

Shuttle Extrusion Blow Molding

Shuttle EBM offers the most flexibility in container size, shapes (including handleware) and number of cavities

Ideal Markets : Food, Beverage, Personal Care, OTC Healthcare, Household, Automotive, Chemical
Resins : HDPE, LDPE, MDPE, PCR, PP, PVC,
Plant Locations : Franklin, KY | Houston, TX | Monroe, GA | Ottawa, OH | Scarborough, ONT |
Edmonton, ALB | Lachine, QUE | Montreal, QUE | Delta, BC | Woodbridge, ONT



Shuttle Features

Relatively Inexpensive for Small to Medium Volume Requirements

Diverse Size and Shape Capabilities

Multilayer Options

Rapid Mold Fabrication and Changeovers

Large Mold-Available Offering

Sustainable

Shuttle Benefits

- Cost depends on material, shape and number of cavities
- Transfer of existing mold sets and associated businesses can be transferred to Silgan at minimal cost, sometimes only requiring new backplates

- Typical range of size from ½ fl. oz. to 2.5 gallons
- Handleware
- Wide blow ratio
- In Mold Labeling
- Viewstripe on colored bottles
- Multiple necks
- Angled and offset necks
- Retractable bases for deep pushups
- Dual & dosing chambers, both dual neck and single neck

- Coextrusion capability, with up to six layers of plastic
- Reduced color costs for expensive colors - Color only in the outer layer, (20% of bottle) not throughout entire package
- Beneficial for soft touch exterior (2 Layer), use of PCR in food containers (3 Layer) and perishable food packaging (6 Layer) that includes an oxygen barrier layer.
- Multiple Finishes - Outer layer can utilize different material for different aesthetics - i.e. gloss, soft touch
- Gradation technology for differentiation of package on shelf

- Fabrication of full production molds in 5 weeks and expendable unit cavity in 3 weeks. (Time frames may be accelerated if needed. Larger and more complicated mold sets may take longer)
- Interchangeability of mold inserts includes alternate neck inserts, engraved inserts and body inserts for various sizes
- "Common" change-over can be 4 - 6 hrs. (material and head change over can be 12 - 24 hrs)
- Timing for bottle delivery is dependent upon customer requirements, complexity of bottle and availability or resources

- Over 330 existing mold-available options with no need to spend money on tooling

- Tri-layer option allows PCR to be sandwiched in the middle layer so that virgin resin is in contact with the product and outside surface of the bottle with minimal impact to overall bottle specs
- Up to 100% PCR