

Freedom Classic Blow Molder



Produce up to 2,500 BPH with Norland's PLC controlled blow molding system. The Freedom Classic Blow Molder automatically loads, heats, and blows preforms into various bottle 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 Classic 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

- Three cavity chamber
- Infrared heat tunnel system
- Four heating zones with 8 infrared lamps
- Produces up to 3,000 BPH
- 350 ml - 2 l bottle sizes

PLC Controlled System

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



Preform Elevator System

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

Bottle Exit Chute

- Automatic bottle unloading
- Easy mold changeover

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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

Your Complete Package

Freedom Blow Molders are the perfect addition to your bottled water plant and save your space and money. In addition to a comprehensive spare parts inventory, you'll receive superior customer support from our team right here in Lincoln, Nebraska, with any Norland purchase.

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

Compatible Products

- Liberty150 Unscrambler
- Vapor Compression Water Distillers
- Triumph Classic Bottle Filler
- Victory100 Shrink Sleeve Applicator



30+ YEARS OF EXPERIENCE

130,000+ SQUARE FEET

130+ EMPLOYEES



NORLAND CAMPUS
Lincoln, Nebraska, USA