

Wentworth's Modular Mold Shell Design Increases Flexibility of Bottle Configuration

Nov 3, 2005, Hamilton, Ontario, Canada

In the beverage industry, Hotfill applications have become a key focus for many bottle producers. Recognizing the increase in market demand, Wentworth responded by developing patented technologies for tooling to increase productivity, reduce costs and improve blow performance for Hotfill / Heatset applications.

Wentworth has been issued patents for their Mold Assembly with Modular Mold Shells. This innovative design provides a mold assembly for use in hotfill mold and other applications that enables the use of interchangeable parts that permit height, volume and shape adjustments to accommodate for varying sizes of containers without having to tool complete new mold shells.

In comparison with conventional molds manufactured for Hotfill applications, the Mold Assembly with Modular Mold Shells has numerous benefits for the bottle producer:

- **Lower Tooling Costs - Interchangeable Modular Mold Shell Sections Run with Common Components**
 - A key advantage for the bottle producer, for example, those requiring the same container for both a branded and generic product can swap out the dome section only, eliminating the need for complete new mold shells
- **Variations in Bottle Height, Volume and Shape are Easily Adjusted**
 - Mold re-work is not required
- **Faster Mold Changeover Time**
 - Up to 3 times faster as compared to using conventional hotfill molds
- **Lighter weight, Easier Handling**
 - Up to 50% weight reduction from a conventional stainless steel heatset mold
- **Design Includes Patented Reduced Heat Transfer Technology**
 - Self contained heating medium allows for better processing of bottles
 - Substantial heat loss reduction, resulting in lower energy consumption

- Significant reduction in time required to reach mold start-up temperature

For further information contact:

Donna Watson, Sales & Marketing, Wentworth Mold Ltd.

Tel: 905-574-0010 X 323

Fax: 905-574-0018

Email: dwatson@wentworthmold.com

Web: www.wtbvc.com