

WENTWORTH EKO-MOLDS GENERATE ENERGY SAVINGS OF 30%

Wentworth, manufacturing molds for PET and Extrusion applications, has developed a new stretch blow EKO-MOLD with patented technology which generates up to 30% in energy savings, increases machine output, and allows for faster mold changeovers. EKO-MOLD has the lowest operating costs and is the 'greenest' blow mold on the market.

Wentworth, the world's No.1 independent manufacturer of PET blow molds and extrusion molds, has developed an innovative, modular and energy efficient quick-change mold system for hot-fill and heat-set bottle applications, such as juices, sport drinks, sauces and other uses. This mold system was designed to be compatible with all types and makes of heat-set blow molding machines and all heights and diameters of bottles. The Wentworth's EKO-MOLD substantially reduces operating costs through increase in machine output, allows faster mold changeovers, and generates up to 30% reduction in energy consumption. **EKO-MOLD has the lowest operating costs and the lowest energy consumption on the market.**

Wentworth's patented EKO-MOLD system includes:

- Carrier and quick change mold system.
- Carrier that is insulated to contain heat within the mold.
- Direct heat to the quick change mold shell assembly.
- Thermal barrier between neck and body.
- Thermal barrier between supply and return lines for neck and body.
- Modular concept mold assembly, i.e. neck, shoulder, panel section, volume adjustment section, and heel section to make up complete bottle sections with interchangeable parts for different bottle configurations.

Advantages over a conventional quick change mold system includes:

- Carrier is insulated, therefore, the heat is contained in the mold shell.
- Insulation pads acts as wear part, therefore, prevents expensive carrier damage.
- Flexibility on mold diameter variation by changing insulation pad thickness.
- Less shell mold OD wear and tear.
- Modular concept provides different bottle configurations with interchangeable parts.
- Better molding surface temperature distribution.
- Easier mold change, no issues with molds sticking to carrier.
- Improved thermal barrier providing a wider process window.
- Favourable maintenance conditions since the surrounding of the mold is cooler.
- Less wear and tear on bearings and machine parts.
- Energy savings in mold heating, as much as 30% over conventional quick-change mold systems.

Wentworth is the world's No.1 independent manufacturer of blow molds for the packaging industry. The company supplies PET and Extrusion blow molds of all sizes, for all technologies and equipment types, anywhere in the world. Wentworth has been at the forefront of the PET packaging technology and has supplied blow molds since the early 1970's. Wentworth continuously develops proprietary technology that reduces operating costs and provides energy savings. **EKO-MOLD has the lowest operating costs and is the 'greenest' blow mold on the market.**

Wentworth is focused on driving customer success. Our molds redefine the time to market and deliver higher profits to our customers and strategic partners. We are truly customer-obsessed, serving your requirements from plants and service centres in the United States, Canada, Argentina, the United Kingdom, Germany and Poland.

For more information, visit: www.wtbvc.com

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