

Accu-Finish®

SHARPEN · MAKE · MODIFY

A tool that has lost its edge usually ends up tossed aside, right? Waste no more — sharpen edges to "better than new," make custom parts from worn tools, and modify almost any tool, as needed, with Accu-Finish."

Some tools are costly, others a dime a dozen.

Get the most of materials, time, and money with Accu-Finish®.

Top 8 Benefits For Machinists

1. SHARPEN WITH NO HEAT

Your tools will benefit from no-heat sharpening with longer life, better performance, and no loss of temper or strength.

2. SAVE MONEY

Resharpen a tool even one time and the tool cost is cut in half. Resharpen and reuse again to save even more. Accu-Finish® means money in your pocket.

3. HONE SHARPER EDGES

Want ultra-fine boring, plastics machining, micro-finishing, or the ability to utilize difficult workpieces? Make impossible jobs possible — it's as easy as Accu-Finish®.

4. IMPROVE FINISHES

Create a mirror finish in seconds! Tools gain lowered cutting forces and reduced built-up edges. Significantly improve tools with simple and fast geometry changes, such as adding a wiper edge.

5. ELIMINATE CHATTER

Silence, tools! Chatter is often caused by tool geometry or finish. Optimize turning tools, boring tools, and more in seconds. Instead of chatter controlling the machine operation, the operator stays in control.

6. GET PRECISE GEOMETRY

Set compound angles for the precise tool geometry you want using Accu-Finish. The built-in scales are so accurate and easy to read, tools will pass inspection **the first time**.

7. MAKE CUSTOM TOOLS

Get the custom tool you need for any project, schedule, or budget.

8. UTILIZE A VARIETY OF MATERIALS

Accu-Finish® can whip carbide, ceramic, cermet, highspeed steel, and even some PCD/CBN tools right into shape.



GRIND-R-TABLE



GRIND-R-TABLE

Constructed from solid steel, this heavyduty tool rest fits most 6-inch, 7-inch, or 8-inch bench grinders.

PRODUCT \\ • Grind-R-Table INCLUDES // • QuickMount Base

• Protractor T-Slide



SPECIAL PACKAGE

Mount an existing bench grinder to the Heavy Steel Base Plate with two Grind-R-Tables for the most accurate rough possible.

PRODUCT \\ • Grind-R-Table (Qty: 2) INCLUDES // • Heavy Steel Base Plate



#001-696 \$316.0

Rough tools quickly with a Baldor Bench Grinder before finishing on a

Series ONE or Series II from Accu-Finish®.

PRODUCT \\ • Baldor 7-Inch Grinder INCLUDES // Basic Wheel (Qty: 2)



TWIN-TABLE PACKAGE

Get a complete setup ready for grinding compound tool angles and closer tolerances for finer parts. Use the Baldor 7-Inch Grinder to rough shape or remove tool damage.

PRODUCT \\ • Baldor 7-Inch Grinder INCLUDES // • Grind-R-Table (Qty: 2)

• Heavy Steel Base Plate

• Basic Wheel (Qty: 2)

Equip grinder with BG Diamond Wheels for the most accurate rough possible.

ROUGH WHEELS



BG DIAMOND WHEELS

BG Diamond Wheels are affordable and long lasting. These wheels stay flat without grooving or needing dressing. Accu-Finish® wheels grind cooler than other wheels and handle carbides, ceramics, and cermets. For use up to 3600 RPM. Size: 6" O.D. x 1".

ľ	TEM	GRIT	PRICE
#0	01-328	60	\$283.00
#0	01-329	80	\$251.00
#0	01-330	100	\$234.00
#0	01-331	180	\$191.00
#0	01-332	220	\$182.00
#0	01-333	360	\$165.00
#0	01-372	600	\$153.00

CHOOSE AN ARBOR

When ordering a wheel, please specify arbor size to complete the wheel.

ITEM	SIZE	PRICE
#001-334	1/2"	\$12 .70
#001-335	5/8"	\$ 12 .45
#001-336	3/4"	\$ 13 .25



T-6 WHEELS FOR DOUBLE-END TOOL GRINDERS

T-6 Wheels feature a diamond surface and a solid steel core. Fits standard 3.25" bolt circle with 1.25" pilot hole. Size: 6" 0.D. x 1".

ITEM	GRIT	PRICE
#001-679	60	\$220.00
#001-841	80	\$199.00
#001-666	100	\$286.00
#001-669	360	\$192.00



5" DIAMOND WHEELS FOR MAGNETIC-MOUNT OSCILLATING GRINDERS

These diamond wheels fit the original Leonard Grind-R-Lap and many similar low-speed machines, including Cold Grind, K-K Calamar, Enco, Victory, SPI, and more. Your oscillating grinder can sharpen faster and finer with advanced Accu-Finish® Wheels. Made on precision solid steel core. Size: 5" O.D. x 3" I.D.

	ITEM	GRIT	PRICE
4	#001-680	260	\$180.00
	#001-682	600	\$171 .00
	#001-683	1200	\$186.00



Place your order online!

Visit accu-finish.com to find our complete line.



SERIES II





MICROSCOPE PACKAGE

Precision sharpening can be achieved in seconds with the Accu-Finish® Series II, a microscope setup, and diamond wheels. Approximately 135 lb. 110V/120V, 60 Hz: #001-896; Call for pricing on 220V/240V, 50 Hz:

PRODUCT INCLUDES

- Series II Machine
- Diamond Wheels: 360, 600, and 1200 Grit
- Two Insert Holders: 1/8"-3/16" and 3/16"-1/4"
- Heavy-Duty Cabinet for Accu-Finish Series II
- Meiji Microscope with Twin Halogen Lamp Kit



TOTAL PACKAGE

General purpose sharpening is quick and easy with the Accu-Finish® Series II and diamond wheels. Approximately 135 lb. 110V/120V, 60 Hz: #001-831; Call for pricing on 220V/240V, 50 Hz: #001-831-220.

- **PRODUCT** \\ Series II Machine
- INCLUDES // Diamond Wheels: 360 and 600 Grit
 - Ceramic Lap with 1 Micron Diamond Spray
 - Two Insert Holders: 1/8"-3/16" and 3/16"-1/4"
 - Heavy-Duty Cabinet for Accu-Finish Series II
 - Heavy-Duty Lamp Kit



STANDARD PACKAGE

The Accu-Finish® Series II and diamond wheels make for a solid sharpening setup. Approximately 60 lb. 110V/120V, 60 Hz: #001-612; Call for pricing on 220V/240V, 50 Hz: #001-612-220.

- PRODUCT \\ Series II Machine
- INCLUDES // Wheel Rack and 360 Grit Diamond Wheel
 - Ceramic Lap with 1 Micron Diamond Spray
 - Insert Holder: 1/8"-3/16"
 - Heavy-Duty Lamp Kit

SERIES ONE





A great way to start finishing tools today. 110V/120V, 60 Hz: #001-605; 220V/240V, 50 Hz: #001-605-220.

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- **PRODUCT** \\ Series ONE Machine
- INCLUDES // Diamond Wheels: 260, 600, and 1200 Grit
 - Insert Holder: 1/8"-3/16"
 - Wheel Cleaning Stick
 - Spray Bottle



Just getting started? This package covers the basics. 110V/120V, 60 Hz: #001-600; 220V/240V, 50 Hz: #001-600-220.

- Series ONE Machine
- INCLUDES // Diamond Wheel: 600 Grit
 - Wheel Cleaning Stick
 - Spray Bottle



Ideal for those who already own a 5" Diamond Wheel; wheel not included. 110V/120V, 60 Hz: #001-599B: 220V/240V, 50 Hz: #001-599B-220.

INCLUDES // • Wheel Cleaning Stick

- **PRODUCT \\ •** Series ONE Machine
 - Spray Bottle

DIAMOND SPRAY















Visit Accu-Finish.com for technical specifications.

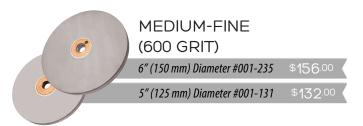
FINISH WHEELS

Diamond wheels with the grit to get the job done.

Accu-Finish® Series Wheels allow you to rough, shape, sharpen, make, modify, and polish the tools you need for any job.

Have questions? Call 800-835-3519











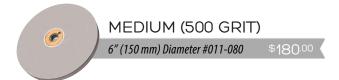






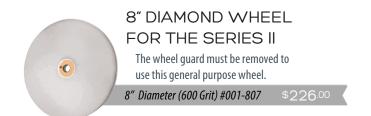
















WHEEL ACCESSORIES



Set of two 600-grit files.



Organize and protect your diamond wheels with this storage rack.



The Wheel Wetting Agent comes as a powdered concentrate that makes 1 gallon per package.

Package of 3: #001-659. Package of 12: #001-660.



Clean dirty wheels with these cleaning sticks.

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FIXTURES



The Accu-Finish® Gun Drill Sharpening System produces sharper and stronger cutting edges that will outperform and last longer than brand new gun drills. The drill's cutting surface can be mirror finished in seconds on the Accu-Finish®. For gun drills up to 1.0" (25.4 mm) diameter.

PRODUCT Series II Machine
INCLUDES Planned Wheeler

Guide Table

• Diamond Wheels: 360 and 600 grit

Gun Drill Sharpening Fixture



The Insert Holder provides an ideal way to hold all shapes of inserts while sharpening the sides, nose, and edges. The holders will save your fingers, letting you do a better job. Use these holders with any Accu-Finish® machine, bench grinder, or double-end tool grinder.



Sharpening gun drills is now an easy step-by-step sequence that will save money and double the life of your gun drill. Built-in slots guide the grinding of each facet while maintaining proper geometry. Fits Series ONE or Series II.

PRODUCT
INCLUDES

• Slotted Gun Drill Table
• Gun Drill Holder
• Mounting Hardware





Collet blocks use any 5c collet (not included) to hold tools precisely centered in the square or hex block. The square block lets you sharpen 2- or 4-flute tools.

The hex fits 2-, 3-, or 6-flute tools. Each block is precision ground from hardened steel and includes a lock nut and wrench. Available in your choice of square (001-881) or hex (001-885) shapes.



The Accu-Finish® table protractor goes up to 75°, but sometimes you need to set greater angles. This solid steel Protractor Extension Arm clamps onto the tool guide for a 90° offset that allows you to set all the angles.

ARM



TOOL STOP GUIDE

The Tool Stop Guide uses an adjustable hard stop to control the amount of material ground from each cutting edge, ensuring that all edges on multiple flute cutters are equal. Use with Collet Blocks (#001-881 or #001-885).



If you don't need in-thecutter-body sharpening, here's a fast, simple, and economical way to sharpen Serdi-style bits on any Accu-Finish® Series ONE or Series II. Rake angle can be adjusted using the Accu-Finish® tool quide.

ACCESSORIES

Have questions? Call 800-835-3519





This microscope system is unique because you can both inspect and work under it. This difference is critical. The large focal length gives you plenty of distance under the microscope for hand tools, power tools, measuring and gauging tools, and more. The stand is steel construction for stable support. Height is easily adjusted from 2.5" (63.5 mm) to 19.5" (495.3 mm). Horizontal arms travel 11" (279.4 mm), allowing exact positioning of the scope above the workpiece.

PRODUCT \\ • Meiji Microscope INCLUDES // ·Stand Headrest

Also Available with the Acrobat[™] Stand.



HAND LOUPE

Triplet 10X, 18 mm lens. High-quality optics allow close inspection of tools and work. Chrome finish, leather case.



The Optiloupe Kit adds an extra 2.5 power to your OptiVISOR and swings away when you don't need it.



\$47.00

\$47.00

\$47.00





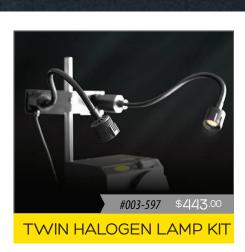
HEAVY-DUTY LAMP KIT FOR ACCU-FINISH® SERIES II

This extra-heavy-duty, UL-listed lamp is rated to a bright 100 watts and provides plenty of work light. An insulated shade keeps the lamp cool on the outside. The sealed 24" flexible neck allows the lamp to provide light where you need it and stays where you put it. A QuickMount bracket is included for easy installation. 110V / 120V, 3-prong grounded plug.



FOR ACCU-FINISH® SERIES ONE

The Compact Lamp Kit has the same construction as the Heavy-Duty Lamp Kit, only smaller. This UL-listed lamp is rated to 40 watts and has an insulated shade to stay cool. The 15" flexible neck is sealed against oil and grit and can be positioned where you need light. The kit includes a hex ferrule with lock nut and washer for easy "panel" mounting. 110V / 120V, 3-prong grounded plug.



Two halogen work lamps allow you to direct light where you need it. Lock the lamp in position or move it from side to side with the microscope. Includes mounting bracket for attachment to the microscope stand.



ON / OFF FOOT SWITCH

Power the machine on and off with both hands free, which is especially useful for horizontal lapping. Comes prewired for standard 3-wire, 110V / 120V grounded outlet. UL listed to 1/2 HP.



MAGNIFIER LAMP

Improve the quality of your sharpening and reduce eye strain. The built-in lens magnifies your work, while the flexible neck allows you to add light and a clear view where you need it. Includes clamp-on mount and 40W bulb.



MICROSCOPE RING LIGHT

The Microscope Ring Light provides cool, glarefree illumination. The circular fluorescent bulb will provide 7,000 hours of lamp life. This lighting fixture is highly recommended for use with the Acrobat™ Stand.



PR88 HAND PROTECTOR

Give your hands convenient protection by applying pr88 Hand Protector before dirty jobs. After the job is done, even the toughest dirt and grime will wash off with ease. It even works on printer's ink and automotive grease. pr88 is non-toxic and kind to your skin with no oily feel.

Most items are also available in 220V models!

The right accessories make any job simple.
Accu-Finish® offers a wide variety of accessories for use with our products. Add foot control, set greater angles, illuminate your space, and magnify your work. We have everything you need to get the job done.

ACCESSORIES

ABOUT





Built for every-day use and constructed with rugged materials, the table is 0.25" aircraft-grade aluminum connected to an adjustable steel arm and a heavy alloy collar. The table pivot can be moved

closer to the post or farther away, as needed for clearance. Includes shelf, shelf bracket, post bracket, shelf bearing, post locking ring, bolts, and hex wrench. Post not included. Ships unassembled.





Mount the Workspace Utility Shelf with this 24" (609.6 mm) post for adjustable height that meets your needs. Includes 1.125" OD stainless steel post with mounting flange base.



Mount your utility shelf to any flat surface with this bracket kit. Utility shelf not included.



This Heavy-Duty Cabinet will turn your Accu-Finish® Series II workstation into an organized sharpening center. The cabinet features pre-drilled holes and includes hardware to make mounting the Series II easy. Built-in slots and plenty of space inside the cabinet provide convenient storage for all your wheels and accessories. Mount the cabinet directly to the floor using the holes in the base, or add the Floor Mounting Plate (see below) for stability. Approximate shipping weight 69 lb. Wheels and accessories not included.



The Accu-Finish® Floor Mounting Plate allows you to add stability and safety without permanently mounting the cabinet to the floor. Adjustable leveling bolts compensate for unlevel floors. Solid steel construction. Complete with mounting hardware. Approximate shipping weight 30 lb.



by Glendo LLC in the United States of America. The Glendo manufacturing facility is located in Emporia, Kansas, in the heart of the Midwest and the majestic Flint Hills.

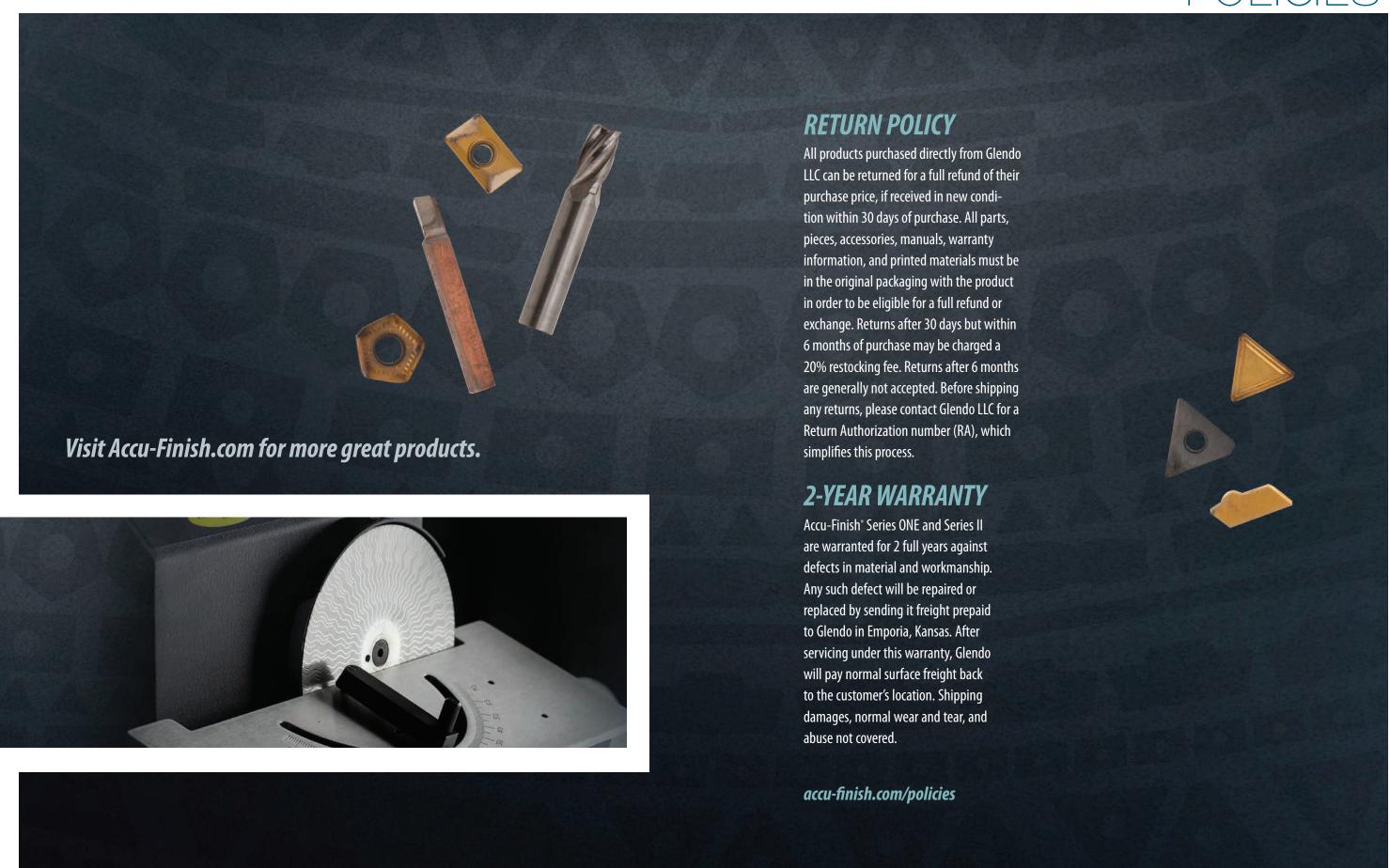
Glendo has built an extraordinary team of manufacturing people and support personnel for Glendo Contract Manufacturing. We provide production machining, prototype machining, assembly, design assistance and a variety of related services. For over 25 years Glendo has made a business of exceeding customers' expectations. Our machine operators are technically advanced and receive ongoing education at training facilities around the U.S.

Ready to add Accu-Finish® sharpening systems to your shop? The Accu-Finish® line carries products to make both roughing and finishing an easier, more accurate task.

Start shopping now on accu-finish.com

Visit Accu-Finish.com for technical specifications.

POLICIES



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