Let Advanced Technology Services (ATS) repair and maintain your complete tool, mold and die program. From broken punches and damaged details to normal wear and tear, ATS’ highly skilled technicians can repair the components you need, when you need them. And once the repair is completed, ATS strives towards extending its life through implementing a meter-based preventative and proactive maintenance process. Let us help you find a solution to your tool, mold and die repair and maintenance needs.

ATS Tool, Mold & Die Advantage:
• Onsite skilled labor
• Machine performance monitoring and metrics
• Standardized repair process
• Preventative and Proactive maintenance
• Scrap reductions
• Change engineering

From preventative maintenance activities and historical repair costs to metrics reporting and maintenance scheduling, you can rest easy knowing your production goals will be met.

Monthly performance measurements are reported using our unique 4-up charts. The charts provide a look into a specific machine’s metrics while illustrating trends, highlighting trend drivers and listing action items for improvements. Some measurements include:
- Avoidable equipment downtime
- Proactive % of labor hours
- Reactive tool maintenance hours
- Number of failures
- Mean-time-between-failure
- Total work orders
- Tool repair time

Repair Process
Standardizing processes within the tool, mold and die program helps reduce repair time - avoiding added downtime hours. With ATS, the process is simple. A work order is created and an onsite technician is scheduled for inspection. Technicians perform both a visual and diagnostic check, recording all information in eFactory™ Pro. Once the repair is finished, retesting is completed and the asset is placed back into storage.

Preventative Maintenance
Implementing preventative maintenance activities is crucial in maintaining the life of your tools, molds and dies. After final inspection is passed, each asset is placed in storage and usage is metered to conduct future routine maintenance. A set of tasks used to inspect critical characteristics of each asset are performed at certain frequencies by skilled ATS technicians. Inspection records and costs are retained and documented for future reference in eFactory™ Pro.

Proactive Maintenance
Identifying the root-cause of asset failure and implementing actions aimed specifically at correcting them provide substantial cost savings each year. ATS technicians focus on asset damage - concentrating on the causes of wear and tear. Technicians use thermography cameras to detect abnormal hot spots. Ultrasound measurements to assess significant sources of wasted energy in compressed air and coolant or hot oil systems. And each asset undergoes a full inspection before being placed back into storage.

Scrap Reduction
Reducing the amount of scrap in your operation not only saves material and labor costs but also increases on-time delivery and customer satisfaction. By making improvements in tool, mold and die maintenance processes, scrap and rework is drastically decreased. In fact, it’s not unusual for companies using ATS to see a 60% reduction or better of scrap in the first year.

Change Engineering
Making revisions to or providing assistance with lost, severely damaged or nonexistent tools, molds and dies helps manufacturers maximize the life of their machines and materials. At ATS, technicians have change engineering experience that satisfies modification needs, as they arise. Through a vast array of experience, a 2,500+ maintenance team and world-class knowledgebase – repairs, alterations, material recommendations and process improvement is our expertise.

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