



Small Bottle – SB Series

Perfect for Single-serve Dairy, Juice, Liquid Yogurt and Food Containers

Features and Advantages

- Wide range of models for 80 to 500 ml
- Simplified mold design reduces cost
- 24 to 120 cavities for rates up to 70,000 BPH
- Single parison technology with multilayer, coextrusion and monolayer configurations
- Less floor space than competing technologies
- Higher quality, lower cost bottles



HOME OF FOAM

**A HISTORY OF
SUCCESSSES**

*6 Layer
Ross Ensure
250 BPM*

*6 Layer
8 oz Smoothie
250 BPM*

*80 ml
Energy Drink
Dual Parison
600 BPM*

*4 oz
Yogurt Drink
Dual Parison
800 BPM*

Small Bottle Specifications

SMALL BOTTLE WHEEL	MSB	SB
Typical Bottle Size Range, ml	80 to 250 ml	250 to 500 ml
Typical Bottle Production Rate	7,500 to 70,000 BPH	7,500 to 70,000 BPH
Cavitation (single parison)	24 to 120	24 to 120
Clamping Force, tons / kn	1 / 8.9	1.5 / 13.3
Clamping Action	Mechanical, cam	Mechanical, cam
Bottle Type	Spin Dome Trim	Spin Dome Trim
Rotating Speed, Max RPM	10	10
Mold Chord Length, inches / mm	5.75 to 7.0 / 146 to 177	7.0 to 9.5 / 177 to 241
Mold Width, inches / mm	5 / 127	6 / 152
Mold Stack Height, inches / mm	6 / 152	7 / 178
Mold Stroke, inches / mm	6 to 9 / 152 to 228 (depending upon number of station and extrusion system)	
Extrusion Configuration	Monolayer, Coextrusion or Multilayer	
Extrusion Throughputs, lb/Kg per hour	300 to 2000 / 136 to 900	
View Stripe	Optional	Optional
Barrel Cooling	Forced Air	Forced Air
Mold Cooling, GPM / LPM per Mold	3.0 / 11.4	3.0 / 11.4
Connected Load, kW	Depends Upon Extrusion Rate Required, Contact Factory	
Compressed Air Requirements	Depends Upon Bottle Size and BPM, Contact Factory	

