sales@becmail.com
320-852-7705

4750 County Rd. 13 NE, Alexandria, MN 56308
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