



# SPB-3 Series Reciprocating Screw Blow Molding Machines

- ▶ Fits into limited space environments
- ▶ Simple to set up, operate and maintain
- ▶ Production from single head up to 5-heads

Rocheleau offers blow molding systems custom designed to accommodate a multitude of container sizes, shapes and packaging needs.



SPB-3/15 with Tail Puller and SPB/HT Spin Trim Take Away



▶ Single Serve Bottles



▶ Non-Handled Bottles



▶ Wide Mouth Jars



▶ Dairy Bottles



▶ Industrial and Household



- Modular design - custom features available
- Optional clamp sizes
- Pull up or ram down neck finishing available
- Automation for spin trim or handle deflash

# SPB-3 Series Specifications

## ▶ Clamp Unit

- 15" and 18" wide options
- Maximum opening 24", minimum shut height 9"
- 15.0" maximum daylight
- Hydraulic cylinder with 8 tons force
- Optional side shift (4.0" stroke)

## ▶ Power Unit

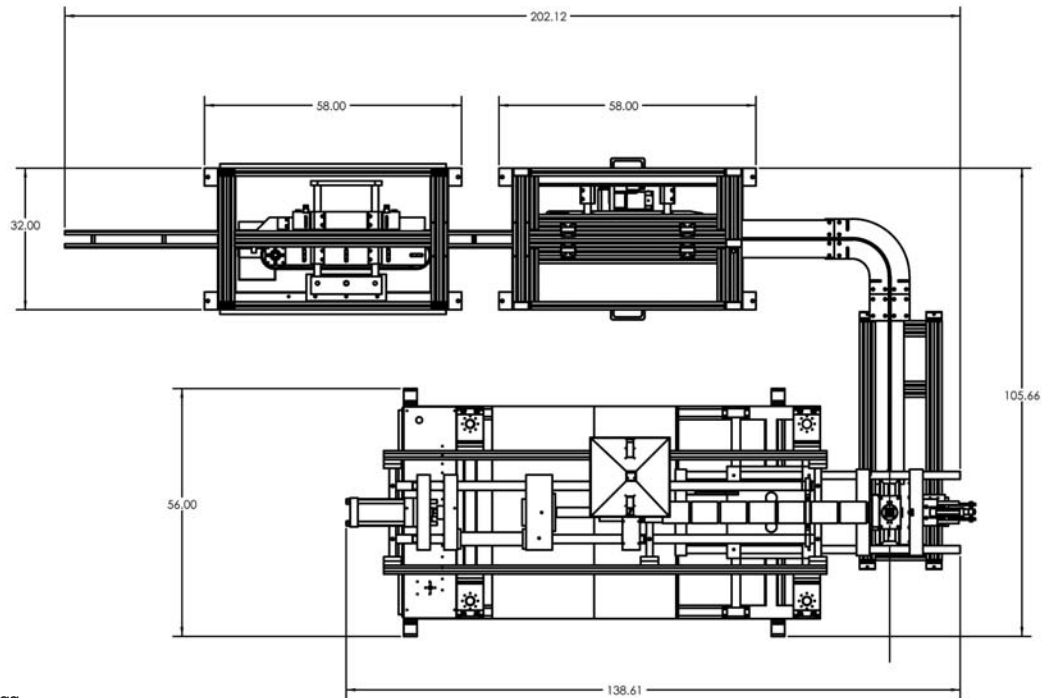
- 30 HP electric motor, 230/460 volt, 3 phase, 60 Hz.
- 27 GPM hydraulic pump
- 80 gallon reservoir
- Proportional flow control

## ▶ Extruder

- General purpose 2.25" diameter 24/1 (L/D) ratio reciprocating screw with 140 lbs/hour for HDPE
- 1.1 lb (500 grams) maximum shot capacity
- Hydraulic drive motor (0-150 RPM)

## ▶ General

- 75 full load amps @460/3/60 electrics
- 5 tons chiller water required, molds and machine, 30 gpm, 60 PSI
- 20 CFM @ 100 PSI compressed air required
- 6,500 lbs (2,948 kg) net wt. SPB-3



SPB-3/15 with Tail Puller and HT Spin Trim Take Away

Notice: The company reserves the right to incorporate any changes in design without obligation to make these changes on units previously sold.

SPB-3 Series Reciprocating Screw Blow Molding Machines				
Container Size	Head Configurations	Cavitation	15" Clamp Head Center	18" Clamp Head Center
3 to 8 oz (4g to 11g) without handle		4 heads	3.375" (85.7 mm)	4.5" (114.3 mm)
		5 heads	-	4.5" (114.3 mm)
8 to 16 oz (11g to 21g) without handle		4 heads	3.375" (85.7 mm)	4.5" (114.3 mm)
32 oz (42g) without handle		3 heads	4.75" (120.6 mm)	6.0" (152.4 mm)
32 oz (42g) with handle		3 heads	4.75" (120.6 mm)	6.0" (152.4 mm)
1/2 gallon (45g) with handle		2 heads	7.5" (190.5 mm)	9.0" (228.6 mm)
1 gallon (65 g) with handle		1 head	-	-

Standard head centers listed. Systems may be modified to accommodate your specific requirements. Production estimate is for lightweight containers. Consult factory for specific production quotation. Production rates may vary with changes in local processing conditions.



Rocheleau Tool & Die Co., Inc.