



### **SERVICES:**

R&B Plastics Machinery is located in Saline, MI and is a manufacturer of blow molding and single screw extrusion machinery. We provide remanufacturing and modernization services for R&B Plastics Machinery blow molders and extruders, but also for other manufacturers' equipment as well.

Along with our sister company, Monroe Mold, R&B Plastics Machinery can offer rapid prototype molds for bottle product testing and development on our in house lab blow molder. Upon testing completion, R&B Plastics and Monroe Mold can determine the best blow molding machine and mold design to support your production needs.

### **CAPABILITIES:**

With over 27 years of experience, R&B Plastics Machinery offers blow molding machinery designs with single or multiple parison and layer structures for:

- **Rotary Indexing Wheel Blow Molders**
  - o Combines wheel and shuttle systems
  - o High volumes, quick tooling change over, calibrated neck
  - o Mono and Multilayer coextrusion
- **Shuttle Blow Molders**
  - o Small to medium volumes, delivers calibrated neck, inexpensive
  - o Mono and Multilayer coextrusion
- **Mechanical Wheel Blow Molders**
  - o Lowest cost method for high volumes
  - o Mono and Multilayer coextrusion
- **Reciprocating Blow Molders**
  - o Best for light weight containers, fast cycle times
  - o Monolayer only, HDPE and PP
- **Injection Blow Molders**
  - o Suitable for containers .5litre and smaller
  - o Monolayer typical



R&B Plastics Machinery also manufactures bottle trimmer and deflasher systems for low or high-volume bottle production.

Through our in staff of mechanical and electrical engineers, R&B Plastics Machinery can provide proven standard machinery design configurations. Or, we can offer custom engineered machinery for demanding proprietary requirements.

R&B Plastics Machinery field service group provides worldwide start-up and repair services for our blow molder and extrusion machinery. Our service support group also provides operational training, process support and spare parts.



### RECONDITIONING SERVICES:

R&B Plastics Machinery has the expertise and knowledge to refurbish production worn blow molders and extruders and return them to "like new" condition. Our technical staff can rebuild damaged gearboxes, add new electrical control systems, and replace mechanically worn parts and components, including: valves, cylinders, heaters, screws and barrels.

Our skilled and experienced field service technicians can perform on-site audit reviews of blow molding and extrusion machinery. R&B Plastics Machinery experts can make the recommendations and necessary changes to maximize the out put of process machinery.



### SINGLE SCREW EXTRUDERS:

R&B Plastics Machinery is the manufacturer of the MAX series model of single screw extruders from 1.5 inch to 10.0 inch diameters. We offer a complete range of barrel L/D requirements, water or air barrel temperature control, screw designs and control systems. R&B Plastics can also provide mechanical and electrical rebuild and reconditioning services to all makes of single screw extruders.



### MOLD SERVICES:

Located in Monroe, MI, Monroe Mold designs and manufactures molds for all types of blow molding machinery. Services include rapid prototype molds, new blow molds, mold repair and reconditioning services and auxiliary tooling (blow pins, tail detabbers, trim tooling). Monroe Mold is a modern tool shop with current software and equipment, staffed by trained and qualified machinist. With R&B Plastics test blow molder, one-week lead-time from a rapid prototype mold to sample bottles.



**For more information on R&B Plastics Machinery products and services, contact Sales at 734.429.9421.**