



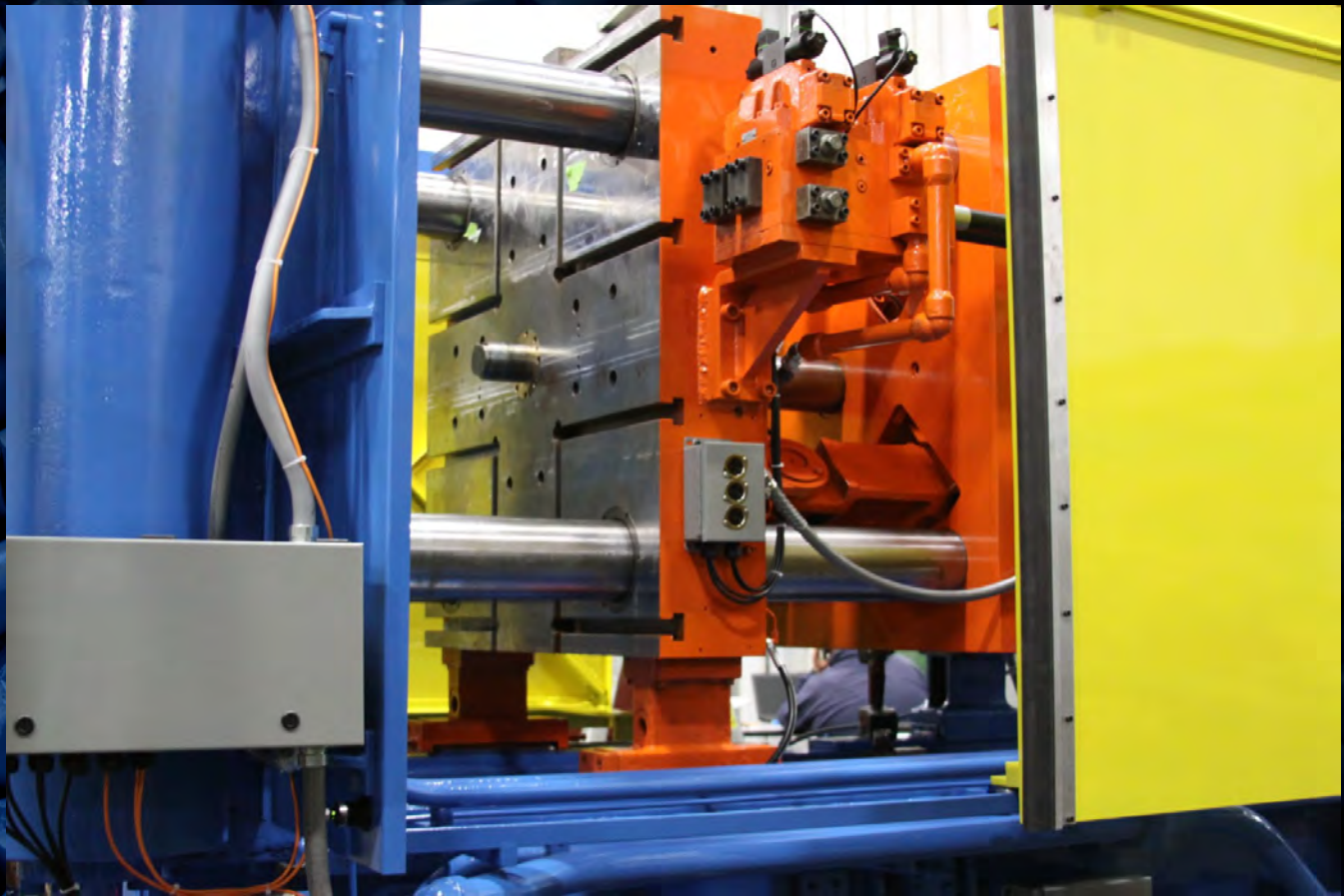
**Molders Services, Inc.**

*MSI is a domestic manufacturer of injection-end components that also provides extensive consultative and expert problem-solving services.*

**4 Decades of Excellence**

*At MSI we combine nearly 40 years of in-plant diagnostics and troubleshooting experience in the plastics industry with unparalleled expertise in parts manufacturing and design.*

# Machine Rebuilding Services



***From simple on-site inspection to complete remanufacturing options***

- *Injection end component replacement*
- *Linkage set reconditioning*
- *Top-half rebuilding*
- *Comprehensive remanufacturing*
- *Guaranteed results - 1 year warranty*



**MoldersServices.com**



*Made In America*



**Call Today 248.585.8120**

## Machine Rebuilding Services

The decision to rebuild or remanufacture your equipment should always begin with the experts at MSI coming on-site to perform a thorough inspection to determine level of wear and functionality. Once completed, we provide recommendations to you that fit both your processing environment and your budget. A comprehensive work specification and detailed quotation follow for your consideration. No surprises. No gotchas. Just honest work performed by skilled technicians through to project completion at a fair price. Trust the experience and expertise of Molders Services

### Services We Offer

- Top-half rebuilding
- Complete remanufacturing
- Injection-end component inspection and replacement
  - ✓ Hydraulics, lubrication, PLC, platens, linkages, tie bars and more
  - ✓ Valves and other proprietary components replaced as needed
- Linkage set reconditioning
- Swap-out program available

### Top-Half Rebuilding

- Movable platen and toggle carrier platen serviced
- Tie bars chased and inspected for cracks and damage
- Nut threads chased and inspected for cracks
- Matting surfaces skinned and re-aligned
- Closing cylinder removed, rebuilt and performance tested
- Stationary platen may be re-qualified – optional

### Comprehensive Remanufacturing

- Removal of machine from your facility
- Disassembly, thorough inspection and cleaning
- Damage assessed – wear, component failure
- Complete restoration to OEM specification – or – updating to current technology standards (rebuilding)
- Comprehensive post-project testing and performance assurance
- Complete repainting with guards and safety labels
- Return, re-installation and testing to your shop floor
- Detailed work-performed documentation
- Full one-year warranty



### Linkage Set Reconditioning

- Removal of linkage set from your location
  - ✓ Crosshead, links, levers, bell cranks and e-bosses
- Thorough inspection and component cleaning
- New bronze bushings and alloy toggle pins installed
- All bores honed and verified for precision with master gauges
- All linkage centers brought back to OEM specifications
- Crosshead re-qualified and re-bushed
- All lube holes cleaned and chased
- Lubrication repaired or replaced as needed
- Linkage fully re-painted, returned and reinstalled
- Thorough testing and performance assurance

**Ask us about our  
Swap-Out Program!**



**Call Us Today  
248.585.8120**

**Molders Services**  
1556 Telegraph Drive  
Pontiac, Michigan 48340

