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

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

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