Freedom Blow Molders

ABE EQUIPMENT

Produce 3,000 to 5,000 BPH with ABE's PLC Controlled blow molding line. The Freedom Classic and Ultra Blow Molders automatically load, heat, and blow preforms into various bottles sizes ranging from 10 oz to 64 oz bottles. Save money by blowing your own bottles versus enduring costs of vendor-supplied pre-blown bottles. Free up valuable inventory space by blowing bottles when you need them. The comprehensive design of the Freedom Blow Molders eliminates additional robotics and labor. Delivered as a complete set, the preform unscrambler, hopper, elevator, sorter, high-pressure compressor, mold chiller, and pressure tank are all standard with each Freedom Series Blow Molder.

Compact Design

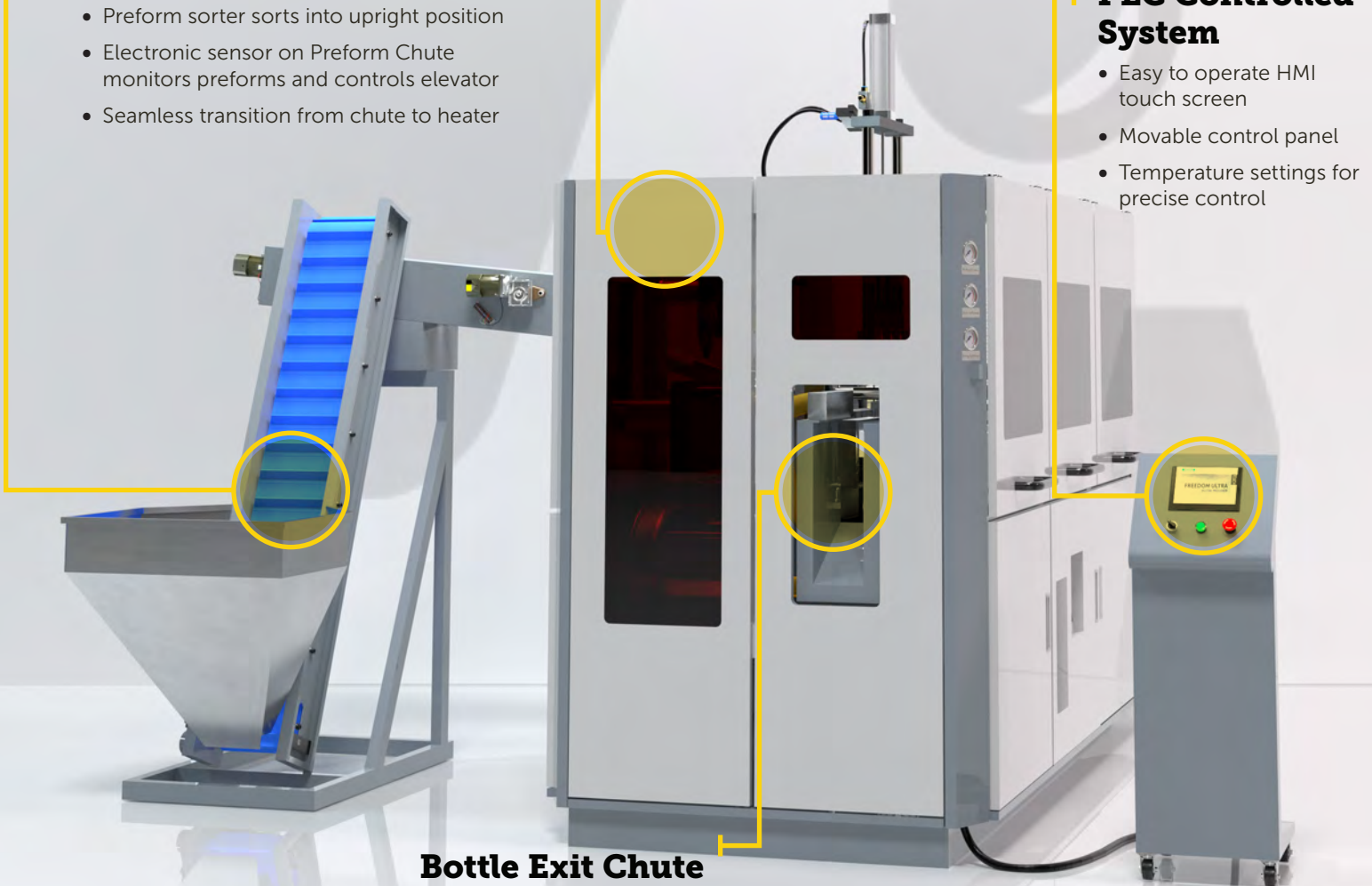
- Five or three cavity chamber
- Infrared heat tunnel system
- Four heating zones with eight infrared lamps
- Classic: up to 3,000 BPH Ultra: up to 5,000 BPH
- 350 ml - 2 l bottle sizes

Preform Elevator System

- Motor driven conveyor belt elevates preforms
- Preform sorter sorts into upright position
- Electronic sensor on Preform Chute monitors preforms and controls elevator
- Seamless transition from chute to heater

PLC Controlled System

- Easy to operate HMI touch screen
- Movable control panel
- Temperature settings for precise control



Bottle Exit Chute

- Automatic bottle unloading
- Easy mold changeover

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2001 SW 6th Street | Lincoln, NE 68522 | (402) 475-2337 | ABEequipment.com

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General Specifications

ELECTRICAL

- 220 V
- 60 hz
- 3 Phase
- 4 Wire

WATER & AIR

- 4.5 GPM @ 45 psi
- 5 SCFM flow rate
- 100 psi recommended

Additional Features

- Infrared control panel offers simple and efficient control of heating elements/zones
- Stretch rod assembly proportionately distributes material throughout the bottle
- Solenoid valves allow for air cylinder control

Your Complete Package

Each Freedom Blow Molder that leaves our facility carries UL certification and an industry-leading five year limited warranty on the metal and welds. In addition to a comprehensive spare parts inventory, you'll receive superior customer support from our team in Lincoln, Nebraska with any ABE purchase.

Compatible Products

- Triumph Systems
- GlassPak
- Date Coder
- Conveyor and Packoff Options

ABE Equipment reserves the right to change specification without notice. All specifications are approximate. ©2024 ABE Equipment