

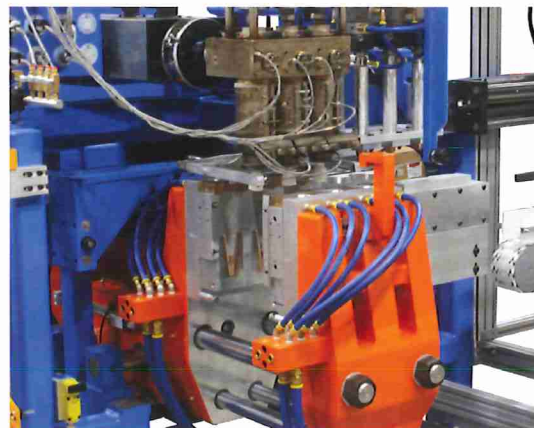
# ROCHELEAU

Est. 1938

Blow Molding Systems  
Machinery · Molds · Automation

# CS-2

Continuous extrusion bottle production with calibrated neck finish. Continuous extrusion shuttle clamp blow molder with hydraulic calibration station, oriented part take away with deflash station. Bottle production up to 1-gallon (4-liter) size.



▶ 2.5 " (63.5 mm) extruder unit with 200 lbs/hour (90.7 kg/hour) throughput HDPE

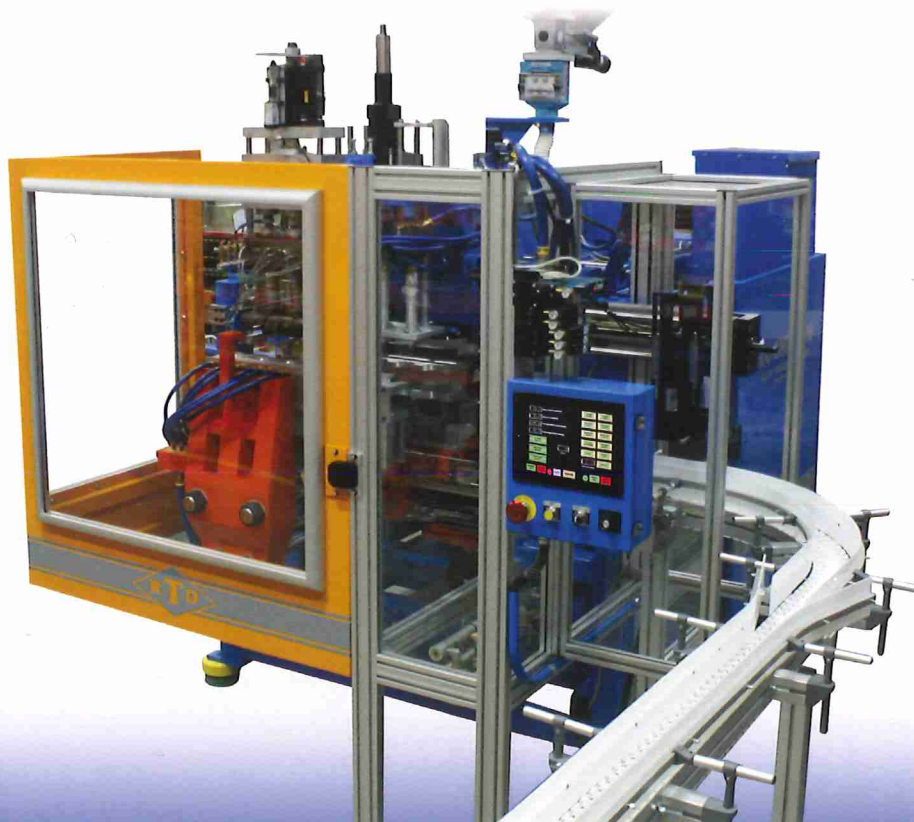
▶ Up to 6-parison die heads

▶ Horizontal shuttle with standard in-line deflash and indexing bottle takeout

▶ 100% access to clamp area for ease of mold & tooling changes

▶ Available options:

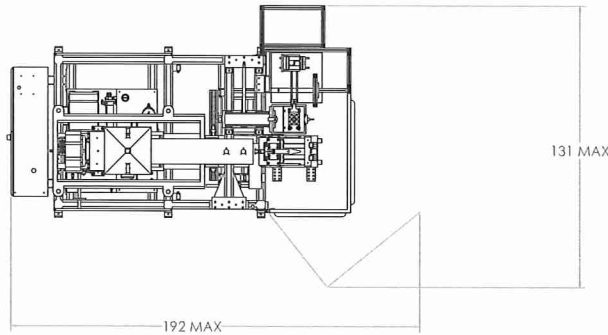
- Multi-layer co-extrusion
- View stripe
- Special die heads and feed screws for engineering grade resins



# CS-2 Specifications

## ► Hydraulic - Modular Power Unit

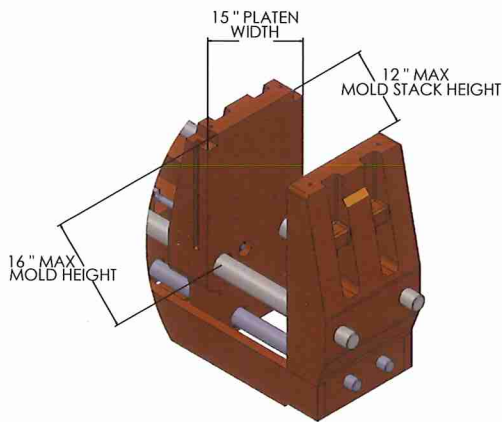
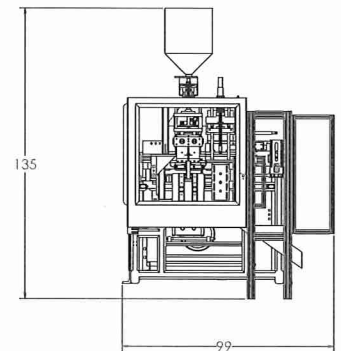
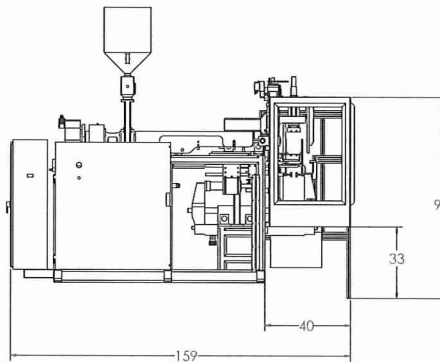
- Dual pressure compensating pumps, one for extruder drive, one for machine functions
- Continuous oil filtration and cooling
- 80 gallon reservoir with level / temperature safety sensor
- Full proportional valve controls
- 2,000 PSI maximum system pressure



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

## ► Extruder

- 2.5" (63.5 mm) diameter 24/1 ratio (L/D) screw, Colmonoy flights
- Bi-metallic barrel
- Continuous high torque hydraulic motor screw drive (0-100 RPM)
- 200 lbs/hr (90 kg/hr) HDPE output
- Stainless steel hopper, 75 lbs (34 kg) capacity
- Hydraulic extruder lift with air-operated hot knife for parison cutting
- Optional parison pre-pinch or cold knife



## ► Clamp

- 8 tons force
- 10" (254 mm) stroke
- 10.236" (260 mm) mold shut height
- Adjustable mold daylight with 10" (254 mm) maximum
- Rapid closing with deceleration control
- 15" (380 mm) shuttle stroke

## ► General

- 12,000 lbs (5443 kg) net weight
- 11 tons (9979 kg) chilled water required, molds and machine
- 40 CFM @ 100 PSI compressed air required

## ► Electrical

- 75 HP, 1800 RPM, 230/460 volt, 3 phase, 60 Hz motor
- Solid state programmable controller
- Touch screen operator interface
- 220 or 440 volt heater bands
- 3-zone extruder temperature controls, fan cooling
- Individual die head temperature
- 150 amps @460 volts

## ► Other Standard Equipment

- File storage for multiple job setups
- RPM indicator for extruder speed
- Deflash punch actuator and transfer nest mounting brackets
- Manifold mounted air solenoid valves
- Main line coalescent air filter

## CS-1 Production Capability

X	-	7.5" (190 mm)	5" (125 mm)	3.5" (85 mm)	2.5" (63.5 mm)
D	7" (175 mm)	6" (150 mm)	4" (100 mm)	2.75" (70 mm)	2" (50 mm)
H	14" (355 mm)	14" (355 mm)	14" (355 mm)	14" (355 mm)	14" (355 mm)

Typical head centers and bottle dimensions listed. Systems may be modified to accommodate your specific requirements.

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