



Series III High Performance Rotary Blow Molding Machinery

For High Speed/Consistency Container Molding

Simple. Precise. Fast. Wilmington's Series III Blow Molding Systems are designed for producing large quantities of containers requiring 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
- Positive bottle removal from mold
- Quick mold change

HOME OF FOAM

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A HISTORY OF SUCCESSES

1979

6 Layer Coextrusion System

1983

Commercial 6 Layer Rotary Blow Molder

1988

Series III Introduced with Radial Mold Positioning

1991

3 Layer Detergent with IML Inline to Filler

1993

Neck to Neck, 30 Cavities Canister

2002

Folgers Coffee Canisters, 18 and 24 Station

2004

6 Layer, 20 Station, 96 oz.

2007

6 Layer, 32 Station, 20 oz.

Series III Specifications

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

