



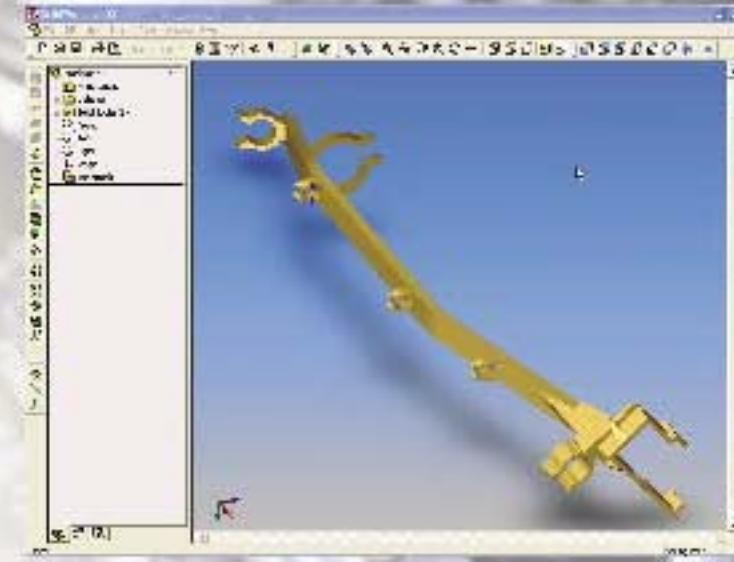
PROVIDING **CUSTOM MOLDING**
SOLUTIONS TO THE WORLD SINCE 1963

ENGINEERING

CONCEPTION TO OBSOLESCENCE

DESIGN ASSISTANCE

- Dimensional and tolerance guidance.
- Conceptual part design.
- Material specification writing to help ensure customers receive desired results now and in the future.
- Leaders in cost reduction and problem resolution programs.



CAD

- Solid based CAD system.
- High level file transfer capabilities including solids and wire frame.
- Ability to modify customer models to illustrate cost savings or improved part performance.

CUSTOMIZED TOOLING

- Custom designed tooling for prototyping, small or large volume production.
- In-house, local and foreign tooling capabilities.
- Complete in-house design and control provide the best quality, on-time delivery and lowest overall costs.
- Expertise in a multitude of tool designs including 3 plate, hot runner, loose core, manual/automatic screw systems and insert mold systems.
- Building molds out of a variety of materials from cost-effective metals to specialty tool steels.



QUALITY ASSURANCE

DEDICATED TO PERFORMANCE • QS AND ISO CERTIFIED



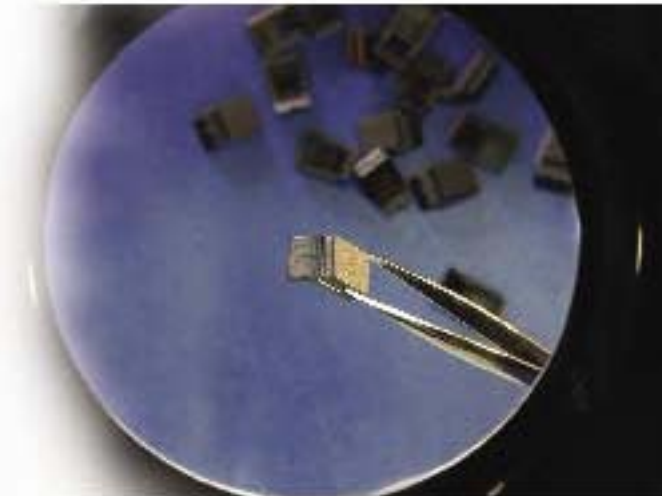
PROVIDING STRUCTURE

The Ritus quality team is structured to assist our manufacturing personnel in the following areas:

- Process Control
- Efficiency Improvements
- Root Cause Problem Definition and Solution

KNOWLEDGE AND UNDERSTANDING

- The Ritus Avant, three axis, non contact vision system accurately checks dimensions on manufactured components.
- Statistical analysis is utilized on every molded component in order to understand trends.



PROJECT MANAGEMENT

Each new project goes through the following process:

- Design Review
- APQP - Advanced Planning Quality Process
- Tool Approvals
- Incoming Tool Analysis
- PPAP / ISIR Run and Documentation
- Production Ready



PLASTIC INJECTION MOLDING

SIMPLE TO COMPLEX • SPEED • QUALITY • DEDICATION



STATE-OF-THE-ART EQUIPMENT

- Hydraulic and electric presses from 28 to 500 ton.
- Ability to run lights out.
- Closed loop systems ensure higher quality.
- The quickest shuttle times available in the industry.
- Two facilities - Milwaukee, WI and Chicago, IL

EXPERIENCED PROCESSING

- Our lead process engineers have over 100 years combined experience.
- Molding small intricately toleranced components to large cosmetic pieces.
- Experts in molding clear resins.



PRECISION, FOCUS AND VALUE

- Utilizing sophisticated molding programs to optimize performance.
- Mold flow analysis is completed to fully understand the molding process.
- Additional completion services available: hot stamping, ultrasonic welding, assembly, drilling and process bonding.
- Extensive inventory of resins and colorants results in lower production costs due to bulk purchasing.



RUBBER MOLDING

SUPPLIER OF CHOICE WORLDWIDE • FLEXIBLE • EFFICIENT • ON-TIME DELIVERY



INJECTION, TRANSFER AND COMPRESSION CAPABILITIES

- Variety of molding processes and press sizes allows Ritus to match the best process for your part.
- Multiple facilities operating around the clock to meet your changing demand.

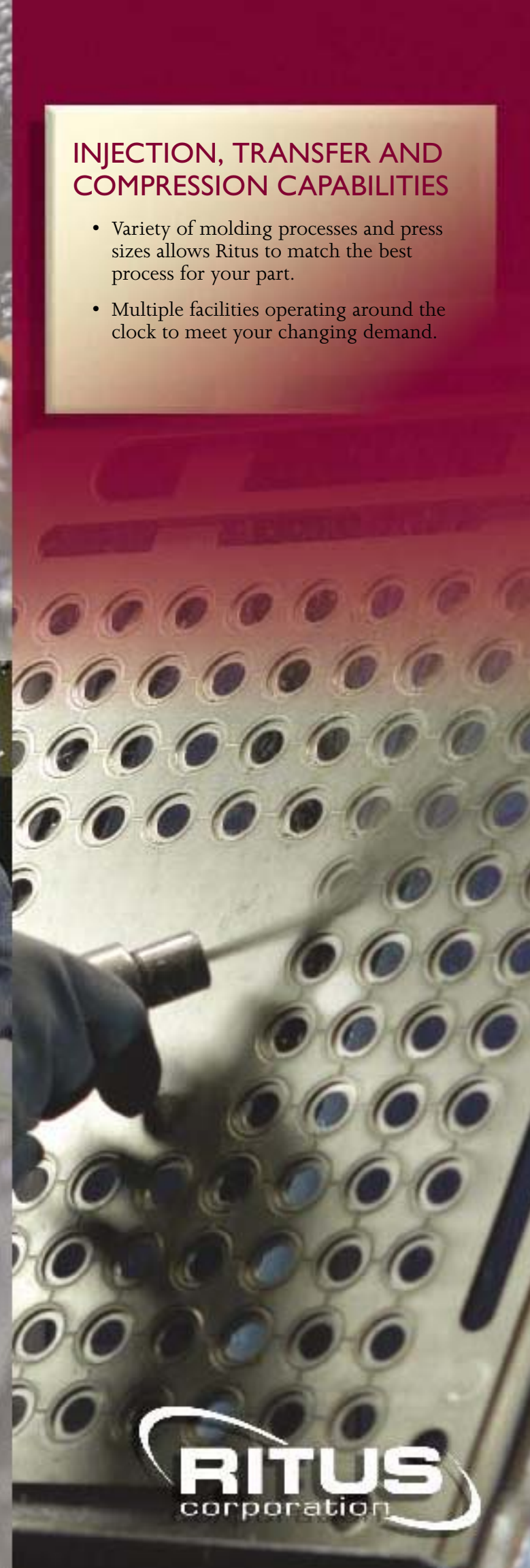
PROPRIETARY MATERIAL

- More than 2000 proprietary recipes to meet your performance specifications.
- Ritus has relationships with the largest rubber labs in the world, keeping us on the leading edge of development technology.
- Cold room material storage prevents material degradation.



VALUE ADDED

- Overmolding capabilities on to plastic, rubber and metal.
- Cryogenic deflashing produces clean cosmetic parts.
- Post cure operations for special engineered materials.
- Material/component testing ensures performance.



RITUS
corporation

SINGLE SOURCE RUBBER AND PLASTIC MOLDING

Ritus has standardized our operations resulting in a flexible business model. This strategy allows us to exceed our customers expectations and receive a consistent 99% or better on-time delivery rating.

Ritus has the ability to match the material you need to meet performance and cost guidelines. Whether it is selecting an alternate material or converting rubber to a TPE, Ritus will find the solution for you.

Four facilities encompassing over 200,000 square feet of production space, more than 80 rubber molding machines, 40 plus plastic injection machines and working at 80% capacity with room to grow - Ritus is the supplier of choice to meet your needs.

The Ritus team is the best in the industry at project management. We start with your vision and work our way through feasibility and design to produce a problem-solving component.



CUSTOM RUBBER AND PLASTIC INJECTION MOLDING

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A FAMILY OF COMPANIES FOCUSED ON MEETING THE NEEDS OF OUR CUSTOMERS

