

## Rebuild and Upgrade Capabilities

R&B Plastics Machinery has a dedicated service team with over 450-years combined experience. Our technicians have the skills required to perform complete machinery rebuilds/retrofits and upgrades in your plant or at our 60,000 sq. ft. facility (details on other side). From small jobs to screw and barrel upgrades or complete controls upgrades, R&B can help you get the performance you expect from your extrusion and blow molding equipment, any make or model. We can assist with routine maintenance jobs, moving lines, and training operators.

- These are cross-trained technicians with mechanical, electrical, and hydraulics/pneumatics skills.
- R&B's 24/7 tech support/service specialists can be dispatched throughout North America at a moment's notice.
- Our expertise: Identify and solve machinery problems, rebuild to "like-new" quality.
- We can do repairs/rebuilds at your facility or ship equipment to our plant in SE Michigan.
- Measure savings with process **efficiencies**; greater consistency; faster cycle speeds; improved output rates; savings on energy, materials, and labor time (less machine down time, too).

## Broad Range of Service/Support

Our goal is to keep your operation running. We also improve processing capabilities and stretch budgets with complete overhauls of older machines. R&B's experienced service technicians correct a wide range of equipment issues such as:

- Gearbox rebuilds
- Replacement barrel cooling systems – water or air-cooled
- Barrel heating systems
- Refurbished and new feed screws: No need to buy from an OEM – R&B has its own line of Max Impact™ feed screws. Our experts can recommend the best screw for your application(s). We also refurbish and polish screws to extend life.
- Process analysis – for trouble-shooting, proper feed screws
- Screen changers – hydraulic, manual, continuous
- Hydraulic system upgrades for tighter control and more repeatable processing
- Motors/drives replaced or upgraded
- Process-monitoring system upgrades
- Partial and full-control upgrades: Improve line performance with PC, PLC, or discrete control systems. Automated controls can include Parison Control and upstream or downstream equipment. R&B will replace with Allen-Bradley, Eurotherm, Siemens, or the preferred brand you select. We use off-the-shelf components. This "open architecture" means your plant's electrical maintenance staff will have full access to schematics and PLC logic.
- R&B earns high customer-satisfaction ratings: Plant managers often are amazed at the "new" appearance and measurable performance gains from retrofits.

## Improved Quality through Better Processing

R&B's service technicians can lengthen the lifespan of capital equipment, plus improve production. Contact the R&B Service department at 734-429-9421 to have technician(s) at your facility soon – we pride ourselves on quick response times. Or e-mail us at [info@rbplasticsmachinery.com](mailto:info@rbplasticsmachinery.com).





## Value-Added Services

Comprehensive machinery inspections help troubleshoot. R&B's service technicians can diagnose and fix the problem(s) to get your lines running again. Due to many firms' reduced technical or mechanical staff, some companies schedule R&B to provide routine maintenance or scheduled upgrades/rebuilds. If you can't spare the staff to do important preventive maintenance work, let R&B perform regular maintenance checks to prevent bigger problems later.

Process analysis for improved processing and proper feed screw design: R&B's engineering team or Tim Womer, Chief Process Consultant, performs the tests to measure machine performance. This on-site analysis measures a myriad of machine functions to define problem areas and recommend how to best correct them, whether this be through adjusted temperatures, speeds, material, melt flow and mixing, or feed screw quality issues.

## Plant Profile

Our 18 field-service technicians work as a team with the knowledgeable staff at our main facility in Saline, MI. R&B Plastics Machinery LLC designs, engineers, and manufactures blow mold and extrusion equipment. This includes standard machinery and customized systems; trimmers/deflash systems and controlled scrap release systems; rebuild/modernization services for all makes and models; controls upgrades, including Parison Controls; process analysis and feed screws, new and refurbished; and much more. We can rebuild/repair single lines or entire plants, depending on customers' needs.

Our full-service manufacturing plant consists of two buildings with high-bay doors, fully equipped with all utilities: Electrical, air, and water. Other plant features include:



- High Ceiling: Under-crane height 19' with 8' clearance above this
- 60,000 sq. ft. facility
- 4 Boom Cranes: Two 20T, Two 10T
- 2 Assembly Bays
- Vacuum system for IML, hopper-loader systems, etc.
- Plant-wide compressed air
- Paint Shop – Two-sided, fully ventilated with full range of capabilities
- Electrical Panel Shop
- Welding Center
- Prototype Test Lab
- Tool Room
- Shipping/Receiving Center with low dock and high bay doors
- Storage Warehouse
- Portable Grilling center for special employee/guest lunches
- Active Recycling center
- Plant floor/Technical Center space available to rent for special projects, short-term or long-term.

We welcome visitors and invite you for a plant tour. Please call ahead to schedule an appointment.

### CALL TODAY:

No matter what make or model, R&B Plastics Machinery can help you get the most from your processing equipment. Contact us today to schedule your next field-service project, upgrade, or rebuild: 734-429-9421, or e-mail us at [info@rbplasticsmachinery.com](mailto:info@rbplasticsmachinery.com).

