

Freedom Ultra Blow Molder



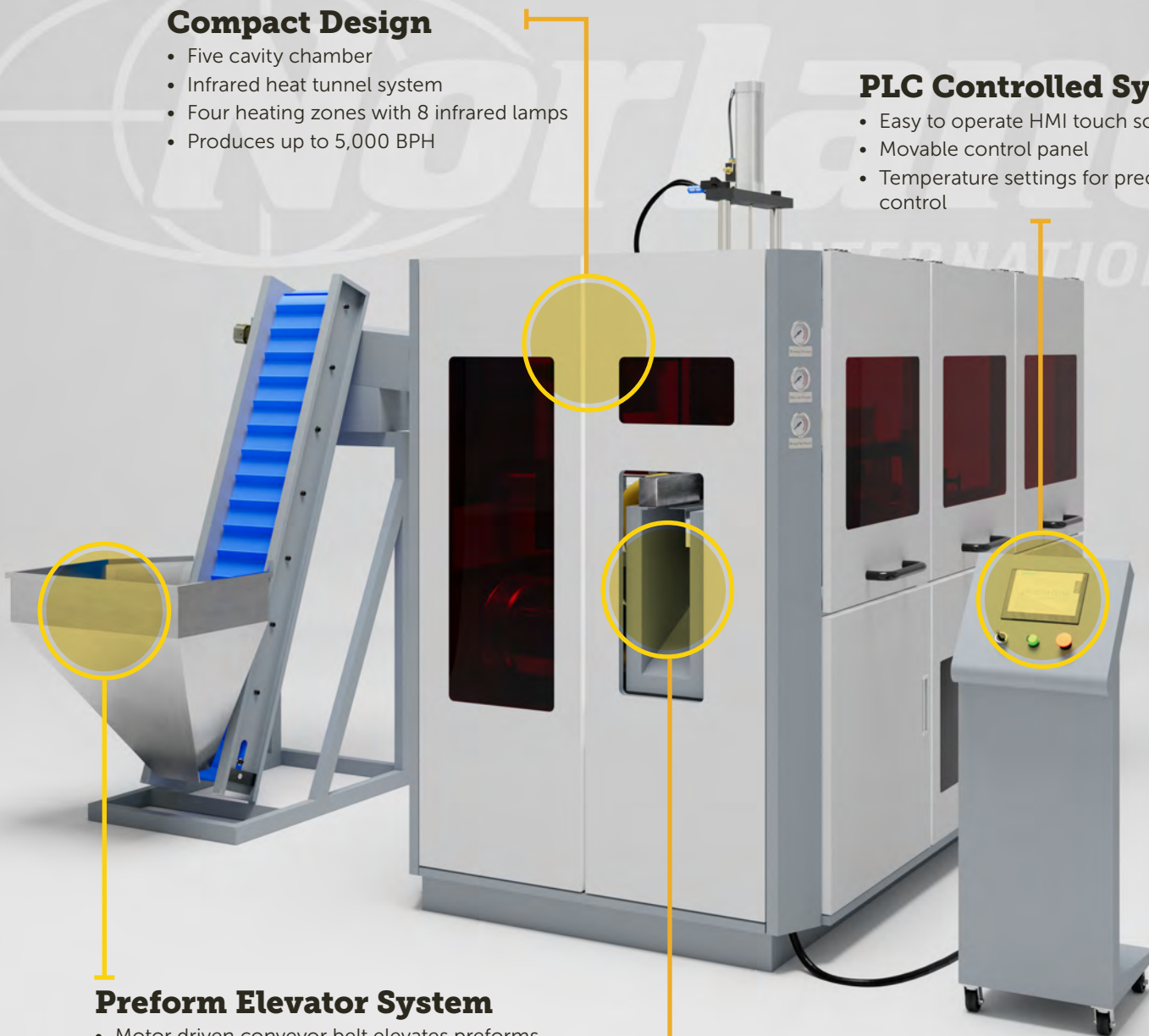
Produce up to 5,000 BPH with Norland's PLC controlled blow molding system. The Freedom Classic Blow Molder automatically loads, heats, and blows preforms into various bottle sizes ranging from 10 oz to 64 oz bottles. The Freedom Series PET Blow Molders save you money by blowing your own bottles versus 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 Ultra 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 cavity chamber
- Infrared heat tunnel system
- Four heating zones with 8 infrared lamps
- Produces up to 5,000 BPH

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
- 350 ml - 2 l bottle sizes

Freedom Ultra Blow Molder

General Specifications

ELECTRICAL

- 208-240 V
- 60 Hz
- 3 Phase
- 4 Wire

AIR

- 5 SCFM flow rate
- 100 psi recommended

Your Complete Package

Freedom Blow Molders are the perfect addition to your bottled water plant, and save you 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.

Compatible Bottles/Closures

- 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 Ultra Bottle Filler
- Victory100 Shrink Sleeve Applicator



30+ YEARS OF EXPERIENCE

130,000+ SQUARE FEET

130+ EMPLOYEES



NORLAND CAMPUS
Lincoln, Nebraska, USA