

# GRINDING MACHINE REMANUFACTURING PROGRAM



Extend the life and performance of your aging Star Cutter grinding machine. When investing in new equipment is difficult to justify, rebuilding can be a smarter, more cost-effective way to maintain productivity and stay competitive.

Star Cutter's Grinding Machine Remanufacturing Program restores your equipment to, and often beyond, original OEM performance levels. By integrating modern control systems along with upgraded mechanical and electrical components, we enhance reliability, improve serviceability, and support long-term, consistent performance.

## WHY REMANUFACTURE YOUR STAR CUTTER GRINDING MACHINE?

- **REDUCED CAPITAL EXPENDITURE:** Remanufacturing leverages the existing machine base, minimizing CapEx while restoring full functional capability.
- **RECOVERY OF OEM PRECISION:** Critical alignments, spindle geometry, linear/rotary axis accuracy, and structural integrity are restored to original (or improved) tolerances.
- **EXTENDED ASSET LIFECYCLE:** Replacement of wear components, rescraping/regrinding of ways, and refurbishment of mechanical assemblies significantly prolong service life.
- **ACCELERATED DEPLOYMENT:** Rebuild timelines are typically shorter than new machine procurement, reducing production disruption and enabling faster return to operation.
- **UPGRADED SYSTEMS ARCHITECTURE:** Modern CNC controls, servo/drive packages, electrical panels, and safety circuits increase reliability, diagnostics capability, and maintainability.
- **LOWER CAPITAL INVESTMENT:** Remanufacturing typically costs up to 40% less than purchasing new equipment.



## GRINDING MACHINE REMANUFACTURING PROGRAM

The Star Cutter remanufacturing program is built around three tiers of restoration, allowing you to match your investment to the machine's condition, production requirements, and long term strategy. Whether you need to modernize outdated controls, restore mechanical accuracy, or full rebuild, our structured approach delivers a predictable scope, consistent performance, and reliable results.

### TIER 1 Control & Essential Restoration

*Ideal for machines facing control obsolescence or electrical reliability concerns.*

- Electrical system update
- Targeted mechanical repairs
- Control System update to latest NUM/NUMROTO
- Baseline testing & factory certification

### TIER 2 Enhanced Mechanical Refurbishment

*Includes Level 1 upgrades plus inspection-driven mechanical rebuild packages.*

- Replacement of all major wear components
- Spindle service, repair, or full rebuild as required
- Refresh and optimization of hydraulic and lubrication systems
- Precision alignment and full calibration
- Baseline testing & factory certification

### TIER 3 Full Remanufacture

*A comprehensive teardown and rebuild delivering OEM-level, or better, performance.*

- Full machine disassembly & documentation
- Complete removal of mechanical, electrical & fluid system components
- Deep cleaning and thorough inspection of all parts
- Refurbishment or replacement of components
- Precision reassembly, alignment, and calibration
- Baseline testing & factory certification

For customers interested in adding automation, Star Cutter can recommend and integrate an optional automation package as part of the Tier 3 rebuild scope.

We don't just repair the machine; we rebuild it for long-term performance. Each project begins with a detailed evaluation of the machine condition, service history, and your production requirements to ensure a clearly define scope of work, accurate quoting, and a predictable path to restored performance.



## Ready for New? Let's Talk Trade-In.

If a full remanufacture isn't the right fit, Star Cutter offers a seamless upgrade path. We'll evaluate the condition of your existing Star Cutter or Tru Tech grinding machine and provide a competitive trade in value that can be applied toward a new Star Cutter grinding machine.

It's a smart way to unlock the remaining value in your current equipment while stepping into the latest technology, performance, and capability.

## Your Next Step Starts Here

Whether you're looking to restore and modernize your existing machine or upgrade to the latest grinding technology, Star Cutter offers a clear path forward.

Rebuild, Remanufacture, or Trade Up. The right solution starts with a conversation.

**Contact Star Cutter to schedule your machine evaluation today.**



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