

## Precision Die Retooling, Resharpener & Repair Services

Maximize Productivity | Minimize Downtime | Extend Tool Life

### Keep Your Press Line Running At Peak Performance

If you're running metal stamping dies, signs like burrs, parts out of spec, increased tonnage, or unusual tool noises indicate the need for maintenance. Apex's Die Maintenance Program ensures your dies perform optimally to avoid disruptions and remain in peak condition.

### Why Die Maintenance Matters

Regular maintenance ensures your dies operate efficiently, producing high-quality parts that meet your exact standards. Neglecting maintenance leads to:

- Unplanned downtime.
- Higher production costs.
- Sorting costs for defective parts.
- Quality defects and increased scrap.
- Shortened die lifespan.

A robust die maintenance plan prevents these issues, saving time and money while maintaining consistent part quality, and ensuring reliability and performance.

### Program Benefits

Our Die Maintenance Program offers measurable benefits:

- **Extended Life:** Reduce wear and prevent costly replacements.
- **Increased Efficiency:** Minimize unexpected downtime through routine inspections and repairs.
- **Improved Quality:** Consistent maintenance ensures parts are free of defects and meet your exact specifications.
- **Cost Savings:** Reduce repair costs, scrap rates, and production disruptions.

### Preventative Maintenance Services

Regular die maintenance catches issues before they cause breakdowns. In many instances, we can rework existing dies to like-new standards. Apex's skilled technicians perform key maintenance tasks to keep your dies in peak condition:

- **Comprehensive inspections:** Identify loose components, check fits, cracks, wear, alignment issues, and ensure clearances.
- **Cleaning and polishing:** Remove cutting debris to prevent buildup and optimize performance.
- **Die reconditioning:** Resharpener, rebuilding, and reworking to OEM specifications.
- **Edge resharpener:** Grinding die edges to restore original cutting sharpness.
- **Wear part replacement:** Proactive replacement of pins, bushings, and other worn components.
- **Die alignment and calibration:** Precision tuning for optimal results.
- **Detailed reports:** Full documentation of findings and recommendations as well as archived notations on your dies maintenance records.



Designer & Manufacturer of Precision Tooling,  
Machinery, and Services for Packaging Equipment  
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## DIE MAINTENANCE PROGRAM

### Stamping Die Repair

We repair and remanufacture all types of metal stamping dies, whether we built the die or not.

- Repair services for damaged components.
- Sharpening and shimming to ensure cutting sections and punches remain sharp and aligned.
- Reverse engineering for outdated or unavailable parts.

With our in-house resources, Apex can begin repairs quickly, reducing lead and completion time.

### Why Choose Apex?

For over 100 years, Apex has been an industry leader in designing, maintaining, and repairing high-precision dies that are accurate, reliable, and cost-effective, plus:

- **High-Precision Repairs:** Commonly holding tolerances to 0.0001, when necessary.
- **Sharpening Services:** Quick turnaround to minimize downtime.
- **Global Support:** Serving a wide range of industries worldwide with precision and quality.
- **Expert Technicians:** A dedicated team of skilled technicians and engineers.

### Get Started Today

Don't wait for a breakdown to disrupt your production. Protect your investment, reduce downtime, and improve productivity with Apex's Die Maintenance Program. Apex is ready to maintain, repair, and optimize your progressive stamping dies.

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### Apex Die Maintenance Program

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Concept Through Engineering to Manufacturing Solutions

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