

# **SERIES III B** High Performance Rotary Blow Molding Machinery

For High Speed / Consistency Container Molding

**MACHINERY**  
**THAT FITS**



## **Simple. Precise. Fast.**

Wilmington's Series III Blow Molding Systems are designed for producing large quantities of containers including special features such as IML, multilayer, view striping, etc. Highly repeatable functions, simple operation, and very high throughputs make this the machine of choice.

## **Advantages**

- Clamp sizes / quantity to match all requirements
- Easily configured for monolayer and multi-layer applications
- Single or dual parison
- Efficient electric drive(s) on extrusion system
- Low profile for ease of operator access
- Part removal and trimming matched to the application
- In-mold labeling and view stripe capable
- Lowest investment cost for high-speed applications
- Extreme bottle quality consistency

## **Features**

- Continuous rotary motion
- Wilmington's exclusive "Radial Mold Positioning"
- Electro mechanical clamping system
- Precise, repeatable camming functions
- Extrusion rates up to 4000 kg/hr. of any layer configuration
- Fast mold tonnage build-up for PP applications
- Positive bottle removal from mold
- Quick mold change
- All-electric

## **A History of Successes**

**1979**

- **6 Layer Coextrusion System**
- **Commercial 6 Layer Rotary Blow Molder**
- **Series III Introduced with Radial Mold Positioning**
- **3 Layer Detergent with IML Inline to Filler**
- **Neck to Neck, 30 Cavities Canister**
- **Coffee Canisters, 18 and 24 Station**
- **6 Layer, 20 Station, 96 oz.**
- **6 Layer, 32 Station, 20 oz.**

**PRESENT**



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## **Specifications**

US SPECIFICATIONS – UPDATED AUGUST 2019

<b>SERIES III B</b>	<b>2.5W</b>	<b>5W</b>	<b>7.5W</b>	<b>10W</b>
<b>Bottle Size Range</b>	.5 to 1 litre	1 to 2 litre	2 to 5 litre	4 to 8 litre
<b>Production Capability DP</b>	Up to 20,000/hr	Up to 20,000/hr	Up to 12,000/hr	Up to 12,000/hr
<b>Clamping Stations</b>	15, 18, 24, 30	9, 12, 15, 18, 24, 30	9, 12, 15, 18	9, 12, 15, 18
<b>Clamping Force, tons</b>	2.5	5	7.5	10
<b>Clamping Action</b>	Mechanical, cam	Mechanical, cam	Mechanical, cam	Mechanical, cam
<b>Rotating Speed max.</b>	6	6	6	6
<b>Number of Parisons</b>	1 or 2	1 or 2	1 or 2	1 or 2
<b>Blowing Type</b>	Needle	Needle	Needle	Needle
<b>Neck to Neck Capability</b>	Yes	Yes	Yes	Yes
<b>Extrusion Monolayer</b>	Up to 1800 lb/hr	Up to 1800 lb/hr	Up to 3000 lb/hr	Up to 4000 lb/hr
<b>Multilayer</b>	Optional	Optional	Optional	Optional
<b>View Stripe</b>	Optional	Optional	Optional	Optional
<b>Barrel Cooling</b>	Yes	Yes	Yes	Yes
<b>Bottle Handling/Trimming</b>	Yes	Yes	Yes	Yes
<b>Utility Requirements</b>	Based upon application	Based upon application	Based upon application	Based upon application

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. OTHER SPECIFICATIONS AVAILABLE ON REQUEST.