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# Clack Corporation

# CUSTOM Blow molded

products &  
COMPONENTS  
Clack Corporation 

## Blow molded thermoplastics

have replaced many traditional materials and methods. This popularity is due to lower mold costs, improved thermoplastic polymer materials, and greater structural integrity in the finished product.

**Over the last 40 years** Clack has become an acknowledged leader in the industry by creating innovative solutions with our skilled & experienced staff and state-of-the-art facilities. We strive for the highest quality standards and remain committed to passing competitive prices on to our customers.

That's complete blow molding service. **That's Clack.**



## **Total** PROGRAM MANAGEMENT

**Our program management team** complements your staff and will help oversee all facets of your project. We can provide efficient and economical turnkey programs from concept through finishing.

New technologies and new materials are constantly changing Clack's production capabilities. As a result, many of our customers rely on Clack to provide product design and engineering assistance. Our engineering staff utilizes the latest information and CAD/CAM techniques, including software such as Autocad and Solid Works to create innovative new products. Our team will help you with product design, tooling design, manufacturing, quality control, and secondary operations, including routing and finishing steps.



## **Uncompromising** QUALITY

**State-of-the-art** technology and manufacturing techniques provide high-quality products and consistency from run-to-run, year-to-year. Each blow molding production cell is equipped with high-speed microprocessor controls and is run by a skilled, experienced technician. The controls utilize the latest software for minimum wall-thickness tolerance and the lowest allowable part weight.

Product consistency is maintained by a Statistical Process Control program (SPC) which constantly monitors quality and efficiency during the run. Parameters for each molding run are electronically stored for evaluation and future use on reorders.

## **Production** CAPABILITIES

**Our full range** of efficient blow molding equipment keeps us very competitive no matter the size of the part or the length of the run. We're geared for parts as small as 2 ounces or as large as 40 pounds or 150 gallons.



**Kautex Bottle Blow Molder With Polycarbonate**

### **BOTTLES AND CONTAINERS**

**Our custom container and bottle division** features a wide variety of continuous extrusion blow molding equipment allowing us to produce parts ranging in size from 2 ounces up to 5 gallons. Our equipment can produce up to four bottles at a time in sizes up to 32 ounces. We are able to work with a wide range of materials that includes: HDPE (including co-extrusion), HMW-HDPE, LLDPE, LDPE, PP, PVC AND PC. Each blow molding production cell includes leak detectors, capping and packaging equipment. A number of finishing options are also available including labeling, silk screening and sleeving.

Realizing the difference between small parts/containers and industrial blow molding is the key to our success. Our blow molding division is separated into two different processes: continuous extrusion container molding and accumulator head industrial molding using commonality of processes.



**Kautex Multihead Bottle Machine**

### **INDUSTRIAL PARTS**

**Our industrial parts division** features a wide range of accumulator head industrial blow molding machines. We mold products as large as 150 gallon water softener brine tanks and have the technical ability to mold multiple complex parts including double wall panels. Our equipment allows us to handle a shot size range from 7 pounds to 50 pounds and a parison diameter up to 24 inches. CNC robotics including routing, drilling and sawing at the blow molding cell completes the production process and ensures quality and repeatability.

We work with a wide range of materials including ABS, TPE, HDPE, HMW-HDPE, PP, LLDPE AND LDPE. Clack corporation is also a leader in the use of post consumer HDPE.



**Kautex Twin Head Industrial Machine**



**6 Axis CNC Robotic Router**



*It's innovation. It's skill. It's experience. It's technology.*

*That's Clack.*

## **Value added SERVICES**

**Every step** of production is performed in-house at our plant. Producing parts to meet your specifications is only one part of our job. Many secondary operations, such as sleeving, assembly, silk screening, labeling, specialty packaging, trimming, drilling, punching, and automated CNC routing featuring state-of-the-art robotics, are incorporated in a closed-loop blow molding work cell.



**Automated Sleeving To Finish Your Product**

The detailed work necessary to complete your products is part of the added value we provide on an everyday basis.



**In House Silkscreening Services**

## **Midwest CONVENIENCE**

**Headquartered in Windsor, WI** just off Interstate 90/94 and 5 miles from the Madison airport Clack offers easy access to all Midwest markets. With over 250,000 square feet of manufacturing and warehouse space Clack Corporation has the ability to be your complete fulfillment center, offering warehousing, over the road shipping, drop shipping, and rail shipping from our own rail siding.

Clack has an additional 50,000 square feet of manufacturing and warehouse capacity in Rogers, AR. Located in the Northwest corner of Arkansas this facility is dedicated primarily to custom containers and bottles.

Our total responsibility and uncompromising quality are only minutes away by e-mail, phone or fax.



**It's innovation. It's skill. It's experience. It's technology.**

From total program management and uncompromising quality, to high-speed production, finishing touches, and midwest convenience.

That's complete blow molding service.

***That's Clack.***

**Clack Corporation** 

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