

# From Idea to 3D Design Development...



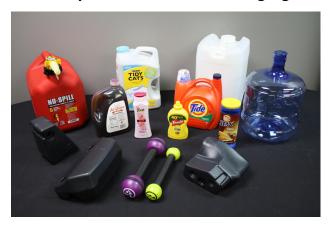
...to Lean Mold Manufacturing...



...to High-Quality Precision Molds...



...to Superior Consumer Packaging



## **Contact Information:**

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## Company

Since our company's start in 1984 Creative Blow Mold Tooling has been focused on designing, manufacturing, and maintaining the highest quality blow mold tooling for our customers. During our 29



years in this industry we have developed expertise with all types of applications, end markets, and blow mold machines spanning the blow mold industry. This expertise, combined with our depth of resources, enables us to work with our customers from initial product design and prototyping through sample and production tooling, to the production of high quality blow molded containers and parts from initial start-up. We also offer scheduled mold maintenance as well as quick

turn-around repair projects essential to all plant operations.

#### **Experience**

Creative employs engineers, programmers, machinists and toolmakers who have spent the majority of their careers in the blow mold industry, including several who spent time in the processing side before joining our team to build quality tooling for the industry. The collective knowledge and expertise of our team members relative to customers' equipment, materials, and end markets uniquely positions Creative to add maximum value to every mold we build.

## **Manufacturing Core Competencies**

Creative Blow Mold Tooling offers capabilities and experience in the following areas:

Processes	Materials		End Markets		
Wheel	HDPE	PET	Food & beverage	Motor oil	
Shuttle	Polypropylene	PVC	Household chemicals	Industrial chemicals	
Injection stretch blow	Polycarbonate		Personal care	Ag chemicals	
Reciprocating screw			Industrial parts	Medical	

Platforms	Manufacturers and Types						
Wheel	Graham	Wilmington	VR	MRM	Midwest		
	TGS	Other Proprietary Manufacturers					
Shuttle	Bekum	Fischer	SIG	Hayssen	Techne		
	Comec	Magic	BW	Baker	Mark		
	Rocheleau	Hesta	CMP	Travomatic	Others		
PET – 2 Stage	Sidel	Mag	SIPA				
Reciprocating	Uniloy	Kautex	Liberty	Impco	Stokes		
screw	Improved	Sterling	Prodex				
Accumulator	Large	Industrial	Toy				
Head	Containers	Molds	Molds				



## **Other Manufacturing Capabilities**

We also design and build secondary tooling for customers, including trim tooling, transfer tooling, detabbers, and head tooling.

## **Equipment and Technology**

Ongoing investments in new manufacturing equipment and related technology are essential to



maintaining our position in the market as a premier tooling supplier. Our design engineering and programming teams utilize the latest 3D CAD and CAM software technology and tools helping us maintain short lead times. This is particularly important in satisfying customers' demands for quick turnaround times on unit molds, lead molds, new components, and repair work.

Creative invests heavily in high speed CNC machining centers that provide us with the capacity required to meet customer lead time demands. Our large manufacturing plant accommodates the significant mix of equipment required to be a full-service mold manufacturer. We also operate multiple shifts allowing us to ramp up our production capacity as our customers' demand increases.



#### A summary of our equipment and technology

## **Machines & Equipment**

- 15 Vertical & 4 Horizontal CNC Machining Centers with up to 64" X and 32" Y travel.
- CNC & Manual Lathes
- Manual Milling Machines
- Grinders
- Sandblast Stations
- Water Check Stations
- CMM (Computer Measurement Machining)
- Comparator

#### Software

- SolidWorks
- Pro/ENGINEER (Creo)
- AutoCad
- Mastercam

#### Welding:

- TIG Welding
- Laser Welding
- Micro Welding



### **Quality Assurance:**

We understand that quality is critical to the success of every mold, component or tool we manufacture. Our customers expect perfection; without it they cannot produce the parts they need to satisfy their customers' requirements. At Creative we do all we can to ensure that the finished products we produce

have been designed, manufactured, and finished to exceed our customers' expectations.

Our processes-we have standards for every operation we perform.
 We employ continuous improvement strategies to find ways to do things better and with even higher quality.



Collaboration-we work with customers to completely understand their

requirements and we use their feedback to quickly adjust our standard procedures and further improve our quality.







- Our people-all employees are trained on our quality standards. We perform and document first article inspection on all operations. We demand quality work from our team.
- Our equipment-our dedicated inspection room includes state-of-theart equipment-an optical comparator, Coordinate Measuring Machine, and other inspection tools and capabilities.



## 24HR Emergency Blow Mold Repair:

Creative is an extension of our customer's team delivering quality blow mold tooling on time that works right out-of-the-box. We also work hard to make sure that our customers can maintain their production schedules by providing rapid turnaround time on all repairs for our customers.

We offer the following repair services to all of our customers:



- 24 HR Emergency Repair Turn-Around
- Fast turn-around time on all repairs
  - Creative stocks components parts for our customers to eliminate wait time
  - Direct drive pick-up and delivery service available