

AUTOMATIC CAN LIDDING SYSTEM

LID PLACEMENT SYSTEM



Lid placement machine that incorporates a innovative power roller rod magazine and lid snapping system



GRAPHIC PACKAGING
INTERNATIONAL, INC.
MINNESOTA AUTOMATION PRODUCTS

AUTOMATIC CAN LIDDING SYSTEM

Benefits

- The powered roller rod magazine provides the ability to orient round lids that cannot be stacked and fed from a typical static magazine. This makes it suitable for automatically lidding any round container with resealable plastic lids. This includes containers for food, paint, etc.
- The lid roller snapping system automatically applies and seals the lid over the top of the container.
- These two innovations demonstrate GPI's ability to provide a "customized solution" to packaging lines.
- Note: This machine utilized product escapements to properly separate each lid for picking from the magazine thereby improving the reliability of the machine.

Sequence of Operation

- Placer, starwheel and lid roller will be positioned over customer's conveyor
- Operator monitors placer magazine and refills it as necessary
- A photo-eye will signal placer to cycle
- Placer removes one lid from the magazine and places it into a chute
- As the starwheel system releases the can it pulls the lid from the chute and it travels under a lid roller system.
- The lid roller snaps the lid into place.
- The cycle repeats

Specifications

Drive Controls

Single air cylinder drive -placer
Single air cylinder drive -starwheel

Speed

30 placements per minute
**Product characteristics and application conditions will determine actual operating speeds.*

Vacuum

Venturi Vacuum Generator

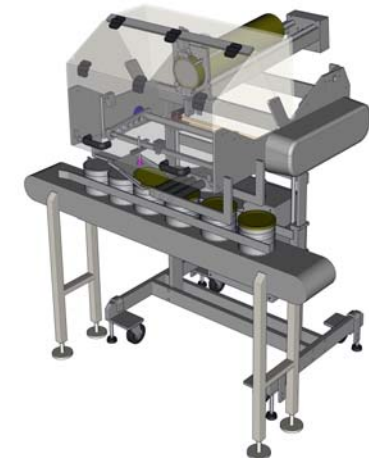
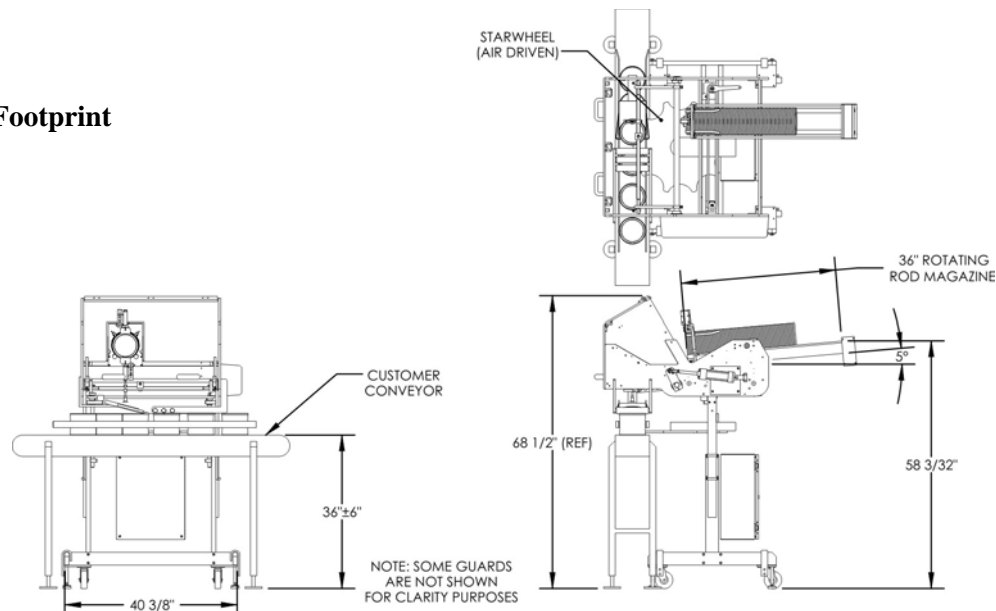
Air Supply

80 PSI

Electrical

Supply -120 VAC
Control Voltage – 24 VDC Std

Footprint



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