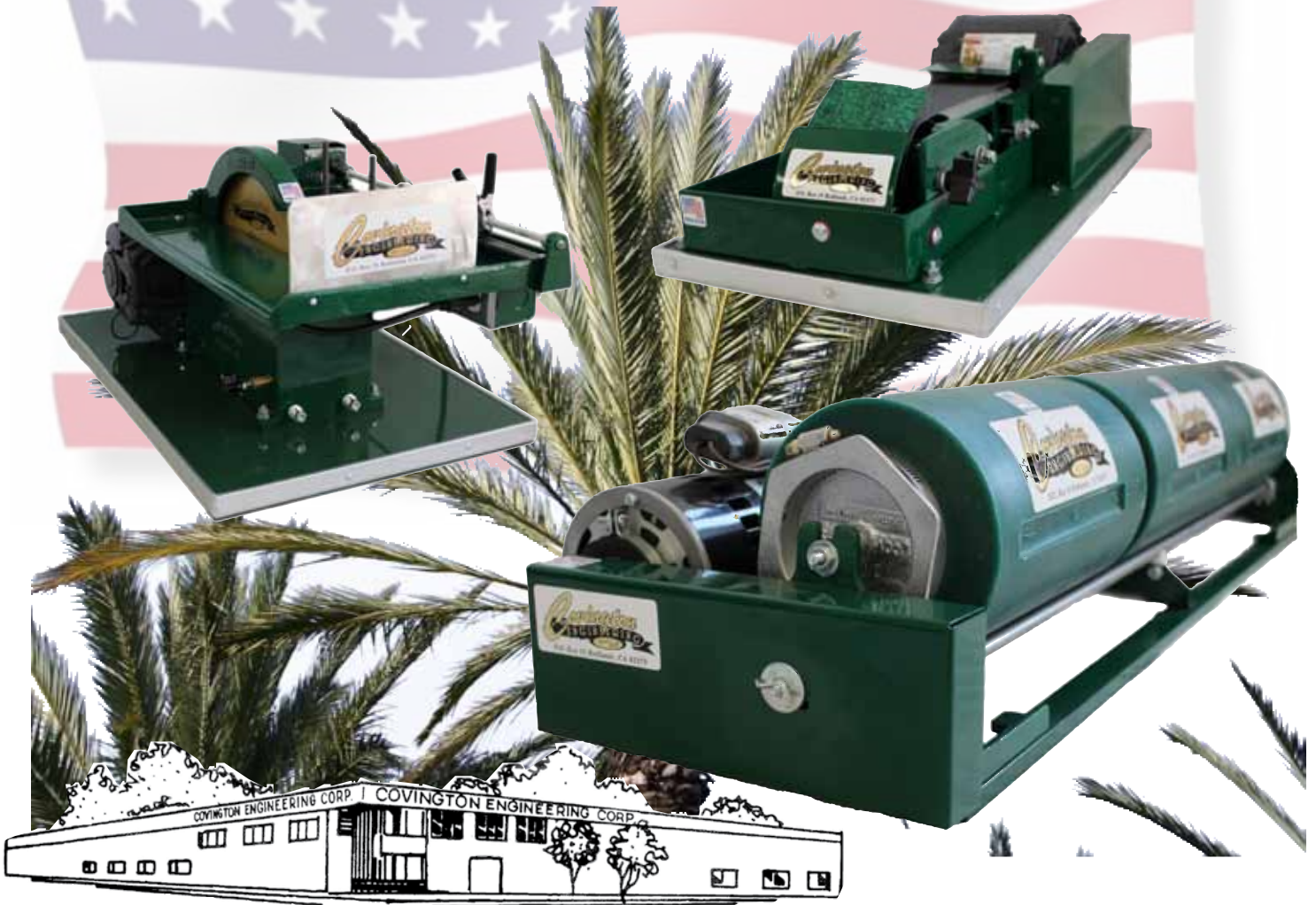


Catalog No. 2012
Cost \$3.00

Covington[®] ENGINEERING Since 1848



Covington Engineering Corporation - Since 1848

***Proudly Made in
Redlands, CA
U.S.A.***

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January 2012

Dear Friends,

As we begin another year here at Covington Engineering, we are delighted to introduce you to some of our newest features. This year we have renovated and updated our catalog to include new machines, all 220V, 50Hz models are now shown, as well as an emphasis on all of our American made products.

This new format allows the reader to see order numbers and prices at a glance, alongside detailed descriptions and color photographs of Covington's products. As always, everything that is powder coated in Covington green continues to be the highest quality, American made glass and lapidary products. It is our goal to continue producing excellent machinery while keeping our prices low. In our ongoing attempts to better our company, you may also be on the look out for an updated and easier to navigate website in spring of 2012 at www.covington-engineering.com.



The world market saw an unexpected rise in the prices of Cerium, Tin, and Chrome Oxides last year. This year, the prices remain high and continue rising as the market scrambles to find sources. We are doing our part to try and keep these prices as low as possible so we can pass our savings onto you. The price quoted on the internet is subject to change mid-year depending on the market for these products. We appreciate your understanding.

Covington Engineering believes in using local companies and foundries to keep business in America. All of our cast iron, and cast aluminum are done locally in an attempt to keep quality high and prices low. We choose to use local steel and aluminum products for building all of our equipment.

This year we are proud to introduces several new products including a 24" Horizontal Grinder/Beveler and new accessories, Heavy Duty Equipment Stands, and a reintroduction of our ever-popular Cork & Felt machines! More extensive details are available in this catalog.

You may have seen my wife and I this year at one or two glass shows. Covington's decided to attend the Glass Craft and Bead Expo in Las Vegas, and BECon in Portland. We are proud to be breaking into the glass art industry and look forward to meeting more customers in the future at these types of shows.

In Closing, Covington Engineering strives to maintain high-quality, American made products. We choose to be environmentally 'green' by reducing waste, reusing where possible, and recycling always.

Covington Engineering: Green since its inception.

Sincerely,

Dan Drouault
President

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Roll-N-Tumble Gem Tumbler

Roll-N-Tumble Gem Tumbler Features:

- Solid EVA Barrel
- Cast aluminum chassis
- Powder coated frame and belt guard
- Steel support shafts
- DuPont nylon bearings
- Fan cooled motor



253TUM Pictured



259TUM Pictured



255TUM Pictured

Covington's **Rolling Tumblers** are stout American-made machines built to last. These quiet running tumblers utilize raised ridges inside the barrel which prevent sliding and promote a faster grind. The proper rotary speed is preset in factory to ensure maximum abrasion and polishing action. The barrels can be removed easily for inspection or cleaning. All tumbling units ship complete with a belt guard, instructions, and product guarantee.

Model #	Barrel Size	Capacity	Motor	Motor Size	Motor #	Weight	Dimensions	Price
251TUM	Single Gallon	12 lbs.	110V, 60Hz	1/21hp	MTR618	20 lbs.	23" x 14" x 10"	\$325.00
2512TM	Single Gallon	12 lbs.	220V, 50Hz	1/21hp	MTR552	20 lbs.	23" x 14" x 10"	\$335.00
*252TUM	Double Gallon	24 lbs.	110V, 60Hz	1/6hp	MTR580	32 lbs.	30" x 14" x 10"	\$395.00
*253TUM	Triple Gallon	36 lbs.	110V, 60Hz	1/6hp	MTR580	38 lbs.	40" x 14" x 10"	\$480.00
254TUM	Single 1/2-Gallon	6 lbs.	110V, 60Hz	1/21hp	MTR618	18 lbs.	16" x 12" x 10"	\$315.00
2542TM	Single 1/2-Gallon	6 lbs.	220V, 50Hz	1/21hp	MTR552	18 lbs.	16" x 12" x 10"	\$325.00
255TUM	Double 1/2-Gallon	12 lbs.	110V, 60Hz	1/21hp	MTR618	22 lbs.	23" x 14" x 10"	\$385.00
2552TM	Double 1/2-Gallon	12 lbs.	220V, 50Hz	1/21hp	MTR552	22 lbs.	23" x 14" x 10"	\$395.00
*256TUM	Triple 1/2-Gallon	18 lbs.	110V, 60Hz	1/6hp	MTR580	32 lbs.	30" x 14" x 10"	\$470.00
257TUM	Single Quart	3 lbs.	110V, 60Hz	1/21hp	MTR618	15 lbs.	16" x 12" x 10"	\$305.00
2572TM	Single Quart	3 lbs.	220V, 50Hz	1/21hp	MTR552	15 lbs.	16" x 12" x 10"	\$315.00
258TUM	Double Quart	6 lbs.	110V, 60Hz	1/21hp	MTR618	19 lbs.	16" x 12" x 10"	\$375.00
2582TM	Double Quart	6 lbs.	220V, 50Hz	1/21hp	MTR552	19 lbs.	16" x 12" x 10"	\$385.00
259TUM	Triple Quart	9 lbs.	110V, 60Hz	1/21hp	MTR618	22 lbs.	23" x 14" x 10"	\$460.00
2592TM	Triple Quart	9 lbs.	220V, 50Hz	1/21hp	MTR552	22 lbs.	23" x 14" x 10"	\$470.00

*220V, 50Hz models not available



250TUM Pictured

Deluxe Tumbler

Deluxe Tumbler Features:

- Unique 3-way tumbling action
- Solid polyvinyl barrel
- Powder coated cast aluminum chassis
- DuPont nylon bearings
- Fan cooled motor

The Covington **Deluxe Tumbler** features a unique 3-way tumbling action that quickly tumbles material. A Covington exclusive, the hexagonal barrel aids in abrasion by:

- 1.) Tumbling in the bottom corner of the barrel with criss-cross and side-to-side action.
- 2.) Forcing the pieces to change position six times per revolution.
- 3.) Moving a portion of the pieces gently up and down while rotating.

The slanted barrel allows easy access for checking progress. This unit is ideal for tumbling gold and silver castings, glass, and gemstones. The tumbler comes complete with instructions and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
250TUM	110V, 60Hz	MTR618	23" x 14" x 10"	20 lbs.	\$410.00
2502TM	220V, 50Hz	MTR552	23" x 14" x 10"	20 lbs.	\$425.00



40-lb. Production Tumbler



268TUM Pictured

40-lb. Production Tumbler Features:

- 1/3hp motor
- Powder coated steel chassis
- Heavy-duty sealed ball bearings
- Powder coated hexagonal barrel with rubber liner
- Dual driven, rubber covered, 5/8" steel support shafts

The **40-lb. Production Tumbler** is a commercial-sized unit designed for extended heavy use. The tumbler barrel turns on rubber covered roller shafts in an enclosed frame preventing it from falling off the support rods. This unit ships complete with a belt guard, instructions, and product guarantee.

Model #	Description	Motor	Motor #	Dimensions	Weight	Dimensions	Weight	Price
268TUM	40-lb. Production Tumbler	110V, 60Hz	MTR282	25" x 25" x 16"	57 lbs.	16" x 16" x 16"	24 lbs.	\$715.00
2682TM	40-lb. Production Tumbler	220V, 50Hz	MTR409	25" x 25" x 16"	57 lbs.	16" x 16" x 16"	24 lbs.	\$755.00

***Please note that the tumbler barrel and base ship separately**

Replacement Tumbler Parts & Kits



TRK121



DNB012 & FWW912



PUL459



PUL350

Order #	Description	Dimensions	Weight	Price
BAR257	Quart	6" x 4"	4 lbs.	\$58.00
BAR254	1/2-Gallon	6" x 7-1/4"	5 lbs.	\$68.00
BAR251	Gallon	6" x 11-1/2"	6 lbs.	\$78.00
BAR250	250 Deluxe Barrel	23" x 14" x 10"	8 lbs.	\$165.00
BAR268	40-lb. Production	16" x 16" x 16"	24 lbs.	\$375.00
TLB268	40-lb. Liner	16" x 16" x 16"	12 lbs.	\$180.00
BHG268	40-lb. Head Gasket	12" x 12" x 1"	3 lbs.	\$30.00

Tumbler Type	Wear Washer		Nylon Bearing		V-Belt		Motor Pulley		Driven Pulley	
	Order #	Price	Order #	Price	Order #	Price	Order #	Price	Order #	Price
Roll-N-Tumble 1/21hp	FWW912	\$0.35	DNB012	\$1.50	MVB180	\$6.50	PUL459	\$4.95	PUL300	\$7.50
Roll-N-Tumble 1/6hp	FWW912	\$0.35	DNB012	\$1.50	MVB220	\$7.25	PUL098	\$4.25	PUL300	\$7.50
250 Deluxe Tumbler	FWW734	\$0.35	DNB038	\$1.50	MVB200	\$6.50	PUL459	\$4.95	PUL350	\$8.25
*1/21hp Tumbler Kit Includes Washers, Bearings, & V-Belt					TRK121	\$9.25	-	-	-	-
*1/6hp Tumbler Kit Includes Washers, Bearings, & V-Belt					TRK116	\$13.25	-	-	-	-
*250 Tumbler Kit Includes Washers, Bearings, & V-Belt					TRK250	\$13.50	-	-	-	-

***Kits include the correct number of bearings, fiber washers, and a v-belt. Pulleys are not included.**

TIP: Using Old Miser® with your tumbler will save time and money. This compound helps bind grit to the workpiece while prohibiting the water from washing the grit away. This process speeds up the grinding stages and conserves grit. Use 4-teaspoons of Old Miser® per 1-pound of grit. *Note: Do not use Old Miser® during polishing stages.

Small Sphere Machine

Small Sphere Machine Features:

- Dual 1/2hp motors
- Automatic grit application
- Spring loaded cutting head
- Cutting angle adjustment
- Powder coated aluminum castings



382SSM Pictured



**Covington's Small Sphere Machine is an excellent choice for restoring marbles to original condition*

The **Small Sphere Machine** makes spheres from 1/4" to 1" in size. Used for precision, this unit will take your work piece from a rough round shape to a perfect polished sphere. The downward slant of the cutter cups and shafts run the sphere in a continuous bath of grit eliminating the need to constantly dab grit on with a brush, and causing the grit slurry to run away from the bearings. The angle of the cutting cups can be increased as the rough corners of the sphere grind off, while

Model #	Motor	Motor #	Dimensions	Weight	Price
382SSM	110V, 60Hz	MTR618	23" x 14" x 10"	26 lbs.	\$498.75
3822SM	220V, 50Hz	MTR552	23" x 14" x 10"	26 lbs.	\$551.25

a spring loaded head makes continuous adjustment unnecessary. Unit comes complete with one (1) grit pan, instructions, product guarantee, and one pair of 1/4", 3/8", 5/8", and 7/8" cutter cups.



**Large Sphere Machine must ship common carrier. Call for a freight quote today.*

Large Sphere Machine Features:

- Dual 1/3hp motors
- Automatic grit application with slurry bowl
- Spring loaded cutting heads
- Cutting angle adjustment
- Shielded arbor shafts and bearings
- Large powder coated metal cabinet with shelf

The **Large Sphere Machine** makes spheres ranging from 1-1/4" to 9" in size. The downward slant of the shafts run the sphere in a bath of grit, eliminating the need to constantly dab grit on with a brush, and causing the grit slurry to run away from the bearings. The angle of the cutting cups can be increased as the rough corners of the sphere grind off. Both heads are spring loaded, so continuous adjustment is unnecessary. This unit comes complete with two (2)



381LSM Pictured

Model #	Motor	Motor #	Dimensions	Weight	Price
381LSM	110V, 60Hz	MTR916	43" x 19" x 43"	250 lbs.	\$1,895.00
3812LM	220V, 50Hz	MTR916	43" x 19" x 43"	300 lbs.	\$1,937.00

polishing buffs, two (2) grit pans, instructions, product guarantee, and choice of one pair (2) of cutter cups. *Please state cup size when ordering.

Three-Headed Sphere Machine



383TSM Pictured

Three-Headed Sphere Machine Features:

- Three 1/6hp, heavy-duty gear motors
- Available in 110V, 60Hz or 220V, 50Hz
- 161rpm with 60 in-lbs. torque, 220V, 50Hz motor 134rpm
- Each motor is independently mounted on a swivel base
- Stands 36" high with water tower and grit feed
- Heavy steel frame and guides provide years of use

Covington's **Three-Headed Sphere Machine** is capable of making spheres ranging from 2-1/2" to 10" in size. The water supply and grit dispenser are mounted so the sphere can run constantly with a fresh supply of grit and water. All three heads are spring loaded, work independently from one another, and can be quickly adjusted with large spin



**Three-Headed Sphere Machine must ship common carrier. Call for a freight quote today.*

Model #	Motor	Motor #	Dimensions	Weight	Price
383TSM	110V, 60Hz	MTR383	43" x 39" x 21"	255 lbs.	\$2,675.00
3832TM	220V, 50Hz	MTR383	43" x 39" x 21"	305 lbs.	\$2,675.00

handles. Unit comes complete with one (1) grit catch pan, instructions, product guarantee, and choice of one set of three (3) cutter cups. *Please state cup size when ordering.



Sphere Machine Accessories Cast Iron Cutter Cups

Covington's Cast Iron Cutter Cups are designed to



Cutter Cups Pictured
1"-8RH Thread

provide maximum grinding surface contact while allowing for imperfections in the preformed



Cast Iron Cutter Cups

spheres. The soft cast iron material allows the grit to embed itself in the cutter cup, promoting a faster grind. These high quality cups are preferred and used by many lapidary and glass artists.

Made in USA



	Set of 2			Set of 3		
Size	Order #	Weight	Price	Order #	Weight	Price
1"	LSM201	3 lbs.	\$22.00	LSM301	4 lbs.	\$33.00
1-3/8"	LSM202	4 lbs.	\$27.00	LSM302	5 lbs.	\$40.50
2-3/8"	LSM203	5 lbs.	\$33.00	LSM303	9 lbs.	\$49.50
3-3/8"	LSM204	9 lbs.	\$45.00	LSM304	13 lbs.	\$76.50
4-3/8"	LSM205	12 lbs.	\$54.00	LSM305	16 lbs.	\$81.00

All sizes available in 3/4" Pipe Thread at no additional cost

Diamond Cutter Cups

The 4" Diamond Cutter Cups grind faster than conventional silicon carbide cutter cups. The Sintered Diamond Cutter Cups are aggressive without being harsh and accommodate spheres from 3-3/4" to 6-1/2". The Resin Bonded Diamond Cutter Cups provide better control and grind quickly. These are designed for finishing spheres. All cutter cups come with 3/4" National Pipe Thread.

Order #	Resin Bonded Cups	Weight	Price
DC4100	Coarse, Black 100g	2 lbs.	\$60.00
DC4220	Medium, Purple 220g	2 lbs.	\$60.00
DC4320	Medium/Fine, Brown 320g	2 lbs.	\$60.00
DC4600	Fine, Red 600g	2 lbs.	\$60.00
DC4120	Extra Fine, Blue 1200g	2 lbs.	\$60.00

Not available in 1"-8RH National Coarse Thread



Right: Sintered Diamond Cutter Cups
Left: Diamond Cutter Cups



Made in USA

Order #	Sintered Diamond Cups	Weight	Price
DC4405	Coarse, Red 40/50g	3 lbs.	\$125.00
DC4112	Medium, Green 100/120g	3 lbs.	\$125.00
DC4182	Fine, Yellow 180/200g	3 lbs.	\$125.00

Not available in 1"-8RH National Coarse Thread

Sphere Cutting Tool Kit

The Sphere Cutting Tool Kit will make spheres from 1-1/4" to 4" in size. Cups have a 1"-8RH threaded bore to fit horizontal lap arbors. This kit consists of a special splashguard and one (1) each: 1", 1-3/8", and 2-3/8" cutter cups. Sphere cutting on this unit is simple, just hold the rough sphere with a gloved hand and grind



SCK339

it on the proper size sphere cutter cup.

Made in USA



Sphere Machine Tools



SMT001



Made in USA



SAC001



Left: Sphere Cutting Tool Kit Shown on #350TSL (Not Included)

Order #	Dimensions	Weight	Price
SCK339	10" x 10" x 4"	9 lbs.	\$73.50

PTA383

- #PTA383: Set of three (3) adapters convert 1"-8RH thread to 3/4" pipe thread.
- #PTS381: Set of two (2) shafts convert 1"-8RH thread to 3/4" pipe thread.
- #SAC001: Set of three (3) angle cutters for holding cubed rock from 2-1/2" to 6".
- #SMT001: Set of eight (8) templates to pre-mark stones for an easy to follow guide. 1/2" increments from 2" to 5-1/2".

Order #	Description	Weight	Price
SMT001	Set of 8 Templates	4 lbs.	\$15.75
SAC001	Set of 3 Angle Cutters	5 lbs.	\$29.00
PTA383	Shaft Adapter for #383TSM	4 lbs.	\$52.50
PTS381	Replacement Shafts for #381LSM	5 lbs.	\$35.00



PTS381

Small Sphere Machine Cutter Cups

Small Sphere Machine Cutter Cups are manufactured at the Covington facility.

Made in USA



Order #	Size	Weight	Price
SSM001	1/4"	1 lb.	\$5.00
SSM002	3/8"	1 lb.	\$5.50
SSM003	5/8"	1 lb.	\$6.00
SSM004	7/8"	1 lb.	\$6.50
SSM005	Set of 2 ea.	1 lb.	\$20.50

Wet Belt Sander & Polisher



Wet Belt Sander Features:

- Unobstructed access to work area
- Quick change belt system
- Upright bearing support casting mounted on a cast aluminum tank or a heavy 16-gauge steel tank
- All sanders are available in 220V, 50Hz for use outside of the United States
- Powder coated hood, base, and bearing support
- Single control alignment to keep belt running true
- Shielded bearings, double sealed and greased for life
- Adjustable back plate sands flat surfaces

The **#764 Large Basic Wet Belt Sander** is a “build-your-own” style machine designed to save money while maintaining quality. This affordable unit is an excellent choice for those who already own a motor and are interested in creating their own sander. This sander uses 3” x 41-1/2” size belts. This unit ships complete with a product guarantee. *Please note that this model is sold without a motor, base, belt guard, water valve, and spray nozzle.



764WBS Pictured

The **#464 Basic Wet Belt Sander** is a “build-your-own” style machine designed to save money while maintaining quality. This affordable unit is an excellent choice for those who already own a motor and are interested in creating their own sander. This sander uses 3” x 24” size belts. This unit comes complete with a product guarantee. *Please note that this model is sold without a motor, base, belt guard, water valve, and spray nozzle.



464WBS Pictured



466WBS Pictured

The **#466 Mounted Wet Belt Sander** has 6” of workspace and is designed to sand, grind, and polish small items. This sander comes complete with a 1/3hp motor and belt guard mounted on a rustproof aluminum-topped Lam-I-Cushion base, instructions, and product guarantee. A water valve and spray nozzle are built in for easy hookup.

The water valve takes 1/4” OD plastic tubing for gravity water flow or 1/4” copper tubing for pressure systems. This model ships with the motor attached, ready to plug in and operate.

The **#760 Commercial Wet Belt Sander** is designed for production type work. 3” x 41-1/2” size belts provide greater sanding surface and an extended belt life. This unit comes complete with a 4” high back plate, 1/3hp motor, belt guard, rustproof aluminum-topped Lam-I-Cushion base, instructions and product guarantee. A water valve and spray nozzle are built in for easy hookup. The water valve takes 1/4” OD plastic tubing for gravity water flow or 1/4” copper tubing for pressure systems. This sander ships with the motor attached, ready to plug in and operate.



760WBS Pictured



761WBS Pictured

The **#761 Deluxe Commercial Wet Belt Sander** is designed for high production work. This machine sands, grinds, and polishes large or heavy pieces. The deluxe sander is equipped with a 1/2hp motor, a 13” high back plate, a 4” high back plate, belt guard, instructions, and product guarantee. A water valve and spray nozzle are built in for easy hookup. The water valve takes 1/4” OD plastic tubing for gravity water flow or 1/4” copper tubing for pressure systems. The 13” high back plate makes it possible to wet sand flat surfaces vertically. This unit ships with the motor attached, ready to plug in and operate.

TIP: Covington’s Pressure Tank is an excellent resource for holding water. The tank hooks up to the water valve and supplies fresh water to the sanding unit. Alternately, Covington’s Submersible Pump is a low cost option for recirculating your water supply. Just attach plastic tubing to the water valve and sander tank drain and submerge the pump in a bucket of water.



Wet Belt Sander & Polisher

The #460 **Horizontal Wet Belt Sander** is designed for grinding flat surfaces such as tiles. This sander uses 3" x 25-7/32" sanding belts and comes complete with a 1/3hp motor mounted on a rustproof aluminum-topped Lam-I-Cushion base, a water valve and spray nozzle for water supply hook up, 3" x 6" backing plate, instructions, and product guarantee. This machine ships with the motor attached, ready to plug in and operate.



460WBS Pictured

The #762 **Commercial Horizontal Wet Belt Sander** is designed for large production work. This sander comes complete with a 1/2hp, motor mounted on a rustproof aluminum-topped Lam-I-Cushion base, instructions, and product guarantee. The supported back plate gives user a 3" x 13" working space for grinding long flat surfaces. This



762WBS Pictured

wet belt sander uses 3" x 41-1/2" sanding belts increasing grinding surface and extending belt life. This model ships with the motor attached ready to plug in and operate.

The #465 **Combination Wet Belt Sander and Muslin Buff Polisher** is designed for working with plastics and jewelry. This combination sander comes complete with a dual shafted 1/3hp motor and belt guard mounted on a rustproof aluminum-topped Lam-I-Cushion base, instructions, and product guarantee. A water valve and spray nozzle are built in for easy hookup. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. With 6" of belt workspace and a polish arbor that mounts two (2) 6" muslin buffs, this sander will grind and polish a stone, as well as burnish a metal setting, making this model an ideal fit for jewelry designers.



465WBS Pictured

***NOTE:** Covington's Horizontal Sanders are designed for heavy grinding purposes. It is difficult to polish on these units as the belt runs very close to the bottom of the pan.*

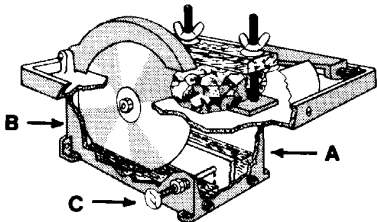
Wet Belt Sander & Polisher						
Description	Model #	Motor	Motor #	Dimensions	Weight	Price
Basic Wet Belt Sander	464WBS	-	-	12" x 10" x 16"	18 lbs.	\$399.00
Large Basic Wet Belt Sander	764WBS	-	-	18" x 12" x 25"	28 lbs.	\$549.00
Mounted Wet Belt Sander	466WBS	110V, 60Hz	MTR282	25" x 13" x 20"	45 lbs.	\$535.00
Mounted Wet Belt Sander	4662WS	220V, 50Hz	MTR409	25" x 13" x 20"	45 lbs.	\$577.00
Combo Sander & Muslin Buff Polisher	465WBS	110V, 60Hz	MTR465	25" x 13" x 20"	50 lbs.	\$625.00
Combo Sander & Muslin Buff Polisher	4652WS	220V, 50Hz	MTR465	25" x 13" x 20"	50 lbs.	\$667.00
Commercial Wet Belt Sander	760WBS	110V, 60Hz	MTR282	27" x 27" x 14"	52 lbs.	\$746.25
Commercial Wet Belt Sander	7602WS	220V, 50Hz	MTR409	27" x 27" x 14"	52 lbs.	\$788.25
Deluxe Commercial Wet Belt Sander	761WBS	110V, 60Hz	MTR199	27" x 27" x 14"	67 lbs.	\$866.25
Deluxe Commercial Wet Belt Sander	7612WS	220V, 50Hz	MTR199	27" x 27" x 14"	67 lbs.	\$908.25
Horizontal Wet Belt Sander	460WBS	110V, 60Hz	MTR282	12" x 24" x 10"	43 lbs.	\$561.25
Horizontal Wet Belt Sander	4602WS	220V, 50Hz	MTR409	12" x 24" x 10"	43 lbs.	\$603.25
Commercial Horizontal Wet Belt Sander	762WBS	110V, 60Hz	MTR199	24" x 24" x 12"	70 lbs.	\$892.50
Commercial Horizontal Wet Belt Sander	7622WS	220V, 50Hz	MTR199	24" x 24" x 12"	70 lbs.	\$934.50



8" & 10" Trim Saw

Trim Saw Features:

- Cross feed permits 3-1/2" of material to be slabbed without reclamping
- Bulldog vise grip holds all rock shapes and swings away for hand trimming
- Hold down hook runs under the tabletop so work piece can't climb blade or jam
- 1/3hp motor mounts directly on back of tank casting
- Front shield protects operator from cutting waste
- 5/8" steel arbor shaft
- Covington Gold Series blade



Koolerant Kontrol Feature

"Koolerant Kontrol" valve which virtually eliminates splash. Valve "C" adjusts the flow from reservoir "A" into blade compartment "B" to maintain proper coolant levels. Excess coolant from cutting area returns to the reservoir. Twin drains allow easy cleaning of sump. Weight feed accessories include nylon cord and scale to determine weight on vise feed. All units ship assembled with motor, operating instructions, and product guarantee. Covington's "Complete" unit includes an aluminum-topped Lam-I-Cushion base, power feed, and hood. The hood ships separately.



1510TS Complete
Pictured Less Hood

Model #	Motor	Motor #	Dimensions	Weight	Weight Feed	Power Feed	Base	Hood	Complete
1508TS	110V, 60Hz	MTR282	28" x 18" x 15"	60 lbs.	\$745.00	\$870.00	\$52.50	\$99.00	\$970.00
15082S	220V, 50Hz	MTR409	28" x 18" x 15"	60 lbs.	\$787.00	\$912.00	\$52.50	\$99.00	\$1,012.00
1510TS	110V, 60Hz	MTR282	28" x 18" x 15"	60 lbs.	\$760.00	\$885.00	\$52.50	\$99.00	\$995.00
15102S	220V, 50Hz	MTR409	28" x 18" x 15"	60 lbs.	\$802.00	\$927.00	\$52.50	\$99.00	\$1,037.00

8" & 10" Glass Trim Saw



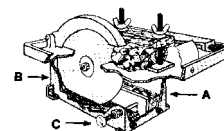
5110TS Pictured

Glass Trim Saw Features:

- Adjustable blade guard
- Neoprene sealed ball bearings, greased for life
- Powder coated tank, table top, and blade guard
- 1/3hp motor mounts directly on back of tank casting
- Choice of Covington's Platinum 1000 Series or Covington's Platinum Glass blade



The 8" and 10" Glass Trim Saws produce smooth clean cuts with minimal chipping and a prolonged blade life. Open table space permits ample room for free trimming. All glass trim saws feature Covington's unique "Koolerant Kontrol" valve which virtually eliminates splash. Valve "C" adjusts the flow from reservoir "A" into blade compartment "B" to maintain proper coolant levels.



Koolerant Kontrol Feature

Model #	Blade #	Motor	Motor #	Dimensions	Weight	Price
5008TS	CP1080	110V, 60Hz	MTR282	28" x 18" x 15"	60 lbs.	\$725.00
50082S	CP1080	220V, 50Hz	MTR409	28" x 18" x 15"	60 lbs.	\$767.00
5010TS	CP1010	110V, 60Hz	MTR282	28" x 18" x 15"	60 lbs.	\$750.00
50102S	CP1010	220V, 50Hz	MTR409	28" x 18" x 15"	60 lbs.	\$792.00
5110TS	CPG215	110V, 60Hz	MTR282	28" x 18" x 15"	60 lbs.	\$775.00
51102S	CPG215	220V, 50Hz	MTR409	28" x 18" x 15"	60 lbs.	\$817.00

Excess coolant from cutting area returns to the reservoir. Twin drains permit quick cleaning of sump. All units ship fully assembled with a diamond blade, aluminum-topped Lam-I-Cushion base, 1/3hp motor, Koolerant Kontrol valve, operating instructions, and product guarantee.

Saw Size Chart

Chart determines the saw size required to cut rough rock. These recommendations are made to allow the most efficient cutting while offering the longest blade life. Larger rocks than those specified can be cut, but the surface area of the blade will receive greater wear.

Rock Diameter	Blade Diameter	Rock Diameter	Blade Diameter
Up to 2"	6" to 8"	3" to 7"	18"
Up to 3"	10"	3" to 8"	20"
3" to 4"	12"	3" to 10"	24"
3" to 5"	14"	3" to 12"	30"
3" to 6"	16"	3" to 15"	36"



Plexiglas™ Hood

Covington's Trim Saw Hood is designed to fit inside the 8" and 10" trim saw table edge and set into place, no drill holes required. The clear Plexiglas™ design makes viewing and trimming easy. Roomy hand holes on each side provide ample room for free cutting movement. This hood helps reduce splash and minimize misting.



TSH164 Pictured

Order #	Dimensions	Weight	Price
TSH164	20" x 14" x 12"	8 lbs.	\$99.00
TSH165	20" x 14" x 12"	8 lbs.	\$99.00

*Model #TSH164 is designed for use on Trim Saw Model #1508TS and #1510TS.

*Model #TSH165 is designed for use on Glass Trim Saw Model #5008TS, #5010TS and #5110TS.



10" Trim Saw Kit

10" Trim Saw Kit Features:

- Cast aluminum table and blade guard
- Sealed ball bearing arbor
- Splash shield



TSK186 Pictured



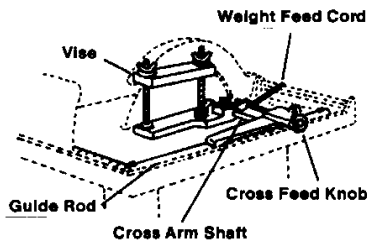
CAR13R Pictured

The 10" Trim Saw Kit is a low cost alternative to buying a complete trim saw. This unit is a "build-your-own" style kit that requires the user to construct a saw box and assemble the pieces. The kit includes a 16" x 10-1/2" cast aluminum table, blade guard, splash shield, Covington's #CAR13 x 5/8" RH arbor which mounts to the underside of the table,

instructions, and product guarantee. Motors, pulleys, belts, and blades can be ordered elsewhere in this catalog. Refer to the index for locations and prices.

Order #	Dimensions	Weight	Price
TSK186	18" x 14" x 8"	11 lbs.	\$175.00

Trim Saw Vise & Cross Feed Kit



TSV159 Pictured

scales. *Please note that this kit does not fit on #TSK186.

The Trim Saw Vise and Cross Feed is designed to slab small work samples. The vise jaws hold up to a 3-1/2" rock and will grip the work piece without blocks or shims. The cross feed adjusts 3-1/2" before stone must be repositioned in the vise. The end of the cross arm shaft has a "no bind" roller bearing and hook which ensures a smooth feed and prevents rocks from "riding up" the blade. This kit comes complete with a vise assembly, cross arm shaft, cross feed, knob, weight feed cord, and



Order #	Dimensions	Weight	Price
TSV159	13" x 10" x 6"	6 lbs.	\$145.00



6" Trim Saw & Grinder

The Mounted 6" Saw and Grinder is designed to cut and grind small gemstones. This unit ships complete with a 1/3hp motor, switch cord, 6" Covington Gold Series diamond blade, a 6" x 1/2" silicon carbide grinding wheel (100g), instructions, and product guarantee. The blade and wheel are easy to change, and an adjustable guard fits both.



TSV695 Pictured



497FSM Pictured

The Trim Saw Vise is designed to work on the model #457, #494, #495, #496, & #497. The vise opens up to 1-5/8" and firmly grips rock.

Model #	Motor	Motor #	Dimensions	Weight	Price
497FSM	110V, 60Hz	MTR282	24" x 12" x 10"	37 lbs.	\$409.00
4972FM	220V, 50Hz	MTR409	24" x 12" x 10"	37 lbs.	\$451.00



Order #	Dimensions	Weight	Price
TSV695	6" x 5" x 5"	2 lbs.	\$36.50



Carriage Slab Saw Kits

**All Carriage Slab Saw Kits must ship common carrier. Call for a freight quote today.*



SSK717 Pictured

The Carriage Slab Saw Kit is a “build-your-own” style unit that requires the user to construct a tank. This kit comes complete with a saw frame, carriage and vise assembly, arbor, blade guard, rock catcher, and choice of weight or power feed. The carriage assembly ships mounted on the guide ways within the saw frame. *Please note that this unit is sold without a saw tank, motor, or blade.

Order #	Saw	Blade Size	Arbor Size	#2 Vise	Required hp	Dimensions	Weight	Weight Feed	Power Feed
SK1100	1172CS	12", 14", 16"	5/8"	7"	1/2	37" x 26" x 15"	50 lbs.	\$925.00	\$1,110.00
SSK703	703HDS	18"	1"	9"	1/2	41" x 39" x 18"	215 lbs.	\$1,750.00	\$2,012.50
SSK707	707HDS	20"	1"	10"	3/4	43" x 39" x 18"	225 lbs.	\$2,000.00	\$2,262.50
SSK712	712HDS	24"	1"	12"	1	60" x 39" x 20"	235 lbs.	\$2,500.00	\$2,762.50
SSK717	717HDS	24"	1"	18"	1	60" x 39" x 20"	240 lbs.	\$2,750.00	\$3,012.50
SSK198	198HDS	30"	1"	18"	1-1/2	67" x 40" x 20"	360 lbs.	\$3,275.00	\$3,590.00
SSK199	199HDS	36"	1"	26"	2	89" x 48" x 20"	600 lbs.	\$5,500.00	\$5,815.00

Heavy-Duty Slab Saw

Heavy Duty Slab Saws Feature:

- Powder coated, heavy welded, steel chassis
- Separately welded frame eliminates warping
- Six-speed power feed with automatic shut-off
- Quick return system allows carriage to be manually returned to any position
- Over-running clutch automatically adjusts from soft to hard rock
- Cross feed permits 8" of material to be slabbed without reclamping
- One piece arbor and flange mounted in housing
- Heavy-duty ball bearings, neoprene sealed, and greased for life
- Completely assembled with vise, motor, and Covington's Best Diamond Blade
- One-piece vise carriage mounted on a solid key stock with channel guide provides rigidity and strength for fast cuts with heavy loads



717HDS Pictured

**All Heavy Duty Slab Saws must ship common carrier. Call for a freight quote today.*

Model #	Description	Motor	Motor #	hp	#2 Vise	Blade	Dimensions	Weight	Price
703HDS	18" Slab Saw	110V, 60Hz	MTR199	1/2	9"	CP3118	41" x 39" x 49"	325 lbs.	\$4,300.00
7032HS	18" Slab Saw	220V, 50Hz	MTR199	1/2	9"	CP3118	41" x 39" x 49"	375 lbs.	\$4,500.00
707HDS	20" Slab Saw	110V, 60Hz	MTR376	3/4	10"	CP3120	43" x 39" x 49"	345 lbs.	\$4,600.00
7072HS	20" Slab Saw	220V, 50Hz	MTR376	3/4	10"	CP3120	43" x 39" x 49"	395 lbs.	\$4,800.00
712HDS	24" Slab Saw	110V, 60Hz	MTR321	1	12"	CP3324	60" x 39" x 54"	395 lbs.	\$5,750.00
7122HS	24" Slab Saw	220V, 50Hz	MTR409	1	12"	CP3324	60" x 39" x 54"	445 lbs.	\$6,050.00
717HDS	24" Slab Saw	110V, 60Hz	MTR321	1	18"	CP3324	60" x 39" x 54"	425 lbs.	\$5,950.00
7172HS	24" Slab Saw	220V, 50Hz	MTR409	1	18"	CP3324	60" x 39" x 54"	475 lbs.	\$6,250.00
198HDS	30" Slab Saw	110V, 60Hz	MTR198	1-1/2	18"	CP3330	67" x 40" x 60"	675 lbs.	\$8,250.00
1982HS	30" Slab Saw	220V, 50Hz	MTR198	1-1/2	18"	CP3330	67" x 40" x 60"	775 lbs.	\$8,400.00
199HDS	36" Slab Saw	*220V, 60Hz	MTR107	2	26"	CP3336	89" x 48" x 63"	1200 lbs.	\$12,000.00
1992HS	36" Slab Saw	220V, 50Hz	MTR107	2	26"	CP3336	89" x 48" x 63"	1300 lbs.	\$12,300.00

**United States model is sold in 220V, 60Hz only*

#2 Rigid Grip Slab Saw Vise



SSV717

This book-end type vise holds work pieces of any shape tightly, but quick-release feature allows an easy, no-bind return. The steel jaw tongue contacts the full length of the vise, holding the jaw square so it can't bind. The end grips have a hardwood facing. A cross shaft is included with each vise.

Order #	Vise Size	Weight	Price	Order #	Vise Size	Weight	Price
SV1132	5"	20 lbs.	\$259.00	SSV707	10"	40 lbs.	\$475.00
SV1152	6"	22 lbs.	\$269.00	SSV712	12"	45 lbs.	\$525.00
SV1172	7"	24 lbs.	\$279.00	SSV717	18"	55 lbs.	\$575.00
SSV703	9"	35 lbs.	\$425.00	SSV199	26"	75 lbs.	\$900.00



CSD717 Pictured

* Order a dolly with your saw and they will ship together in the same crate and save on shipping costs

Heavy Duty Slab Saw Dolly

Slab Saw Dollies are designed for easy movement of saw. They come with two locking swivel wheels and two stationary wheels for easy saw manipulation.

CSD717 Shown With 717HDS (Slab Saw Not Included)

Order #	Description	Dimensions	Weight	Price
CSD110	Saw Dolly for 1100 Series	37" x 26" x 8"	60 lbs.	\$100.00
CSD703	Saw Dolly for 703HDS	41" x 39" x 10"	70 lbs.	\$140.00
CSD707	Saw Dolly for 707HDS	43" x 39" x 10"	70 lbs.	\$150.00
CSD717	Saw Dolly for 712HDS & 717HDS	60" x 39" x 10"	80 lbs.	\$175.00
CSD198	Saw Dolly for 198HDS	67" x 40" x 10"	100 lbs.	\$200.00
CSD199	Saw Dolly for 199HDS	89" x 48" x 20"	140 lbs.	\$300.00



Combination Slab Saw

Combination Slab Saws Feature:

- 1/2hp motor; ships separately
- Power feed option available
- Sawmill type carriage glides on steel ways
- 4" cross feed adjusts 1/16" per turn for uniform slabbing
- Weight feed action utilizes scales, cord, and weight
- Light enough to be moved easily, yet heavy-duty enough for everyday use
- Easily converts from slab saw to trim saw with drop-in table
- Rigid grip vise: steel jaw tongue contacts full length of vise, holding jaw square so it can't bind



1172CS Pictured

Order #	Description	Dimensions	Weight	Price
SLS184	Leg Stand	36" x 15" x 5"	27 lbs.	\$175.00

1172CS Pictured Complete with Leg Stand



*All Combination Slab Saws must ship common carrier. Call for a freight quote today.

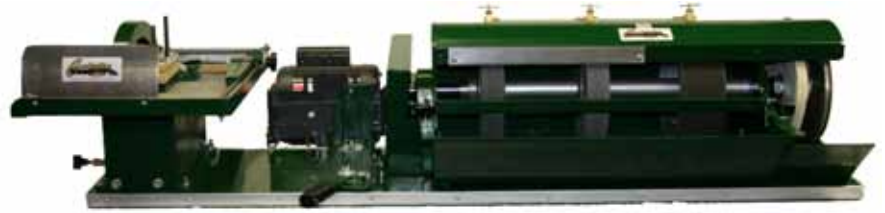
Model #	Description	#2 Vise	Motor	Motor #	Blade	Dimensions	Weight	Weight Feed	Power Feed	Complete
1132CS	12" Saw	5"	110V, 60Hz	MTR199	CP3112	37" x 26" x 26"	135 lbs.	\$1,725.00	\$1,910.00	\$2,035.00
11322S	12" Saw	5"	220V, 50Hz	MTR199	CP3112	37" x 26" x 26"	135 lbs.	\$1,767.00	\$1,952.00	\$2,077.00
1152CS	14" Saw	6"	110V, 60Hz	MTR199	CP3114	37" x 26" x 26"	135 lbs.	\$1,800.00	\$1,985.00	\$2,110.00
11522S	14" Saw	6"	220V, 50Hz	MTR199	CP3114	37" x 26" x 26"	135 lbs.	\$1,842.00	\$2,027.00	\$2,152.00
1172CS	16" Saw	7"	110V, 60Hz	MTR199	CP3116	37" x 26" x 26"	135 lbs.	\$1,875.00	\$2,060.00	\$2,185.00
11722S	16" Saw	7"	220V, 50Hz	MTR199	CP3116	37" x 26" x 26"	135 lbs.	\$1,917.00	\$2,102.00	\$2,227.00

Motor ships separately in 14" x 11" x 10" box



8" Deluxe Combination Unit

With 10" Trim Saw & Diamond Blade



446DSC Pictured with Weight Feed Option

8" Deluxe Combination Unit Features:

- Five work stations
- Adjustable cab and wheel rest
- 1/3hp, heavy-duty, high torque motor
- Metal cabinet stand (optional)
- Levermatic speed control with 8 rpm-changes
- Powder coated aluminum castings, hood, and belt guard
- Two drive motors, one for the saw and one for the grinder
- Power feed saw option is available on all 8" Deluxe Combination Units

**All 8" Deluxe Combination Units must ship common carrier. Call for a freight quote today.*

Enjoy the convenience of finishing gemstone material on one machine with Covington's 8" Deluxe Combination Unit. Two motors drive the 10" trim saw and grinding station separately.

The #446 8" Deluxe Silicon Carbide Unit is a lower cost option that comes complete with levermatic speed control, two (2) 8" x 1-1/2" silicon carbide grinding wheels (100g & 220g), one (1) 8" lever lock drum with silicon carbide sand cloth (400g), one (1) 8" muslin buff, one (1) 8" x 1"-14RH aluminum head with leather disc attached, sample kit (#1 Koolerant, polish powder, brush, dop sticks, and wax), instructions, and product guarantee. A 1/3hp motor drives the saw and a 1/3hp high-torque motor drives the grinding unit. The hood removes easily for cleaning or wheel changes. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for a pressure system. Spray nozzles under the hood wet the entire wheel face. The 10" trim saw features a Covington Gold Series diamond blade. Weight feed accessories include nylon cord and scale to determine weight on vise feed. A power feed option is also available. This unit ships fully assembled and mounted on an aluminum-topped Lam-I-Cushion base.

The #447 8" Deluxe Diamond Unit comes complete with levermatic speed control, two (2) 8" x 1-1/2" metal bonded diamond grinding wheels (100g & 220g), one (1) 8" lever lock drum with silicon carbide sand cloth (400g), one (1) 8" x 1"-14RH aluminum head with diamond disc attached (1200g), one (1) 8" x 1"-14RH aluminum head with leather disc attached, 5-gram syringe of 50,000 mesh diamond compound, 2-ounce bottle of extender fluid, a book about using diamond abrasives, sample kit (#1 Koolerant, polish powder, brush, dop sticks, and wax), instructions, and product guarantee. A 1/3hp motor drives the saw and a 1/3hp high-torque motor drives the grinding unit. The hood removes easily for cleaning or wheel changes. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for a pressure system. Spray nozzles under the hood wet the entire wheel face. The 10" trim saw features a Covington Gold Series diamond blade. Weight feed accessories include nylon cord and scale to determine weight on vise feed. A power feed option is also available. This unit ships fully assembled and mounted on an aluminum-topped Lam-I-Cushion base.

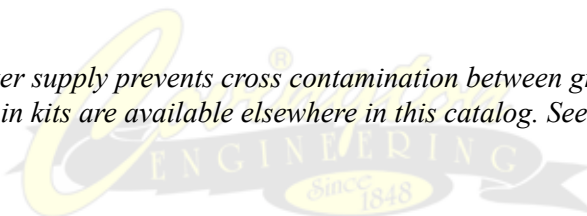
Cabinet stand is sold and shipped separately.



447DDC Pictured with Optional Power Feed and Cabinet Stand

Model #	Motor	Motor #	Motor-2 #	Dimensions	Weight	Weight Feed	Power Feed
446DSC	110V, 60Hz	MTR282	MTR853	55" x 27" x 17"	160 lbs.	\$1,975.00	\$2,100.00
4462SC	220V, 50Hz	MTR409	MTR853	55" x 27" x 17"	160 lbs.	\$2,060.00	\$2,185.00
447DDC	110V, 60Hz	MTR282	MTR853	55" x 27" x 17"	160 lbs.	\$2,375.00	\$2,500.00
4472DC	220V, 50Hz	MTR409	MTR853	55" x 27" x 17"	160 lbs.	\$2,460.00	\$2,585.00

TIP: Using a fresh water supply prevents cross contamination between grinding and polishing steps. Water supplies and drain kits are available elsewhere in this catalog. See index for locations.





495DCU Pictured

6" Combination Unit

6" Combination Unit Features:

- Sealed ball bearings mounted in rubber for quiet and smooth operation
- Mounted on rustproof aluminum-topped Lam-I-Cushion base
- Stainless steel main shaft resists rust
- Powder coated aluminum castings, hood, and belt guard
- Continuous variable speed control from 800rpm to 1725rpm
- Quick change hood and polishing buff
- Adjustable cab and wheel rest

The **6" Combination Unit** saws, grinds, sands, and polishes gemstone material all on one machine. This unit is designed to take small work pieces from a rough stone to a polished finish.

The **#494 6" Silicon Carbide Unit** is a lower cost option that comes complete with one (1) 6" Covington Gold Series diamond blade, slab vise, water valves, drains, two (2) 6" x 1" silicon carbide grinding wheels (100g & 220g), one (1) 6" expandable drum, one (1) 6" x 5/8"-18RH aluminum head with leather disc attached, 1/3hp motor, switch cord, belt guard, sample kit (#1 Koolerant, polish powder, brush, dop sticks, and wax), instructions, and product guarantee.

The **#495DCU 6" Diamond Unit** comes complete with one (1) 6" Covington Gold Series diamond blade, slab vise, water valves, drains, two (2) 6" x 1-1/2" metal bonded diamond grinding wheels (100g & 220g), one (1) 6" expandable drum, one (1) 2-1/2" x 18-15/16" diamond sanding belt (1200g), five (5) 2-1/2" x 18-15/16" silicon carbide sanding belts (400g), one (1) 6" x 5/8"-18RH aluminum head with leather disc attached, 5-gram syringe of 50,000 mesh diamond compound, 2-ounce bottle of extender fluid, sample kit (#1 Koolerant, polish powder, brush, dop sticks, and wax), a book about using diamond abrasives, 1/3hp motor, switch cord, belt guard, instructions, and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
494SCU	110V, 60Hz	MTR282	25" x 25" x 14"	76 lbs.	\$1,125.00
4942SC	220V, 50Hz	MTR409	25" x 25" x 14"	76 lbs.	\$1,167.00
495DCU	110V, 60Hz	MTR282	25" x 25" x 14"	76 lbs.	\$1,350.00
4952DC	220V, 50Hz	MTR409	25" x 25" x 14"	76 lbs.	\$1,392.00

Horizontal Combination Unit



690HCU Pictured

Horizontal Combination Unit Features:

- Heavy cast aluminum chassis
- 3" saw cross feed
- Portable and easy to store
- Precision ball bearings, neoprene sealed and greased for life
- Everything needed to go from rough rock to a finished piece
- Motor ships separately



The **Horizontal Combination Unit** is designed to cut, grind, shape, and polish, all on one machine.

The **#690 Horizontal Combination Unit** comes complete with one (1) 8" Covington Gold Series diamond blade, one (1) 8" x 5/8" silicon carbide grinding wheel (100g), one (1) 8" x 5/8" smooth bore aluminum head with sand disc attached (220g), one (1) 8" x 5/8" smooth bore aluminum head with leather disc attached, 3-3/4" rock vise, drip can water system, weight feed cord and scales, sample kit (#1 Koolerant, polish powder, brush, dop sticks, and wax), carry handle, instructions, and product guarantee.

The **#691 Horizontal Combination Unit** comes complete with one (1) 10" Covington Gold Series diamond blade, one (1) 10" x 3/4" silicon carbide grinding wheel (100g), one (1) 10" x 5/8" smooth bore aluminum head with sand disc attached (220g), one (1) 10" x 5/8" smooth bore aluminum head with leather disc attached, 3-3/4" rock vise, drip can water system, weight feed cord and scales, sample kit (#1 Koolerant, polish powder, brush, dop sticks, and wax), carry handle, instructions, and product guarantee.

Model #	Dimensions	Weight	Motor	Motor #	Motor Dimensions	Motor Weight	Price
690HCU	23" x 14" x 10"	30 lbs.	110V, 60Hz	MTR282	14" x 11" x 10"	19 lbs.	\$725.00
6902HC	23" x 14" x 10"	30 lbs.	220V, 50Hz	MTR409	14" x 11" x 10"	19 lbs.	\$767.00
691HCU	23" x 14" x 10"	30 lbs.	110V, 60Hz	MTR282	14" x 11" x 10"	19 lbs.	\$775.00
6912HC	23" x 14" x 10"	30 lbs.	220V, 50Hz	MTR409	14" x 11" x 10"	19 lbs.	\$817.00



Horizontal Maxi Laps

Maxi Lap Series Features:

- No arbor hole cutting discs
- Water can assembly
- Unobstructed access to work surface
- 1/3hp motor ships separately
- Compact and portable
- Three (3) quick change aluminum heads

Covington's **Maxi Laps** are excellent units for grinding, shaping, and polishing small work pieces. All models have a cast aluminum body, three (3) quick-change aluminum heads (no hole) with hard or soft rubber, 1/3hp heavy-duty motor with a carrying handle, instructions, and product guarantee. The aluminum head turns at 1410rpm. There are four (4) different 8" models: **#5070**, **#5071**, **#5072** and **#5075**. There are two (2) 10" models: **#5073** and **#5076**.

The **#5071 8" Standard Diamond Maxi Lap** comes with three (3) 8" x 1/2"-20RH thread quick-change aluminum heads and Covington's faster cutting diamond abrasive system. The faster cutting diamond abrasive system includes: two (2) 8" x no arbor hole resin bonded diamond sanding discs (220g & 1200g), a book about using diamond abrasives, and one (1) 8" x no arbor hole 1/8" thick felt polishing disc. All discs are affixed to a hard rubber face with "Stick-N-Peel" adhesive.

The **#5073 10" Super Diamond Maxi Lap** comes with three (3) 10" x 1/2"-20RH thread quick-change aluminum heads and Covington's fastest cutting diamond abrasive system. The fastest cutting diamond abrasive system includes: three (3) 10" x no arbor hole perforated metal bond diamond cutting discs (100g, 220g, & 600g), and a 10" magnetic holder. No additional adhesive or shaft nuts are required. The grinding head comes ready to mount diamond cutting discs. Quickly switch cutting discs by lifting one off and positioning the next. This unit comes complete with the fastest cutting diamond abrasive system, a book about using diamond abrasives, one (1) 10" x no arbor hole cork polishing disc, 1-lb. of 2F pumice, and one (1) 10" x no arbor hole 1/8" thick felt polishing disc. The cork and felt discs are affixed to a hard rubber face with "Stick-N-Peel" adhesive.

The **#5070 8" Standard Maxi Lap** comes with three (3) 8" x 1/2"-20RH thread quick-change aluminum heads and Covington's fast cutting silicon carbide abrasive system. The standard kit includes: two (2) 8" x no arbor hole silicon carbide sanding discs (100g & 400g), and one (1) 8" x no arbor hole 1/8" thick felt polishing disc. All discs are affixed to a hard rubber face with "Stick-N-Peel" adhesive.

The **#5072 8" Super Diamond Maxi Lap** comes with three (3) 8" x 1/2"-20RH thread quick-change aluminum heads and Covington's fastest cutting diamond abrasive system. The fastest cutting diamond abrasive system includes: three (3) 8" x no arbor hole perforated metal bond diamond cutting discs (100g, 220g, & 600g), and an 8" magnetic holder. No additional adhesive or shaft nuts are required. The grinding head comes ready to mount diamond cutting discs. Quickly switch cutting discs by lifting one off and positioning the next. This unit comes complete with the fastest cutting diamond abrasive system, a book about using diamond abrasives, one (1) 8" x no arbor hole cork polishing disc, 1-lb. of 2F pumice, and one (1) 8" x no arbor hole 1/8" thick felt polishing disc. The cork and felt discs are affixed to a hard rubber face with "Stick-N-Peel" adhesive.

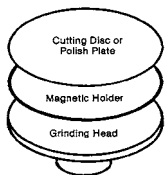
The **#5075 8" Super Diamond Lapidary Maxi Lap** comes with three (3) 8" x 1/2"-20RH thread quick-change aluminum heads and Covington's fastest cutting diamond abrasive system. The fastest cutting diamond abrasive system consists of three (3) 8" x no arbor hole perforated metal bond diamond cutting discs (100g, 220g, & 600g), and an 8" magnetic holder. No additional adhesive or shaft nuts are required. The grinding head comes ready to mount diamond cutting discs. Quickly switch cutting discs by lifting one off and positioning the next. This unit comes complete with the fastest cutting diamond abrasive system, a book about using diamond abrasives, one (1) 8" x no arbor hole diamond disc (1200g), and one (1) 8" x no arbor hole leather disc. The diamond and leather discs are affixed to a soft rubber face with "Stick-N-Peel" adhesive.



5073ML Pictured

The #5076 10" Super Diamond Lapidary Maxi Lap comes with three (3) 10" x 1/2"-20RH thread quick-change aluminum heads and Covington's fastest cutting diamond abrasive system. The fastest cutting diamond abrasive system includes: three (3) 10" x no arbor hole perforated metal bond diamond cutting discs (100g, 220g, & 600g), and a 10" magnetic holder. No additional adhesive or shaft nuts are required. The grinding head comes ready to mount diamond cutting discs. Quickly switch cutting discs by lifting one off and positioning the next. This unit comes complete with the fastest cutting diamond abrasive system, a book about using diamond abrasives, one (1) 10" x no arbor hole diamond polishing disc (1200g), and one (1) 10" x no arbor hole leather disc. The diamond and leather discs are affixed to a soft rubber face with "Stick-N-Peel" adhesive.

Model #	Description	Dimensions	Weight	Price
5070ML	8" Standard Maxi Lap	23" x 14" x 10"	27 lbs.	\$799.00
5071ML	8" Standard Diamond Maxi Lap	23" x 14" x 10"	27 lbs.	\$899.00
5072ML	8" Super Diamond Maxi Lap	23" x 14" x 10"	27 lbs.	\$1,275.00
5073ML	10" Super Diamond Maxi Lap	23" x 14" x 10"	27 lbs.	\$1,525.00
5075ML	8" Super Diamond Lapidary Maxi Lap	23" x 14" x 10"	27 lbs.	\$1,275.00
5076ML	10" Super Diamond Lapidary Maxi Lap	23" x 14" x 10"	27 lbs.	\$1,525.00
MTR282	Motor	13" x 8" x 9"	17 lbs.	Included
MTR409	220V, 50Hz Motor Available	13" x 8" x 9"	17 lbs.	Add \$42.00



Fastest Cutting Diamond Abrasive System

Diamond Abrasive System

Covington's **Diamond Abrasive System** is a magnetic mounting system that uses one head for all grinding operations. Simply attach the adhesive-backed, flexible magnetic holder to the grinding head. No additional adhesive, or shaft nuts are required. The grinding head is now ready to take diamond cutting discs. Position the grinding head on the magnet and it is ready to use. Use the coarse disc (100g) to remove large amounts of material. Use the medium disc (220g) to improve the surface finish and prepare the piece for finer grinding. The



fine disc (600g) quickly removes the medium finish and prepares the surface for pre-polish. **Diamond Compound** can be used as a pre-polish (8,000mesh) or final polish (14,000mesh to 50,000mesh) on a polish plate.



Perforated Diamond Cutting Disc Detail

Description	8"		10"	
	Order #	Price	Order #	Price
Magnetic Holder	CDAH08	\$36.00	CDAH10	\$50.00
Diamond Disc, 100g Coarse	CDAC08	\$100.00	CDAC10	\$150.00
Diamond Disc, 220g Medium	CDAM08	\$90.00	CDAM10	\$138.00
Diamond Disc, 600g Fine	CDAF08	\$80.00	CDAF10	\$126.00
Polish Plate	CAPP08	\$15.00	CAPP10	\$20.00
Set of 3 Discs (100g, 220g, 600g)	CDAS08	\$243.00	CDAS10	\$373.00

Use **Diamond Extender Fluid** to spread diamond compound on polish plate and to keep the plate and work piece from overheating.



Extender Fluid

Extender Fluid

Order #	Description	Weight	Price
DEF200	2-ounce Diamond Extender Fluid	1 lb.	\$5.25

Diamond Compound



5-gram & 10-gram Syringes



Diamond Compound is available in 5-gram and 10-gram syringes that make application easy. Graduated marks along the side of the syringe indicates amount. Apply the compound in tiny dots and spread evenly across the pad, add a few drops of diamond extender fluid and spread with a fingertip. Rotate the part being ground and check frequently for overheating. Add a drop of extender fluid to cool off the work piece. Recharge the plate only when necessary as the diamond lasts a long time.

High Concentration Diamond Compound		5-gram		10-gram	
Mesh	Micron	Order #	Price	Order #	Price
325	50	CDC550	\$12.00	CDC050	\$22.00
600	30	CDC530	\$12.00	CDC030	\$22.00
1,200	15	CDC515	\$12.00	CDC015	\$22.00
3,000	6	CDC506	\$12.00	CDC006	\$22.00
8,000	3	CDC503	\$12.00	CDC003	\$22.00
14,000	1	CDC501	\$12.00	CDC001	\$22.00
50,000	1/2	CDC505	\$12.00	CDC005	\$22.00
100,000	1/4	CDC525	\$12.00	CDC025	\$22.00

Automatic Vibrating Lap

Automatic Vibrating Lap Features:

- Removable pan for easy cleaning
- Grooved plate surface promotes faster cut
- Pad insert provides polishing capabilities
- Abrades and polishes with minimal assistance
- Now Available in 220V, 50Hz model



396AVL Pictured



**Check on pieces periodically for progress. Reapply grit and water as necessary.*

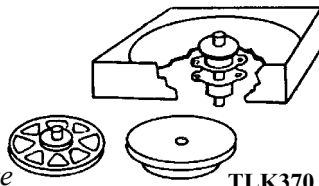
The **Automatic Vibrating Lap** is designed to abrade and polish on its own. This unit takes all the work out of lapping, just load, start, and walk away. The inertia of the heavy rock slab holds it relatively still while the lap pan vibrates underneath. This action replaces the circular rotation used by conventional lapping machines. One tri-knob screw releases the pan for easy cleaning. This unit comes complete with motor, polish pad, bumper ring, instructions, and product guarantee.

Model #	Pan Size	Motor	Motor #	Dimensions	Weight	Price	Extra Lap Pan	Extra Polish Pad	Extra Bumper Ring
392AVL	10"	110V, 60Hz	MTR004	12" x 12" x 10"	18 lbs.	\$345.00	ELP010	EPP010	EBR010
3922AL	10"	220V, 50Hz	MTR001	12" x 12" x 10"	18 lbs.	\$355.00	\$80.00	\$5.25	\$5.25
394AVL	12"	110V, 60Hz	MTR004	14" x 14" x 10"	22 lbs.	\$395.00	ELP012	EPP012	EBR012
3942AL	12"	220V, 50Hz	MTR001	14" x 14" x 10"	22 lbs.	\$405.00	\$99.00	\$6.85	\$6.30
396AVL	16"	110V, 60Hz	MTR004	18" x 18" x 10"	32 lbs.	\$495.00	ELP016	EPP016	EBR016
3962AL	16"	220V, 50Hz	MTR001	18" x 18" x 10"	32 lbs.	\$505.00	\$140.00	\$10.00	\$7.35

16" Two-Speed Lap Kit

Two-Speed Lap Kit Features:

- Galvanized metal splash pan
- Two-step motor drive v-pulley
- Two-step machine drive v-pulley
- 1" steel shaft with welded flange and 1"-8RH thread
- 16" tapered steel plate (wheel) with 1"-8RH thread
- Two heavy duty 1" Sealmaster® bearings, with flange



TLK370



The **16" two-speed lap kit** is a low cost "build-your-own" style machine that requires the user to construct a frame. This kit comes with the basic supplies needed to manufacture a 16" horizontal lapidary unit.

Order #	Dimensions	Description	Weight	Price
TLK370	25" x 25" x 20"	16" Two-Speed Lap Kit	46 lbs.	\$675.00

16" Two-Speed Lapidary Unit

Horizontal Lap Features:

- Heavy welded steel chassis
- Removable grit catch pan
- Removable splash guard
- 16" tapered steel plate (wheel)
- 1" steel shaft with welded flange
- Heavy-duty ball bearings, neoprene sealed, greased for life
- 1/3hp, heavy-duty motor



Tapered side for large pieces.



Flat side for small pieces.

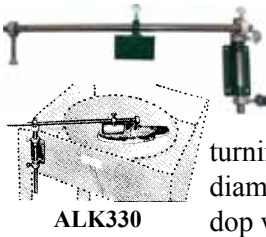


350TSL Pictured

**All 16" Horizontal Laps must ship common carrier. Call for a freight quote today.*

The **16" Horizontal Two-Speed Lapidary Unit** laps, grinds, sands, and polishes large or flat surfaces. This unit is perfect for working stone book ends or clock faces. The solid steel plate turns at 220rpm and is reversible. CAUTION: Do NOT run the steel lap plate at high speed. The tapered side permits large pieces to be abraded with easier control. Pieces larger than 8" can be abraded by turning the work piece. The flat side of the wheel is suitable for abrading small work pieces. This multi-featured unit includes a 1/3hp motor, a 9" diameter (100g) grinding wheel, an adapter and wrench, a splash guard, a 10" aluminum head with sand disc attached (220g), a 10" aluminum head with a leather polishing disc, a water feed, and a 16" steel face plate. The horizontal lap unit ships complete with instructions and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
350TSL	110V, 60Hz	MTR282	23" x 23" x 35"	150 lbs.	\$1,750.00
3502TL	220V, 50Hz	MTR409	23" x 23" x 35"	150 lbs.	\$1,792.00

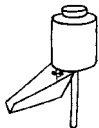
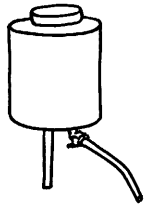


Automatic Lap Kit

The **Auto Lap Kit** is designed to take the labor out of lapping. This device holds the work piece on the turning plate for the user. The kit includes swivel, 1/2" diameter x 16" length extension arm, adjustable steel plate, dop wax, and instructions.



Order #	Dimensions	Weight	Price
ALK330	16" x 8" x 6"	10 lbs.	\$39.00



WC5035

Made in USA



WC5045

See chart for additional accessories and replacement parts for #350, #370, #5030, and #5033.

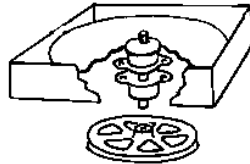
Horizontal Lap Accessories

Order #	Description	Weight	Price
SGW931	9" x 1" Silicon Carbide Wheel (100g or 220g)	5 lbs.	\$131.25
LAW930	Adapter and Wrench for Silicon Carbide Wheel	3 lbs.	\$42.00
WSG332	Splash Guard	10 lbs.	\$47.25
ASD334	10" x 1"-8RH Aluminum Head (Specify Sand Disc Grit)	3 lbs.	\$68.75
APD336	10" x 1"-8RH Aluminum Head (Leather)	3 lbs.	\$72.00
APB338	10" x 1"-8RH Aluminum Head (Felt)	3 lbs.	\$85.00
WC5045	1/2-Gallon Water Feed Station	8 lbs.	\$75.00
LFP316	16" Tapered Face Plate	50 lbs.	\$225.75
SFP315	12" Tapered Face Plate	45 lbs.	\$157.50
BGP316	16" Face Plate (No Taper)	50 lbs.	\$195.00
AS5034	Extra Arbor Shaft	10 lbs.	\$156.00
WC5035	Grit Feed Station	8 lbs.	\$80.00

16" Single-Speed Lap Kit

Single-Speed Lap Kit Features:

- 1" steel shaft with welded flange and 1"-8RH thread
- 16" tapered steel plate (wheel) with 1"-8RH thread
- Two heavy-duty 1" Sealmaster® bearings, with flange
- Galvanized metal splash pan
- 10" machine drive v-pulley



LK5033



The **Single Speed Lap Kit** is a "build-your-own" style machine designed for beveling glass. This unit requires the user to create a frame and assemble the unit. The lap kit includes basic supplies for building a single-speed lapidary unit.

Order #	Description	Dimensions	Weight	Price
LK5033	16" Single Speed Lap Kit	25" x 25" x 20"	46 lbs.	\$595.00



*All 16" Horizontal Laps must ship common carrier. Call for a freight quote today.

16" Single Speed Lapidary Unit

16" Single Speed Horizontal Lap Features:

- 1/3hp motor
- Heavy welded steel chassis
- 16" tapered steel plate (wheel)
- 1" steel shaft with welded flange
- Removable grit catch pan and splash guard
- Heavy-duty ball bearings, neoprene sealed, greased for life
- Water can, valve, holder and grit chute



Tapered side for large pieces.



Flat side for small pieces.



5030HL Pictured

The **16" Single Speed Horizontal Lapidary Unit** laps, grinds, sands, and polishes large or flat surfaces. This unit is an excellent choice for producing glass bevels, working stone bookends, or producing clock faces. A water can and drip valve slowly feed abrasive grit to the wheel surface. The solid steel plate turns at 220rpm and is reversible. The tapered side permits large pieces of glass or stone to be abraded with easier control. Pieces over 8" can be abraded by turning the work piece. The flat side of the wheel is suitable for abrading small work pieces.

This unit ships complete with a 1/3hp motor, instructions, and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
5030HL	110V, 60Hz	MTR282	23" x 23" x 35"	125 lbs.	\$1,325.00
50302L	220V, 50Hz	MTR409	23" x 23" x 35"	125 lbs.	\$1,367.00

To Order Call: 1-877-793-6636

See Page 56 for Motors



12" Horizontal Beveler/Grinder

12" Horizontal Beveler/Grinder Features:

- Water supply feeds through shaft center
- Aluminum water manifold controls fluid flow
- Heavy welded steel chassis with stainless steel catch pan
- 1hp, 3 Phase, wash-down variable speed motor and controller
- Available in 110V or 220V, 50Hz or 60Hz
- Shaft will accept 5/8"-11RH male accessories
- 1" stainless steel shaft with welded flange
- Heavy-duty ball bearing

Made in USA



CBA046 & CBA047 Pictured



5045HG Pictured

The **12" Beveler/Grinder** is a versatile unit designed to cold-work pieces of glass. With the appropriate accessories this unit will grind, shape, and polish small work pieces. Flat diamond discs are the cleanest, fastest way to make glass bevels. There are several features built into this variable-speed lapping unit, including a water sleeve that allows water to come up through the shaft center and disperse from the middle of the plate, and an overhead loc-line® water supply. It also has a 5/8"-11RH female thread that accepts a variety of different diamond finishing tools. An optional male-to-male brass fitting for female threads is also

available. The speed control allows speed ranges from 200rpm to 1100rpm. The bearings have been set 11" apart on the shaft to give rigidity and stability to the blanching and precision ground, 12" black powder coated plate. A small chamfer on the outside edge allows for easy removal of magnetic diamond discs. A wash-down motor and controller are perfect for wet environments. This unit is made with 11-gauge box tubing and 16-gauge removable side panels topped with heavy-duty powder coatings. Comes with a full 1-year warranty on parts. ***This unit must ship common carrier. Call today for a freight quote.**

Model #	Motor	Motor #	Dimensions	Weight	Price
5045HG	110V, 60Hz	MTRW01	25" x 25" x 27"	195 lbs.	\$2,795.00
50452G	220V, 50Hz	MTRW01	25" x 25" x 27"	195 lbs.	\$2,795.00

12" Single-Speed Beveler/Grinder

Single-Speed Beveler/Grinder Features:

- Heavy duty ball bearing
- Choice of speed 545rpm or 1080rpm
- Available in 110V or 220V, 50Hz or 60Hz
- Shaft will accept 5/8"-11RH male accessories
- 1" stainless steel shaft with welded flange
- Aluminum water manifold with flexible water hose
- Heavy welded steel chassis with stainless steel catch pan
- 1/2hp, single speed motor, with water resistant switch cord
- Optional water supply feed through shaft center now available



5046HG Pictured



***This unit must ship common carrier. Call today for a freight quote.**

The **12" Single Speed Grinder/Beveler** is a versatile unit designed to grind, shape, and polish small pieces of glass. Flat diamond discs are the cleanest, fastest way to make glass bevels. The standard single speed unit runs at 545rpm and includes a 12" blanching and micro ground plate that has been powder coated to resist rusting while still allowing a magnet to be securely attached. A 1" brass centering pin aligns magnet easily. This unit is now available with a 1080rpm option. The brush and removable stainless steel splashguard allow larger pieces to be worked while keeping water splash to a minimum. This unit is made with 11-gauge box tubing and 16-gauge removable side panels topped with heavy-duty powder coatings. The side panels are easy to remove making maintenance and lubrication simple. This unit is now available with an optional shaft center water feed system. This machine accepts 5/8"-11RH male threading tools and adapters. This model comes with a full 1-year warranty on parts.

Order #	Description	Weight	Price
CBA045	Male-to-Male Shaft Adapter	1 lb.	\$50.00
CBA046	Threaded Brass Center Piece	1 lb.	\$45.00
CBA047	Spanner Wrench	1 lb.	\$40.00

Model #	Speed	Motor	Motor #	Dimensions	Weight	Price	Price w/ Water Feed
5046HG	545rpm	110V, 60Hz	MTRW12	25" x 25" x 27"	170 lbs.	\$1,795.00	\$2,170.00
50462G	545rpm	220V, 50Hz	MTRW12	25" x 25" x 27"	170 lbs.	\$1,837.00	\$2,212.00
5047HG	1080rpm	110V, 60Hz	MTRW12	25" x 25" x 27"	170 lbs.	\$1,795.00	\$2,170.00
50472G	1080rpm	220V, 50Hz	MTRW12	25" x 25" x 27"	170 lbs.	\$1,837.00	\$2,212.00

CBA045 & CBA046





24" Horizontal Beveler/Grinder

24" Horizontal Beveler/Grinder Features:

- Water supply feeds through shaft center
- Aluminum water manifold controls fluid flow
- Available in 110V or 220V, 50Hz or 60Hz
- Shaft will accept 5/8"-11RH male accessories
- 1" stainless steel shaft with welded flange
- Heavy-duty ball bearing
- Heavy welded steel chassis with stainless steel catch pan
- 2hp, 3 Phase, wash-down variable speed motor and controller



**This unit must ship common carrier. Call today for a freight quote and to check availability.*



The 24" Beveler/Grinder is a versatile unit designed to cold-work pieces of glass. With the appropriate accessories this unit will grind, shape, and polish large work pieces. Flat diamond discs are the cleanest, fastest way to make glass bevels. There are several features built into this variable-speed lapping unit, including a water sleeve that allows water to come up through the shaft center and disperse from the middle of the plate, and an overhead loc-line water supply. It also has a 5/8"-11RH female thread that accepts a variety of different diamond finishing tools. An optional male-to-male brass fitting for female threads is also available. The speed control allows speed ranges from 200rpm to 1100rpm. The bearings have been set 11" apart on the shaft to give rigidity and stability to the blanch and precision ground, 24" black powder coated plate. A small chamfer on the outside edge allows for easy removal of magnetic diamond discs. A wash-down motor and controller are perfect for wet environments. This unit is made with 11-gauge box tubing and 16-gauge removable side panels topped with heavy-duty powder coatings. Comes with a full 1-year warranty on parts.

Model #	Motor	Motor #	Dimensions	Weight	Price
5060HG	110V, 60Hz	MTRW02	35" x 35" x 45"	650 lbs.	\$5,000.00
50602G	220V, 50Hz	MTRW02	35" x 35" x 45"	650 lbs.	\$5,200.00

24" Single-Speed Beveler/Grinder

Single-Speed Beveler/Grinder Features:

- Heavy-duty ball bearing
- Available in 110V or 220V, 50Hz or 60Hz
- Shaft will accept 5/8"-11RH male accessories
- 1" stainless steel shaft with welded flange
- Aluminum water manifold with flexible water hose
- Heavy welded steel chassis with stainless steel catch pan
- 2hp, single speed motor, with water resistant switch cord
- Water supply feed through shaft center



**This unit must ship common carrier. Call today for a freight quote and to check availability.*

The 24" Single Speed Grinder/Beveler is a versatile unit designed to grind, shape, and polish large pieces of glass. Flat diamond discs are the cleanest, fastest way to make glass bevels. The single speed unit includes a 24" blanch and micro ground plate that has been powder coated to resist rusting while still allowing a magnet to be securely attached. A 1" brass centering pin aligns magnet easily. The brush and removable stainless steel splashguard allow larger pieces to be worked while keeping water splash to a minimum. This unit is made with 11-gauge box tubing and 16-gauge removable side panels topped with heavy-duty powder coatings. The side panels are easy to remove making maintenance and lubrication simple. This machine accepts 5/8"-11RH male threading tools and adapters. This model comes with a full 1-year warranty on parts.

Model #	Motor	Motor #	Dimensions	Weight	Price
5061HG	110V, 60Hz	MTRW21	35" x 35" x 45"	650 lbs.	\$4,000.00
50612G	220V, 50Hz	MTRW21	35" x 35" x 45"	650 lbs.	\$4,200.00

Horizontal Grinder/Beveler Accessories

Order #	Description	Weight	Price
CVS001	Vertical Sanding Drum	2 lbs.	\$50.00
CSS001	Slotted Vertical Sanding Drum	2 lbs.	\$100.00
CSS003	3" Sanding Sleeves: 36, 60, 80, 120, 240, 320, 400	1 lb.	\$2.25
DNC001	Nickel Bond Diamond Cones: 100, 600	3 lbs.	\$240.00
DNH001	Nickel Bond Diamond Hemispheres: 100, 600	5 lbs.	\$300.00



To Order Call: 1-877-793-6636

See Page 46 for Magnetic Backed Discs



Rociprolap®

Covington's Rociprolap® Features:

- Heavy-duty sealed ball bearings
- Heavy cast iron base and lap plate
- Heavy-duty 1/3hp motor
- Splash guard
- \$40.00 crating charge on 20" & 24" models
- \$80.00 crating charge on 30" & 36" models



**All Rociprolaps® must ship common carrier. Call today for a freight quote.*

**New lower crating fee!*



CRL024 Pictured

Model #	Description	Motor	Motor #	Box 1		Box 2		Price
				Dimensions	Weight	Dimensions	Weight	
5200RL	20" Rociprolap	110V, 60Hz	MTR282	32" x 32" x 23"	250 lbs.	-	-	\$1,999.00
52002R	20" Rociprolap	220V, 50Hz	MTR409	32" x 32" x 23"	300 lbs.	-	-	\$2,099.00
5240RL	24" Rociprolap	110V, 60Hz	MTR282	32" x 32" x 23"	280 lbs.	-	-	\$2,199.00
52402R	24" Rociprolap	220V, 50Hz	MTR409	32" x 32" x 23"	330 lbs.	-	-	\$2,299.00
5300RL	30" Rociprolap	110V, 60Hz	MTR282	32" x 32" x 23"	275 lbs.	36" x 36" x 9"	180 lbs.	\$2,699.00
53002R	30" Rociprolap	220V, 50Hz	MTR409	32" x 32" x 23"	325 lbs.	36" x 36" x 9"	230 lbs.	\$2,799.00
5360RL	36" Rociprolap	110V, 60Hz	MTR199	32" x 32" x 23"	300 lbs.	45" x 45" x 9"	310 lbs.	\$3,699.00
53602R	36" Rociprolap	220V, 50Hz	MTR199	32" x 32" x 23"	350 lbs.	45" x 45" x 9"	360 lbs.	\$3,899.00

Covington's **Rociprolap®** is a precision built machine designed to eliminate the labor-intensive work of lapping and polishing. The lap plate revolves slowly and reciprocates 575 times per minute. It is balanced and does not need to be bolted down (except 36" model). This unit is extremely quiet in operation and built to industrial standards. This heavy-duty unit is constructed entirely of cast iron and steel. The lap plate's surface is machined flat to a very close tolerance.

The lap plate also has 3/16" x 1/2" pockets to maintain fresh grit and lubrication reservoirs. The Rociprolap® will lap rock, wood, metal, glass or any material which must be ground flat. Each unit is sold complete with a splash guard, bumper ring, motor, one set of twelve (12) nylon ball bearings, one set of six (6) steel discs, polish pad, and instructions. Covington Engineering guarantees the machines for one year from the date of purchase against any defects. *This excludes the nylon thrust bearings, steel discs, and leveling feet.



Accessories				
Order #	Description	Dimensions	Weight	Price
CRL120	20" Lap Pan	24" x 24" x 9"	80 lbs.	\$495.00
CRL124	24" Lap Pan	30" x 30" x 9"	110 lbs.	\$728.00
CRL130	30" Lap Pan	36" x 36" x 9"	195 lbs.	\$1,295.00
CRL136	36" Lap Pan	45" x 45" x 9"	310 lbs.	\$2,250.00
CRL212	12 Nylon Bearings	6" x 4" Envelope	1 lb.	\$12.00
CRL206	6 Steel Bearing Supports	6" x 4" Envelope	1 lb.	\$19.00
CRL520	20" Polish Pad	24" x 24" x 1"	3 lbs.	\$19.50
CRL524	24" Polish Pad	24" x 24" x 1"	3 lbs.	\$23.50
CRL530	30" Polish Pad	30" x 30" x 1"	3 lbs.	\$29.50
CRL536	36" Polish Pad	36" x 36" x 1"	3 lbs.	\$35.50
CRL001	Leveling Foot	2" x 3" x 6"	1 lb.	\$9.00
CRL320	20" Bumper Ring	12" x 12" x 12"	6 lbs.	\$19.00
CRL324	24" Bumper Ring	12" x 12" x 12"	6 lbs.	\$19.00
CRL330	30" Bumper Ring	12" x 12" x 12"	6 lbs.	\$19.00
CRL336	36" Bumper Ring	12" x 12" x 12"	6 lbs.	\$19.00
CRL220	20" Splash Guard	12" x 12" x 8"	7 lbs.	\$35.00
CRL224	24" Splash Guard	12" x 12" x 8"	7 lbs.	\$35.00
CRL230	30" Splash Guard	12" x 12" x 8"	7 lbs.	\$35.00
CRL236	36" Splash Guard	12" x 12" x 8"	7 lbs.	\$35.00



4012GL Pictured

Glass Lathe *Designed By Steve Klein*

Glass Lathe Features:

- Heavy-duty turned ground and polished 1" steel shaft
- Three speeds: 635rpm, 805rpm, and 1100rpm
- Two unmounted CSP541 powder coated splash pans and hoods
- Heavy-duty sealed ball bearings are greased for life
- 1hp motor

The **Glass Lathe** is a versatile machine that will accommodate wheels up to 10" in size. The shaft is turned, ground, and polished to minimize vibration, while extending 11" of usable space to the operator. The pans ship unmounted so they can be attached to the base where it is most convenient for the user. The rust resistant powder coated splash hoods come with valves and spray nozzles for adjustable water application,

while two (2) felt guards help minimize splash and overspray. This model also comes with two (2) 4" spacers to center wheels under spray nozzles. The Glass Lathe comes complete with a 1hp motor, mounted on an aluminum-topped Lam-I-Cushion base, two (2) splash pans and hoods, two (2) 4" spacers, quick belt-change motor mount, and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
4012GL	110V, 60Hz	MTR922	39" x 39" x 17"	130 lbs.	\$1,275.00
40122L	220V, 50Hz	MTRL01	39" x 39" x 17"	130 lbs.	\$1,317.00

Glass Lathe #2

Glass Lathe #2 Features:

- Heavy-duty turned, ground, and polished 1" steel shaft
- Three speeds: 635rpm, 805rpm, and 1100rpm
- Heavy-duty sealed ball bearings are greased for life
- 1-1/2" steel tube stand with anchor holes for mounting to floor
- 1hp motor



4013GL Pictured

The **Glass Lathe #2** is a versatile machine that can accommodate almost any wheel. This machine is light enough for a small studio but heavy-duty enough for high production shops. Lathe stand features fully adjustable shelves that can be removed for large pieces. The shaft is turned, ground, and polished to minimize vibration, while extending 11" of usable space to the operator. The stand is 36" high, creating a comfortable shaft height of 46". Each adjustable aluminum-topped Lam-I-Cushion side table is 16" x 36" to accommodate users own water catch basin. Lathe comes complete with 1hp motor, mounted on an aluminum-topped Lam-I-Cushion base, quick belt-change motor mount, steel stand, two shelves with standards and brackets, and product guarantee. *Please note that this unit MUST be anchored to floor to keep from tipping over. Units without the stand MUST be anchored to a tabletop.

Model #	Motor	Motor #	Box 1 Dimension	Weight	Box 2 Dimension	Weight	Price	Price w/o Stand
4013GL	110V, 60Hz	MTR922	39" x 39" x 17"	98 lbs.	39" x 39" x 17"	115 lbs.	\$1,475.00	\$1,050.00
40132L	220V, 50Hz	MTRL01	39" x 39" x 17"	98 lbs.	39" x 39" x 17"	115 lbs.	\$1,517.00	\$1,092.00



Glass Engraver

Glass Engraver Features:

- Unobstructed access to wheels
- Adjustable speed control up to 1600rpm
- 1/4" Jacob's chuck and wheel adapter
- Heavy-duty sealed ball bearings are greased for life
- 1/2hp, 110V, 60Hz motor
- Flexible lamp



5069GE Pictured



The **Glass Engraver** is designed for brilliant cutting. A truly versatile machine, the glass engraver utilizes mandrel supported engraving wheels and glass cutting wheels up to 6" in diameter. A half-gallon drip can with an adjustable waterspout provides water to both workstations. Two (2) water pans catch drip waste. A detachable leather tongue trails the engraving wheel. Mounted hand control permits unlimited speed settings from 0rpm to 1600rpm. This unit includes standard wheel kit: five (5) assorted mandrel-mounted 320-grit aluminum oxide engraving wheels, and one (1) thin-flex diamond cutting blade. This unit ships complete with a 1/2hp motor, belt guard, speed control, instructions, and product guarantee.

Model #	Dimensions	Weight	Price
5069GE	37" x 26" x 26"	125 lbs.	\$1,533.00

Vertical Glass Beveler



Vertical Beveler Features:

- Adjustable sponge bench minimizes splash
- Back plate with spray nozzle adjusts to wheel size
- Removable tank sides for easy wheel change
- Unobstructed access to 6", 8", and 10" wheels
- Heavy-duty ball bearings, neoprene sealed and greased for life

The **Vertical Glass Beveler** is a quality machine designed to bevel inside or outside curves.

This two-station unit accepts 6", 8", and 10" wheels. The arbor can be quickly disassembled (4 bolts) for pulley change or bearing inspection. A water valve and spray nozzle are built in for easy hookup. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. The wheel speed can be determined by the size of the wheel, 420rpm for 10" wheels, or 785rpm for 8" wheels, or 1,100rpm for 6" wheels. Choose the speed that is needed for the wheel diameter you expect to use. If two wheel sizes are to be used, choose the faster speed.

Wheels turn toward the operator and up. This unit ships fully assembled with belt guard, 1/3hp motor, instructions, and product guarantee. *Please note that this unit is sold without wheels.

Model #	Motor	Motor #	Dimensions	Weight	Price
5051GB	110V, 60Hz	MTR853	25" x 25" x 17"	75 lbs.	\$945.00
50512B	220V, 50Hz	MTR853	25" x 25" x 17"	75 lbs.	\$987.00
*Specify rpm when ordering					

10" Cork & Felt



10" Cork and Felt Glass Polisher Features:

- Back plate with spray nozzle
- Powder coated pans resist rust
- Adjustable sponge bench to minimize splash
- Removable side panels for easy wheel change
- Heavy-duty ball bearings, neoprene sealed and greased for life



5050GP Pictured

The **10" Cork and Felt Polisher** is designed for coldworking glass to a high polish. The cork wheel combined with mildly abrasive pumice will pre-polish the work piece. The felt wheel combined with cerium oxide will bring the piece up to a high polish. The arbor can be quickly disassembled (4 bolts) for pulley change or bearing inspection. A water valve and spray nozzle are built in for easy hookup. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. Unit comes with one (1) 10" x 2" cork wheel and one (1) 10" x 2" felt wheel installed, dressed, and factory tested for balance. The felt wheel is installed with a metal side support. Wheels turn at 420rpm to minimize polish powder loss, while a rim speed of 1,230SFM creates the friction necessary for a brilliant finish. This model ships fully assembled with belt guard, 1/3hp, high-torque motor, instructions, and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
5050GP	110V, 60Hz	MTR853	25" x 25" x 20"	91 lbs.	\$1,175.00
50502P	220V, 50Hz	MTR853	25" x 25" x 20"	91 lbs.	\$1,217.00

16" Cork & Felt

16" Cork and Felt Glass Polisher Features:

- 1/3hp, high-torque motor
- Back plate with spray nozzle
- Powder coated pans resist rust
- Removable tank for easy wheel change
- Adjustable sponge bench to minimize splash
- Heavy-duty ball bearings, neoprene sealed and greased for life



5016GP Pictured



16" Cork & Felt Wheels



The **16" Cork and Felt Polisher** is designed for coldworking glass to a high polish. The cork wheel combined with mildly abrasive pumice will pre-polish the work piece. The felt wheel combined with cerium oxide will bring the piece up to a high polish. The arbor can be quickly disassembled (4 bolts) for pulley change or bearing inspection. Water valve and spray nozzle are built in for easy hookup. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. Unit comes with one (1) 16" x 3" cork wheel and one (1) 16" x 3" felt wheel installed, dressed and factory tested for balance. Wheels turn at 280rpm to minimize polish powder loss, while a rim speed of 1,173SFM creates the friction necessary for a brilliant finish. This model ships fully assembled with belt guard, 1/3hp motor, instructions, and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
5016GP	110V, 60Hz	MTR853	37" x 26" x 26"	140 lbs.	\$1,995.00
50162P	220V, 50Hz	MTR853	37" x 26" x 26"	140 lbs.	\$2,037.00

and product guarantee.

Two-Station Closed Arbor



TSA402 Pictured

The **Two-Station Closed Arbor** is a low cost “build-your-own” style grinder/polisher. This versatile unit is designed to accept 6”, 8”, and 10” wheels. The arbor ships with two (2) nuts, 3” drive pulley, v-belt, and two (2) sets of 3” diameter flanges. The split housing, with a closed center, connects using two bolts. Two bearings are set on the shaft with two set screws. This arbor can be disassembled and reassembled in minutes.

Order #	Shaft Size	Dimensions	Weight	Price
TSA402	1” x 18”	20” x 8” x 10”	14 lbs.	\$250.00
TSA404	3/4” x 18”	20” x 8” x 10”	12 lbs.	\$240.00

Two-Station Open Arbor

The **Two-Station Open Arbor** is a low cost “build-your-own” style grinder/polisher. This versatile unit is designed to accept 6”, 8”, and 10” wheels. An optional 2” riser shim is available. The arbor ships with two (2) nuts, 3” drive pulley, v-belt, and two (2) sets of 3” diameter flanges. The split housing, with an open center, connects using two bolts. Two bearings are set on the shaft with two set screws. This arbor can be disassembled and reassembled in minutes.

Order #	Description	Shaft Size	Dimensions	Weight	Price
TSA412	Open Arbor	1” x 23-3/4”	25” x 9” x 6”	18 lbs.	\$275.00
CAS158	2” Arbor Shim	-	11” x 6” x 3”	6 lbs.	\$35.00



TSA412 Pictured



CAS158

Four-Station Open Arbor



Four-Station Arbor Features:

- Reversible shaft rotation
- Accepts up to 8” pulleys
- Clam type housing permits quick change of drive pulley
- 1” diameter shaft at center, 5/8” shaft outboard



AR5055 Pictured

The **Four-Station Open Arbor** is a “build-your-own” style grinder/polisher. This versatile unit is designed to accept 6”, 8”, and 10” wheels, as well as expandable drums, tapered spindles, aluminum heads, and cone wheels; each individually secured to the shaft. To reverse the rotation of the shaft, turn arbor 180 degrees – the back side can be the front. Arbor comes with 3” diameter center drive pulley, but larger pulleys, up to 8” diameter, can be installed. Order the wheel guard, tanks, and water systems to make the machine complete. Arbor ships with four (4) nuts, 3” drive pulley, v-belt, and four (4) sets of 3” diameter flanges. The shaft includes 1/2”-20 x 1” long studs on each end. Two alternate sets of 2” diameter x 1/2” flanges are included. Each wheel can be individually secured by one flange with set screws and a floating flange with nut. *Please note that this basic model is sold without wheels and motor.

Order #	Dimensions	Weight	Price
AR5055	34” x 14” x 10”	22 lbs.	\$350.00

Covington Arbor Shafts

*Covington arbors are constructed with heavy-duty ball bearings mounted in a powder coated, cast aluminum housing. All shafts are made with top grade turned, ground, and polished steel to minimize vibration. Covington’s will substitute standard shaft lengths for custom lengths on all ball bearing arbors. To find the price for a substitute shaft simply subtract the original shaft price from the preferred shaft price. *If the desired length is not listed please call for a quote.*



**Example: Arbor comes with CAS018 and CAS021 is desired, Arbor cost is \$10.00 more.*

Arbor comes with CAS024 and CAS018 is desired, Arbor cost is \$26.25 less.

Size	Weight	Order #	Price	Order #	Stainless	Size	Weight	Order #	Price	Order #	Stainless
1” x 18”	8 lbs.	CAS018	\$89.25	CSS018	\$99.25	1” x 30”	13 lbs.	CAS030	\$131.25	CSS030	\$141.25
1” x 21”	9 lbs.	CAS021	\$99.75	CSS021	\$109.75	1” x 36”	16 lbs.	CAS036	\$136.50	CSS036	\$146.50
1” x 23-3/4”	10 lbs.	CAS024	\$115.50	CSS024	\$125.50	AR5055	15 lbs.	FSA032	\$168.00		-

Heavy-Duty Grinder/Polisher



400HDG Pictured

Grinder/Polisher Features:

- 1/2hp, high-torque motor
- Powder coated aluminum arbor, pans, and hoods
- 1" x 18" shaft with heavy-duty neoprene sealed ball bearings

The **Heavy-Duty Grinder/Polisher** is a customizable two-station unit designed to suit each customer's unique needs. This machine accepts 6", 8", and 10" wheels, as well as 8" expandable drums and 8" aluminum heads with both left and right hand 1"-14 threading. Accessories include flanges, nuts, drive pulley, v-belt, belt guard, water valves, drains, instructions, and product guarantee. The hoods are easy to remove for cleaning or wheel changes. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. Spray nozzles under the hood wet the entire wheel face. Unit ships mounted on an

aluminum-topped Lam-I-Cushion base. *Please note that this unit does not come with wheels, drums, or aluminum heads.

Model #	Motor	Motor #	Dimensions	Weight	Price
400HDG	110V, 60Hz	MTR199	25" x 25" x 18"	77 lbs.	\$725.00
4002HG	220V, 50Hz	MTR199	25" x 25" x 18"	77 lbs.	\$765.00



Variable Speed Grinder/Polisher

Grinder/Polisher Features:

- 1" x 18" shaft
- 1/2hp, high-torque motor
- Heavy-duty ball bearings, neoprene sealed, greased for life
- Speed control allows changes from 800rpm to 1725rpm
- Powder coated cast aluminum arbor, pans, and hoods with water valves and drain plugs



592VSP Pictured

The **Variable Speed Grinder/Polisher** is a customizable two-station unit designed to suit each customer's unique needs. This machine accepts 6", 8", and 10" wheels, as well as 8" expandable drums and 8" aluminum heads with both left and right hand 1"-14 threading. This unit allows the operator to use different grinding speeds to achieve optimal grinding or polishing, without losing horsepower. Accessories include flanges, nuts, drive pulley, belt guard, water valves, drains, instructions, and product guarantee. The hoods are easy to remove for cleaning or wheel changes. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. Spray nozzles under the hood wet the entire wheel face. Unit ships mounted on an aluminum-topped Lam-I-Cushion base. *Please note that this unit does not come with wheels, drums, or aluminum heads.

Model #	Motor	Motor #	Dimensions	Weight	Price
592VSP	110V, 60Hz	MTR199	25" x 25" x 18"	78 lbs.	\$825.00
5922VP	220V, 50Hz	MTR199	25" x 25" x 18"	78 lbs.	\$865.00

8" Expandable Drum Unit

Four-Station Unit Features:

- Four 8" x 3" expandable drums
- Heavy duty ball bearings, neoprene sealed, and greased for life
- Powder coated cast aluminum arbor, pans and hoods with water valves and drain plugs
- Speed control allows gradual speed changes from 800rpm to 1725rpm
- 1/2hp, high-torque motor

The **Four-Station Expandable Drum Unit** is a versatile machine that allows the user to move through grinding stages without changing the wheels. The angled expansion slots through the rubber rim of the expandable drum allow it to expand when rotated, thereby locking the belt in place. The drum surface flexes to the contours of the gemstone quickly removing grinding flats and scratches.

Accessories include four (4) 3" x 25-7/32" sanding belts (1-each 100g, 220g, 400g, & 600g), belt guard, instructions, and product guarantee. The hoods are easy to remove for cleaning or wheel changes. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. Spray nozzles under the hood wet the entire wheel face. This unit ships mounted on a rustproof aluminum-topped Lam-I-Cushion base.



594EDU Pictured

Spray nozzles under the hood wet the entire wheel face. This unit ships mounted on a rustproof aluminum-topped Lam-I-Cushion base.

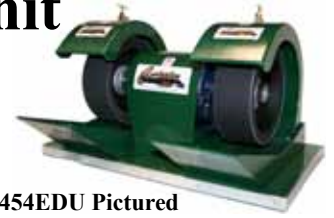
Model #	Motor	Motor #	Dimensions	Weight	Price
594EDU	110V, 60Hz	MTR199	37" x 26" x 15"	122 lbs.	\$1,200.00
5942EU	220V, 50Hz	MTR199	37" x 26" x 15"	122 lbs.	\$1,242.00



8" Expandable Drum Unit

8" Expandable Drum Unit Features:

- Powder coated cast aluminum pans and hoods
- Two 8" x 3" expandable drums
- Dual-shafted 1/3hp, 1725rpm motor
- Mounted on an aluminum-topped Lam-I-Cushion base



454EDU Pictured

Model #	Motor	Motor #	Dimensions	Weight	Price
454EDU	110V, 60Hz	MTR465	25" x 19" x 14"	61 lbs.	\$625.00
4542EU	220V, 50Hz	MTR465	25" x 19" x 14"	61 lbs.	\$667.00

The **8" Expandable Drum Unit** is an economical two-station grinder/polisher. This machine comes with two (2) 3" x 25-7/32" sand belts (100g & 220g), motor guard, instructions, and product guarantee.

8" Grinder/Polisher

8" Grinder/Polisher Features:

- Heavy-duty ball bearings, neoprene sealed and greased for life
- Powder coated aluminum castings, hood, and belt guard
- Adjustable cab and wheel rest
- Speed control with 8 rpm-changes
- 1/3hp, heavy-duty motor

The **8" Grinder/Polisher** is an excellent machine for grinding and polishing stones. With two hard wheels and one expandable drum, this unit will quickly shape and polish work pieces. The angled slots through the rubber rim of the drum allow it to expand when rotated, thereby locking the belt in place. The drum surface flexes to the contours of the gemstone quickly removing grinding flats and scratches. The hoods are easy to remove for cleaning or wheel changes. The water valve takes 1/4" OD plastic tubing for gravity water flow or 1/4" copper tubing for pressure systems. Spray nozzles under the hood wet the entire wheel face. This unit ships mounted on a rustproof aluminum-topped Lam-I-Cushion base.

The **#752 8" Silicon Carbide Grinder/Polisher** comes with two (2) 8" x 1-1/2" silicon carbide grinding wheels (100g & 220g), one (1) 8" expandable drum, one (1) 3" x 25-7/32" sanding belt (400g), and one 8" x 1"-14RH aluminum head with 8" leather disc, sample kit (polish powder, brush, dop sticks, and wax), instructions, and product guarantee.

The **#754 8" Diamond Grinder/Polisher** comes with two (2) 8" x 1-1/2" metal bond diamond grinding wheels (100g & 220g), two (2) 3" x 25-7/32" diamond cloth belts (400g & 1200g), one (1) 8" x 1"-14RH aluminum head with leather disc attached, a 5-gram syringe of 50,000 mesh diamond compound, a 2-ounce bottle of extender fluid, sample kit (polish powder, brush, dop sticks, and wax), a book about using diamond abrasives, instructions, and product guarantee.

Model #	Motor	Motor #	Dimensions	Weight	Price
752SGP	110V, 60Hz	MTR853	38" x 27" x 16"	122 lbs.	\$1,300.00
7522SP	220V, 50Hz	MTR853	38" x 27" x 16"	122 lbs.	\$1,340.00
754DGP	110V, 60Hz	MTR853	38" x 27" x 16"	122 lbs.	\$1,500.00
7542DP	220V, 50Hz	MTR853	38" x 27" x 16"	122 lbs.	\$1,540.00



754DGP Pictured



Expandable & Lever-Lock Drums

Covington's **Expandable Drums** feature angled slots through the heavy rubber rim which allow the drum to expand when rotated, thereby locking the belt in place. Belts can be quickly changed by stopping the machine, slipping off the old one and sliding on the new one. In use, the resilient drum surface flexes to the gemstones contour to quickly remove grinding flats. Run at a maximum speed of 1725rpm.

Covington's **Lever-Lock Drums** are made of sturdy cast aluminum and balanced to reduce vibration. The 3" rim is covered with sponge rubber. The lock area is threaded for setscrew-operated clamp, just loosen to remove the old cloth and retighten to secure the new. This drum comes with a 220g wet/dry sanding cloth installed. *Specify bore size when ordering, 1/2", 5/8", 3/4", or 1".



LLD452



CED625 & CED830

Order #	Description	Weight	Price
CED625	6" x 2-1/2" Expandable Drum	5 lbs.	\$65.00
CED830	8" x 3" Expandable Drum	7 lbs.	\$75.00
LLD452	8" x 3" Lever-lock Drum (specify smooth bore size)	6 lbs.	\$65.00
LLD458	8" x 3" Lever-lock Drum (1"-14RHT)	6 lbs.	\$69.00

Automatic Gem Drill



600AGD
Pictured

Automatic Gem Drill Features:

- Automatic drilling action
- 1/50hp, 115V, 60Hz motor runs at 3000rpm
- Perfect for soft stones and glass

The **Automatic Gem Drill** uses an electronic feed which mechanically raises and lowers the drill chuck 1/4". The light pressure of the feed prevents damage to diamond coated drill bits but results in a much longer drilling time. **Drill Tubes** and **180 Boron Carbide Grit** are a low cost option available for this unit. **Plastic Putty** holds the work piece. The putty can also serve as a dam to hold grit around a drill tube. This unit comes complete with 1/4" Jacobs chuck, two (2) 1-1/2mm and two (2) 2mm diamond drill bits, plastic putty, instructions, and product guarantee.

Model #	Dimensions	Weight	Price
600AGD	16" x 8" x 6"	9 lbs.	\$240.00



Manual Gem Drill

Manual Gem Drill Features:

- Lever operated with 3/4" stroke
- High speed motor and foot operated speed control
- Perfect for medium to soft gemstone material or glass
- Bracket and motor can be quickly adjusted for height
- Remove and mount motor horizontally to convert unit into a buffer or carver



605MGD
Pictured

The **Manual Gem Drill** is a versatile, light duty machine that drills quickly and accurately. This unit is powered by a 1/15hp, 5000rpm variable speed motor. The drill comes complete with a 1/4" Jacobs chuck and key, water pan, instructions, and product guarantee.

Model #	Dimensions	Weight	Price
605MGD	16" x 8" x 6"	9 lbs.	\$240.00



NBV618

Gem Drill Accessories

The **Nugget and Bead Vise** is designed to hold beads up to 3/4" in diameter for drilling. Always drill with the vise submerged in water to keep the drill bit cool and to sustain a longer drill bit life. This unit comes with a 3" diameter x 5/8" deep aluminum tank.



Made in USA



The **Putty Vise** is designed to hold small pieces of gemstone or glass for drilling. Always drill with the work piece submerged in water to keep the drill bit cool and to sustain a longer drill bit life. This unit

comes with a 3" diameter x 5/8" deep aluminum tank, a 1" square block of plastic putty and a 1/4" brass ferrule. The plastic putty holds the work piece and the brass ferrule can act as a dam to hold grit or water when drilling.

Drill Tubes are available in two sizes. **RDT601** includes two (2) each: 1-1/2mm tubes, 2mm tubes, and one (1) cleaner pin.

RDT603 includes two (2) 1/8" tubes, one (1) 3/16" tube, one (1) 1/4" tube and a cleaner pin.

Order #	Description	Weight	Price
NBV618	Nugget and Bead Vise	1 lb.	\$37.00
PPV627	Putty Vise	1 lb.	\$17.50
BCG602	1-ounce Boron Carbide Grit	1 lb.	\$5.25
CPP604	1/4-pound Plastic Putty	1 lb.	\$2.00
RDT601	Metric Drill Tubes	1 lb.	\$14.75
RDT603	Drill Tubes	1 lb.	\$14.75



Jewelry Buffer

Jewelry Buffer Features:

- Quiet, double-shafted, 1/3hp, 110V motor that runs at 3450rpm
- Powder coated sheet metal construction
- Dust collector and filter
- Exhaust fan that delivers 157CFM

The **Jewelry Buffer** is designed to burnish jewelry metals. Two (2) tapered spindles attach to the motor shafts and accommodate buffing wheels up to 6" in diameter. Two (2) light sockets provide excellent lighting. This unit ships complete with one (1) 4" muslin buff, one (1) 4" cotton flannel buff, a 1-pound bar of red rouge, instructions, and product guarantee.



1033JB Pictured

Model #	Dimensions	Weight	Price
1033JB	25" x 22" x 14"	51 lbs.	\$450.00

Bead Mill

Bead Mill Features:

- 1/3hp motor
- Small portable size model
- Mounted in a heavy-gauge powder coated housing
- Grinds up to twenty (20) 1/2" beads at a time

The **Bead Mill** makes beads from 5/16" to 3/4" in diameter. The 4-1/2" diameter x 1/2" aluminum head has a 3/8" recessed ring in the ceiling which provides a trough for the beads to follow. Milling action is achieved by rotating the chamber while the head controls the beads location. The chamber head removes quickly for easy cleaning. This machine is best suited for producing beads from hard materials such as agate, jasper, and jade. *Please note that the Bead Mill is NOT recommended for gemstone material softer than a 5 on the Mohs Scale as this machine is very aggressive.

The **#1039 Single Speed Bead Mill** runs at a set speed of 380rpm and is available in a 220V, 50Hz model. This unit comes complete with instructions and product guarantee.

The **#1040 Two-Speed Bead Mill** operates at 380rpm and 250rpm. The faster speed is best suited for finishing beads after an initial grind. The slower speed reduces the abrasive action and should be used when milling softer materials

such as malachite, rhodochrosite, and turquoise. These materials require light head pressure and finer abrasive grit. This unit comes complete with instructions and product guarantee.

*Please note that there is NOT a 220V, 50Hz model available in two-speed.



1039BM Pictured

Model #	Description	Dimensions	Weight	Motor	Price
1039BM	Single Speed	24" x 12" x 16"	75 lbs.	110V, 60Hz	\$650.00
1038BM	Single Speed	24" x 12" x 16"	75 lbs.	220V, 50Hz	\$690.00
1040BM	Two-Speed	24" x 12" x 16"	75 lbs.	110V, 60Hz	\$775.00
MH1039	Milling Head	6" x 6" x 3"	2 lbs.	-	\$39.00
BC1039	Extra Chamber	10" x 10" x 10"	6 lbs.	-	\$145.00



6" Faceter's Saw & Grinder

6" Faceter's Saw and Grinder Features:

- Powder coated cast aluminum tank
- Cast aluminum table top
- 1/2" shaft with 2 sealed ball bearings, greased for life
- Adjustable cast aluminum blade/wheel guard

The **6" Faceter's Saw and Grinder** is a "build-your-own" style machine designed to cut and grind small work pieces. This unit mounts either a 6" diamond blade or a 6" x 1/2" grinding wheel. An adjustable guard fits both the grinding wheel and the blade. The blade and wheel

Order #	Dimensions	Weight	Price
FGS496	14" x 12" x 9"	12 lbs.	\$266.00

are easy to change. This unit requires a 1/4hp or 1/3hp motor. *Please note that the motor, grinding wheel, and saw blade are not included.



FGS496 Pictured

6" Beginners Gem Shop



457BGS Pictured

The **6" Beginners Gem Shop** is an inexpensive "build-your-own" style unit that saws, grinds, and polishes gemstones. It is especially useful for those who already have a 1/4hp

or 1/3hp, 1725rpm motor. This unit mounts either a 6" diamond blade or a 6" x 1/2" grinding wheel, and has a 6" diameter backing plate attachment. The saw table lifts out in order to grind work pieces. The blade/wheel safety guard adjusts for both sawing and grinding operations. This unit comes with a 6" Covington Gold Series diamond blade, one (1) 6" x 1/2" silicon carbide grinding wheel (100g), backing plate for sanding and polishing discs, one (1) sanding disc (220g), a leather polishing disc, sample kit (#1 Koolerant, polish powder, brush, dop stick, and dop wax), instructions, and product guarantee.



Order #	Dimensions	Weight	Price
BGS457	16" x 12" x 10"	16 lbs.	\$375.00

6" Cab King



6" Cab King Features:

- Direct drive 1/4hp, 1800rpm motor
- Individual water shut-off valves above each wheel and grinding/polishing pad
- 8 work stations, six (6) wheels, and two (2) end stations
- Clean water system provides contamination free work stations
- 110/115V, 605GPH, 30W pump
- 6W, 12V Lamp
- Available in 220V, 50Hz



6" Cab King Front View

The **6" Cab King** is an excellent unit for making cabochons. This 8-station grinder/polisher comes complete with two (2) 6" x 1-1/2" metal bonded diamond wheels (80g & 220g), four (4) 6" x 1-1/2" resin bonded diamond wheels (280g, 600g, 1200g, & 3000g), one (1) 6" x no hole diamond flat lap (320g), one (1) 5-1/2" x no hole canvas polishing pad, a 2-gram syringe of diamond paste compound (14,000g), goggles, apron, and a separate submersible pump. Built on a sturdy base board, this unit features aluminum splash hoods with adjustable clear splash shields, plastic pans with drain holes, side splash guards, and metal hand rests.

One year limited warranty on motor and parts (wheels not covered).



6" Cab King Side View

Order #	Motor	Dimensions	Weight	Price
CABK06	110V, 60Hz	31" x 16" x 15"	60 lbs.	\$1,399.00
CABK62	220V, 50Hz	31" x 16" x 15"	60 lbs.	\$1,399.00

8" Cab King

8" Cab King Features:

- Direct drive 3/4hp, 1800rpm, 110V, 60Hz motor
- Individual water shut-off valves above each wheel and grinding/polishing pad
- 8 work stations, six (6) wheels, and two (2) end stations
- Clean water system provides contamination free work stations
- 110/115V, 605GPH, 30W pump
- 6W, 12V Lamp
- **ASSEMBLY REQUIRED**



***New industrial sized Cab King!**

8" Cab King Front View



5-1/2" Canvas Polish Pad

The **8" Cab King** is a professional grade unit for making cabochons. This 8-station grinder/polisher comes complete with two (2) 8" x 1-1/2" metal bonded diamond wheels (80g & 220g), four (4) 8" x 2" resin bonded diamond wheels (280g, 600g, 1200g, & 3000g), one (1) 8" x no hole diamond flat lap (320g), one (1) 5-1/2" x no hole canvas polishing pad, a 2-gram syringe of diamond paste compound (14,000g), goggles, apron, and a submersible pump. Built on a sturdy base board, this unit features stainless steel splash hoods with adjustable clear splash shields, plastic pans with drain holes, side splash guards, and metal hand rests. One year limited warranty on motor and parts (wheels not covered). *Please note that this unit ships in 3 boxes, and must be assembled.



8" Diamond Flat Lap

Order #	Motor (Box 1)		Hood, Base, Accessories (Box 2)		Wheels (Box 3)		Price
	Dimensions	Weight	Dimensions	Weight	Dimensions	Weight	
CABK08	40" x 13" x 14"	75 lbs.	50" x 17" x 18"	58 lbs.	20" x 14" x 11"	25 lbs.	\$2,399.00



Gem Templates



All Covington Templates



Rock Marking Template

Covington's **Gem Templates** are a basic piece of lapidary hardware used to scribe cabochon shapes on rock slabs prior to trim sawing. The colorful, easy-to-recognize, .030 thick, anodized aluminum templates are rigid, and excellent for quick measuring or stenciling. Both sides of a cabochon may be scribed by placing a slab between two connected templates (doubles) and outlining each side. Grinding proceeds faster and more accurately using this method.

Order #	Description	Weight	Price
CGT325	Single Blue Template	1 lb.	\$6.00
CGD325	Double Blue Template	1 lb.	\$13.00
CGT326	Single Gold Template	1 lb.	\$6.00
CGD326	Double Gold Template	1 lb.	\$13.00
CGT327	Single Red Template	1 lb.	\$6.00
CGD327	Double Red Template	1 lb.	\$13.00
CGT328	Set of 3 Single Aluminum Templates w/ Scribing Pencil	1 lb.	\$17.00
CPT345	Plastic Blue Template	1 lb.	\$4.00
CPT346	Plastic Gold Template	1 lb.	\$4.00
CPT347	Plastic Red Template	1 lb.	\$4.00
CPT348	Set of 3 Plastic Templates w/ Scribing Pencil	1 lb.	\$11.00
CRM350	Rock Marking Template	1 lb.	\$6.00
TAP626	Aluminum Scribing Pencil	1 lb.	\$1.30

Covington's **Rock Marking Template** is great for creating all varieties of squares and rectangles from 1mm to 5cm using easy-to-adjust knurled aluminum nuts.



CGT325



CGT326



CGT327

Dopping Supplies

Green Dop Wax: Has been the industry standard for many years. It has a very strong bond and softens at 150 degrees Fahrenheit.

Black Dop Wax: Black facet wax is an extra strong, high temperature wax that softens at 170 degrees Fahrenheit.

Dop Sticks: A set of ten (10) 4" long hardwood sticks comes with 2-each; 1/8", 1/4", 5/16", 3/8", and 1/2" diameters.



Top: CDW625
Bottom: CDW624



HDS625



EDS083 Pictured

Order #	Description	Weight	Price
EDS083	110V Electric Dop Stove	3 lbs.	\$54.00
CDP084	Extra Copper Dop Pot	1 lb.	\$21.00
CDW624	1 lb. Green Dop Wax	2 lbs.	\$14.00
CDW625	1 lb. Black Dop Wax	2 lbs.	\$14.00
HDS625	Hard Wood Dop Sticks	1 lb.	\$3.50

Covington's **Electric Dop Stove** comes complete with a removable copper pot. Operates on 110V, 60Hz current and consumes no more power than a 50-watt bulb. Allow 15 minutes for dop wax to reach the proper temperature. Dop stove will maintain the proper temperature for as long as it is in operation. This unit can also be used as a pickling pan and wax heater for silversmiths and jewelry designers.

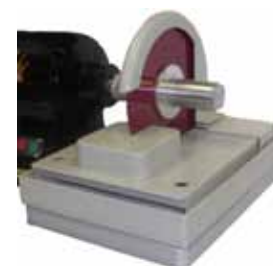


**New 8" trim saw attachment available!*



Cab King Trim Saw Attachment

The **Cab King Trim Saw Attachment** features an 8" sintered blade, plastic blade guard, drip pan, pan support, splash guards, saw platform, and an additional platform for small rough stone. Spin off the right hand wheel and adapter, and spin on the special saw adapter with blade, set in place, and start cutting.



CABTSA

Order #	Dimensions	Weight	Price
CABTSA	14" x 10" x 5"	5 lbs.	\$299.00

To Order Call: 1-877-793-6636

See Page 35 for Koolerants



Heavy-Duty Stands

Covington's Heavy-Duty Equipment Stands are designed for use with Covington machines. Stands are made of heavy gauge steel and powder coated to resist rust. *Please note that the optional Lam-I-Cushion top and door kit are sold separately.

Heavy Duty Equipment Stands are designed to be used with Covington machines. Available in a variety of sizes, these stands are built to a comfortable height of 32". These stands are made with 1-1/2" steel box tube. Just choose which stand you need based on the base size of your machine.

The #467 Small Cabinet Stand is designed to hold all Covington 8" combination units. An optional Lam-I-Cushion table top and door kit are available to convert this stand into a workbench.

The #386 Large Cabinet Stand makes an excellent multi-purpose workbench. An optional Lam-I-Cushion table top and door kit are available to convert this stand into a workbench.



SCS467



LCS386



CSS264

Made in USA



CGS200

Order #	Description	Size	Dimensions	Weight	Price	Table Top	Door Kit
CSS264	Sander Stand	12" x 24"	39" x 39" x 17"	75 lbs.	\$175.00	-	-
CGS200	Grinder Stands	24" x 22"	25" x 22" x 32"	100 lbs.	\$200.00	-	-
CTS250	Trim Saw Stand	24" x 16"	25" x 17" x 32"	90 lbs.	\$185.00	-	-
CCS254	Combo Stand	18" x 36"	19" x 36" x 32"	130 lbs.	\$245.00	-	-
LCS386	Large Cabinet Stand	12" x 36"	39" x 39" x 17"	70 lbs.	\$157.50	\$52.50	\$36.75
SCS467	Small Cabinet Stand	24" x 36"	37" x 26" x 16"	50 lbs.	\$131.25	\$42.00	\$36.75

Custom sizes are available in the heavy-duty stands, call for a quote.

Pans & Hoods

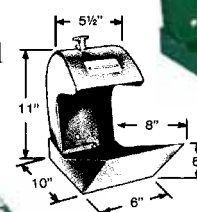
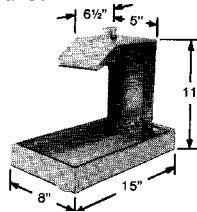
Order #	Description	Dimensions	Weight	Price
CSP422	Cast Aluminum Pan & Hood: Fits 10" Wheels	16" x 12" x 10"	15 lbs.	\$140.00
CSP591	Sheet Metal Pan & Hood: Fits 8" Wheels	16" x 12" x 10"	12 lbs.	\$81.00
CSP541	Sheet Metal Pan & Hood: Fits 10" Wheels	16" x 12" x 10"	11 lbs.	\$82.95
WG5056	Sheet Metal Wheel Guard & Tank: Fits 10" Wheels	23" x 13" x 10"	10 lbs.	\$94.50

#CSP422: Powder coated cast aluminum pan and hood, fits up to 10" wheels.

#CSP591: Powder coated sheet metal pan and hood, fits up to 8" wheels. The hood is 5" wide and can be assembled to 8" wide pan in left, center, or right positions.

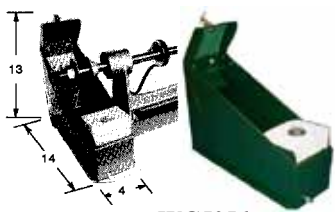
#CSP541: Powder coated sheet metal pan and hood are designed for low water, high access grinding. Excellent for almost any glass studio.

#WG5056: Powder coated guard consists of tank, sponge, bench, and back plate. Removable tank sides permit easy wheel change. Adjustable sponge bench minimizes splash. Back plate with spray nozzle adjusts to 6", 8", and 10" wheels.



CSP422

CSP541



CSP591

WG5056

Water & Drain Accessories



BLV488

CSN808

BLU644-CAT158-BLU654

Order #	Description	Weight	Price
CSN808	Spray Nozzle - Screws onto bottom of L-Valve	1 lb.	\$3.95
BLV488	Single L-Valve - For single wheel hoods and sanders	1 lb.	\$7.40
BLU654	Single L-Union - For connecting L-Valves into manifold	1 lb.	\$4.00
BLU644	Single T-Union - For connecting two or more in a manifold	1 lb.	\$5.25
CPT014	1/4" Tubing - 10' of 1/4" OD polyethylene tubing	1 lb.	\$3.70
CPT058	5/8" Tubing - 10' of 5/8" OD polyethylene tubing	1 lb.	\$6.00
CAT158	Aluminum Tube: 1-5/8" aluminum tube for manifold spacing	1 lb.	\$1.00
CWP001	Water Pad	1 lb.	\$1.00

See Page 27 for Arbors

www.covington-engineering.com



Diamond Blade Koolerants

Covington Blade Koolerant #1: This general purpose Koolerant is designed for use when sawing any size rock up to a 6 on the Mohs hardness scale, or any size rock that responds to a low/medium heat factor at blade contact. This clean-to-use Koolerant is non-flammable. Add 9 parts of water to each part of Covington's concentrated diamond blade Koolerant #1. Mix well before pouring into the saw.

Covington Blade Koolerant #2: Covington's #2 Koolerant is designed for cutting large pieces of hard or dense rock. This Koolerant is an excellent choice for sawing any size rock that requires a high heat factor at blade contact because of the raised flashpoint. Add 9 parts of light form oil (Rock Hound Oil, mineral oil, etc.) to each part of Covington's concentrated diamond blade Koolerant #2. Mix well before pouring into the saw.

Covington's Rock Hound Oil: Rock Hound Oil is one of the finest coolants on the market. This mineral based oil has no distasteful odor and features excellent cooling

properties that extend the life of the blade and saw. Covington's recommends this oil for all saws over 10" or for cutting hard stone. A high flashpoint of 230 degrees Fahrenheit ensures safe operation in all conditions.

CK1016,
CK2016, &
RHO016 Pictured



Right:
CK1100
Pictured



Left:
RHO500
Pictured

Description	Quart		Gallon		5-Gallon	
	Order #	Price	Order #	Price	Order #	Price
#1 Koolerant	CK1016	\$6.50	CK1100	\$22.00	CK1500	\$100.00
#2 Koolerant	CK2016	\$6.50	CK2100	\$22.00	CK2500	\$100.00
Rock Hound Oil	RHO016	\$7.50	RHO100	\$22.00	RHO500	\$90.00
Weight	6 lbs.		10 lbs.		42 lbs.	

Koolerant Pumps & Tanks



CKP620

The Complete Submersible Pump/Tank is a self-contained pump system that can eliminate city water hook-up for grinding units or supply mixed Koolerant and light mineral oil to diamond saws. This unit has large capacity tank with two graduated dividers to separate sediment, and 10 feet of 3/8" vinyl tubing. Wheels on the tank make moving it easy. All pumps operate on 110V, are supplied with 3 prong grounded plug and cord (CSP805 pump), and pump 200GPH at 1ft, 105GPH at 5-feet. The tank holds approximately 17.5-gallons.

Covington's Submersible Pump will pump 200 gallons per hour at 1-foot or 105 gallons per hour at 5-feet. **Covington's Pressure Tank** is ideal for the small workshop or wherever there is no water supply handy. Just fill the tank with water, hook up to brass valve, and pump. Works excellent on all Covington equipment with a valve and spray nozzle.

Covington's Sander and Grinder Drain Kit comes with 6-feet of PVC and a 3/8" pipe adapter.



CPT200



CDK001



CSP806



CSP805

Order #	Description	Dimensions	Weight	Price
CKP620	Complete Submersible Pump/Tank Unit	32" x 20" x 16"	70 lbs.	\$350.00
CSP805	Submersible Pump (Oil & Water)	8" x 6" x 4"	6 lbs.	\$100.00
CSP806	Submersible Pump (Water Only)	8" x 6" x 4"	5 lbs.	\$55.00
CPT200	2-Gallon Pressure Tank	9" x 9" x 25"	7 lbs.	\$22.00
CDK001	Sander & Grinder Drain Kit	12" x 9" x 3"	3 lbs.	\$15.50

Covington saws are "Immersion Type" wherein the diamond blade runs in a reservoir of cooling fluid. The Koolerant mix should stand up 1/4" to 3/8" on the bottom of the blade. The formula for determining the amount of fluid needed is stated as follows in inches, Length x Width x Depth / 231 (cubic inches per gallon). See the following chart for the approximate amount of fluid needed to fill a tank to the proper level.

Trim Saws		1100 Series Combo Saws		700 Series Slab Saws		Slab Saws	
Saw Size	Amount	Saw Size	Amount	Saw Size	Amount	Saw Size	Amount
6"	1 quart	12"	6-1/2 gallon	18"	5-1/2 gallon	30"	22 gallon
8"	1/2 gallon	14"	4-1/2 gallon	20"	4-1/2 gallon	36"	23-1/4 gallon
10"	1/2 gallon	16"	2-1/4 gallon	24"	9-1/2 gallon	-	-
Fluid amounts are approximations and will vary depending blade and saw, please use chart as guidelines for purchase							



Polishing Compounds

*Cerium Oxide

Covington's high quality 85% pure, optical grade cerium is excellent for polishing glass. One of the best all purpose polishes, cerium will polish quartz, agate, opal, obsidian, etc.

*Spray Bottle W/ Cerium

Comes complete with initial load of cerium oxide. Just add water, shake, and spray onto polishing pad to begin.

Spray Bottle Only

A 32-ounce spray bottle for applying most polishing powders.

*Chrome Oxide

This green powder is a hard polishing agent used to polish jade, garnet, rhodonite, and lapis.

Covington Gold Polish #1

This 99% pure micro-alumina polish powder works superbly with vibrating tumblers, laps, and ultrasonic machines. Great for polishing petrified wood, agate, rhodocrosite, jade and other hard stones. Approximately 2-3 microns and a 9 on the Mohs scale (compares with Tin Oxide).

Covington Gold Polish #2

A 99% pure micro alumina polishing powder that works great in vibrating tumblers, laps, and ultrasonic machines, or in combination with leather or felt. This polish is an excellent choice for achieving a super-fine polish on all hard and soft stones. Approximately .5 microns and a 9 on the Mohs scale (compares with Linde 'A' Polish).

Covington Tumbler Polish

This 98% pure levigated alumina polish powder is excellent for tumbling, pre-polishing, and plate lapping.

Linde 'A' Polish

A .3 micron alumina powder that is 99.98% pure aluminum oxide and a 9 on the Mohs scale. Linde 'A' will polish almost any gemstone.

Oxalic Acid

A cleaning powder used to remove iron stains from gemstone slabs.

Pumice, 1 (Very Coarse)

Very coarse pumice for quick grinding, recommended for experienced users. Sand-like in appearance.

Pumice, 0-1/2 (Coarse)

Coarse pumice for quick grinding, recommended for experienced users.

Pumice, 2F (Medium-Fine)

Use to remove grease or stains from glass surfaces. This pumice creates an excellent pre-polish on glass. Use with cork belts, wheels, or discs. Can be applied with wet rag, or felt block.

Pumice, 4F (Very-Fine)

Use on cork belts, wheels, or discs for

semi-polishing the edges or bevels on glass plate. This pumice creates an excellent pre-polish on glass.

Red Rouge Powder

Use this inexpensive polish powder for tumbling. Use with walnut shell to polish brass and other metals. This powder can be used as a final polish for glass and obsidian.

*Tin Oxide

This 99.9% high purity tin oxide provides an excellent polish on almost any gemstone including hard-to-polish stones.

Tripoli Powder

A great pre-polish, cream-colored polishing compound.

Polish Accessories		
Description	Order #	Price
Spray Bottle W/ Cerium	CSB001	*\$
Spray Bottle Only	CSB032	\$3.50
Shipping Weight	2 lbs.	



Pumice, 2F

Specialty Polishes	1 oz.		8 oz.	
Description	Order #	Price	Order #	Price
Linde 'A' Polish	LAP001	\$8.20	LAP008	\$59.00
Shipping Weight	1 lb.		1 lb.	

**Call or see website for current pricing*

Polishing Powders	1 lb.		5 lbs.		50 lbs.	
Description	Order #	Price	Order #	Price	Order #	Price
Cerium Oxide	C85001	*\$	C85005	*\$	-	-
Chrome Oxide	COP001	*\$	COP005	*\$	-	-
Cov. Gold Polish #1	CGP001	\$7.95	CGP005	\$35.75	CGP050	\$321.75
Cov. Gold Polish #2	CGP201	\$14.95	CGP205	\$67.25	CGP250	\$605.25
Cov. Tumbler Polish	CTP001	\$5.80	CTP005	\$26.00	-	-
Oxalic Acid	OAP001	\$4.20	OAP005	\$18.90	-	-
Pumice, 1	PUM501	\$2.35	PUM505	\$10.50	PUM550	\$73.50
Pumice, 0-1/2	PUM101	\$2.35	PUM105	\$10.50	PUM150	\$73.50
Pumice, 2F	PUM201	\$2.35	PUM205	\$10.50	PUM250	\$73.50
Pumice, 4F	PUM401	\$2.35	PUM405	\$10.50	PUM450	\$73.50
Red Rouge Powder	RRP001	\$7.50	RRP005	\$33.75	-	-
Tin Oxide	TOP001	*\$	TOP005	*\$	-	-
Tripoli Polish	TPP001	\$3.95	TPP005	\$17.60	-	-
Shipping Weight	2 lbs.		6 lbs.		53 lbs.	

Old Miser®

Old Miser is a binding agent designed to hold grit to a workpiece so that it isn't thrown off by centrifugal force or washed away by water. This compound assists by quickly making a slurry and holding the grit to the stone thereby speeding up the process and saving grit. Old Miser is water-soluble and washes off the specimen easily. Pays for its cost many times over in grit and time saved.



Order #	Description	Weight	Price
OMGC01	12-oz. Old Miser	2 lbs.	\$6.00
OMGC05	5-lb. Old Miser	6 lbs.	\$33.75



Burnishing Compound

A high-quality burnishing and lubricating compound that works great for both silver and gold. Use in the ratio of 1-tablespoon to 1-gallon of water, adjust if necessary. This compound creates bright, clean finishes.

Ceramic Angle

Ceramic angle is an excellent filler, it adds weight to the load for increased tumbling action, separates work pieces

to keep parts from sticking together, and assists in carrying grain to work pieces. Covington's ceramic media #2 contains a mild abrasive, #1 and #3 contain no abrasives. All ceramic media is cylindrical with slanted cuts on both ends for better de-burring action.

Corn Cob

Made from the hard woody ring of the corncob, it is used as a very gentle finishing and drying media for polishing and burnishing metals.

Garnet Sand

An excellent aid to grinding and

Tumbling Media

polishing in a vibrating or rolling tumbler. The small size aids in reaching hard-to-get areas. Use 1/4-cup of garnet sand per quart of rocks. Use the mixture from rough grind through polish. 8/12 mesh.

Ground Walnut Shell

Use in a tumbler with a pinch of red rouge powder to put a brilliant polish on brass shell cartridges, silver, gold jewelry, and coins.

Plastic Pellets

1/8" pellets act as a cushion when tumbling delicate materials, especially during a polishing cycle. Pellets float off for easy separation and re-use.

Plastic Pyramids

1/4" plastic media used wet on all precious metals for cut down prior to burnishing with steel shot. This is a fast cutting media that produces an excellent finish. The plastic pyramids are made with a 400-grit quartz abrasive embedded inside.

Steel Shot

A superior mix of balls, pins, ball-cones, and cylinders. Just the right sizes for jewelry work. The mixture ensures maximum coverage of a wide variety of work pieces. Shot is made from hard, low-carbon steel with a mirror bright surface.

Tumbling Media Description	1 lb.		5 lbs.	
	Order #	Price	Order #	Price
Burnishing Compound	BRN001	\$7.00	BRN005	\$31.50
Ceramic Angle #1: 3/8" x 5/8"	CCA001	\$3.50	CCA015	\$15.75
Ceramic Angle #2: 1/4" x 5/8"	CCA002	\$3.50	CCA025	\$15.75
Ceramic Angle #3: 5/32" x 5/16"	CCA003	\$5.70	CCA035	\$25.65
Corn Cob	CCC001	\$2.25	CCC005	\$10.00
Garnet Sand	CGS001	\$2.25	CGS005	\$10.00
Plastic Pellets	PPS001	\$4.00	PPS005	\$18.00
Plastic Pyramids	PYR001	\$4.50	PYR005	\$20.25
Steel Shot	CSS001	\$9.50	CSS005	\$42.75
Walnut Shell Coarse	GWSC01	\$2.00	CWSC05	\$9.00
Walnut Shell Fine	GWSF01	\$2.00	CWSF05	\$9.00
Shipping Weight	2 lbs.		6 lbs.	



Ceramic Angle #1



Plastic Pyramids



Steel Shot



Plastic Pellets



Made in USA



**These silicon carbide grits are manufactured in the United States. They are baked longer than standard grits, making them higher quality and longer lasting. These grits are a 9 on the Mohs scale.*

Silicon Carbide Grits Silicon Carbide Non-Graded Grits

	1 lb.		5 lbs.		50 lbs.	
Description	Order #	Price	Order #	Price	Order #	Price
*60/90g - 80g	SC1080	\$3.75	SC5080	\$17.00	SCB080	\$119.00
*120/220g - 220g	SC1220	\$4.00	SC5220	\$18.00	SCB220	\$126.00
*3F - 400g	SC1400	\$5.90	SC5400	\$26.50	SCB400	\$185.00
*5F - 600g	SC1600	\$8.75	SC5600	\$39.25	SCB600	\$255.00
8F - 800g	SC1800	\$5.00	SC5800	\$22.50	SCB800	\$200.00
1000g	SC1100	\$9.75	SC5100	\$43.90	SCB100	\$382.50
1200g	SC1120	\$6.50	SC5120	\$29.25	SCB120	\$263.25
Shipping Weight	2 lbs.		6 lbs.		53 lbs.	

Silicon Carbide Graded Grits

	1 lb.		5 lbs.		50 lbs.	
Description	Order #	Price	Order #	Price	Order #	Price
14g	GG1014	\$4.00	GG5014	\$18.00	GGB014	\$126.00
60g	GG1060	\$4.15	GG5060	\$18.65	GGB060	\$135.00
80g	GG1080	\$4.15	GG5080	\$18.65	GGB080	\$135.00
120g	GG1120	\$4.50	GG5120	\$19.00	GGB120	\$142.50
220g	GG1220	\$4.75	GG5220	\$20.00	GGB220	\$147.00
320g	GG1320	\$3.45	GG5320	\$15.50	GGB320	\$139.50
400g	GG1400	\$4.75	GG5400	\$20.00	GGB400	\$147.00
600g	GG1600	\$5.00	GG5600	\$22.50	GGB600	\$175.00
Shipping Weight	2 lbs.		6 lbs.		53 lbs.	



Covington only buys the highest quality of grit. These graded grits are baked longer than standard silicon carbide grits making it a higher quality and longer lasting product.



SGPK01

Grit & Polish Kits

Tumbler & Lapping Grit & Polish Kits			
Order #	Description	Weight	Price
SGPK01	Starter Grit & Polish Kit (Includes 1-lb. 60/90g, 12-oz. 120/220g, 12-oz. 3-F/400g, 6-oz. Old Miser, & 6-oz. Covington Tumbler Polish)	6 lbs.	\$16.00
LGK001	Lapping Grit Kit (Includes 1-lb. 60/90g, 1-lb. 120/220g, & 1-lb. 3-F/400g)	4 lbs.	\$12.25
TGP001	Tumbler Grit & Polish Kit (Includes 1-lb. 60/90g, 1-lb. 120/220g, 1-lb. 3-F/400g, 12-oz. Old Miser, & 1-lb. Covington Tumbler Polish)	6 lbs.	\$22.90
JGK005	Jumbo Grit & Polish Kit (Includes 5-lbs. each of 60/90g, 120/220g, 3-F/400g, Old Miser, & Covington Tumbler Polish)	28 lbs.	\$110.25

Specialty Compounds



Red Rouge Bar: Use with gold, silver, and soft metals. The red rouge bar is ideal for producing a final high color and luster. 1-lb Bar.

White Diamond XXX: For extra fast cutting of all metals. Use with red rouge. 12-oz. Bar.

Tripoli Bar: Eliminates surface scratches. Use with red rouge for a final polish. 12-oz. Bar.

Wham Bar: Produces an exceptionally fine finish on hard metals such as nickel, steel, chromium, and stainless steel. 4-oz. Bar.

White Rouge: Quickly polishes hard metals such as nickel, steel, chromium, and stainless steel. .84-lb. Bar.

Order #	Description	Weight	Price
RRB001	Red Rouge 1-lb.	2 lbs.	\$9.00
WDB001	White Diamond 12-oz.	2 lbs.	\$3.50
BTB001	Tripoli 12-oz.	2 lbs.	\$2.75
WPB001	Wham 4-oz.	1 lb.	\$3.75
WRB001	White Rouge .84-lb.	2 lbs.	\$7.50

Diamond Drill Bits

Diamond Drill Bits are designed to cut through any type of stone surface. **Sintered Core Drills** are durable and long-lasting. The **Crinkled Rim Core Drill** is nickel plated, has a high diamond concentration and cuts quickly through most stone. The crinkling aids in faster cutting and stone removal.



Badger
Sintered
Drill Bits



Notched Rim
Crinkled Core Drill

Top: Bonded Diamond Drill Bit
Right: Sintered Drill Bits



Bonded Diamond Core Drill Bits			
Order #	Size	Price Each 1-9	Price Each 10+
BCD100	1.00mm	\$3.00	\$2.50
BCD150	1.50mm	\$3.00	\$2.50
BCD200	2.00mm	\$3.00	\$2.50
BCD250	2.50mm	\$3.50	\$3.00
BCD300	3.00mm	\$5.00	\$4.25
BCD350	3.50mm	\$5.50	\$4.75

Sintered Drill Bits		
Order #	Size	Price Each
SDB001	1.0mm	\$20.00
SDB002	1.2mm	\$20.00
SDB003	1.4mm	\$20.00
SDB004	1.7mm	\$20.00
SDB005	2.0mm	\$20.00

Notched Rim Crinkled Core Drills		
Order #	Size	Price Each
CCD004	4mm	\$5.00
CCD005	5mm	\$5.25
CCD006	6mm	\$7.00
CCD008	8mm	\$9.00
CCD010	10mm	\$12.00
CCD012	12mm	\$13.00
CCD014	14mm	\$15.00
CCD016	16mm	\$16.00
CCD018	18mm	\$17.00
CCD020	20mm	\$19.00
CCD025	25mm	\$22.00
CCD030	30mm	\$25.00
CCD035	35mm	\$27.00



Sintered
Core Drill

Bonded Diamond Drill Bits				
Order #	Size	Price Each 1-9	Price Each 10-49	Price Each 50+
BDD075	0.75mm	\$2.25	\$1.75	\$1.00
BDD100	1.00mm	\$2.25	\$1.75	\$1.00
BDD150	1.50mm	\$2.25	\$1.75	\$1.00
BDD200	2.00mm	\$2.25	\$1.75	\$1.00
BDD250	2.50mm	\$2.25	\$1.75	\$1.00

Sintered Core Drill Bits		
Order #	Size	Price Each
SCD001	1/2"	\$35.00
SCD002	3/4"	\$39.00
SCD003	1"	\$56.00
SCD004	1-1/4"	\$62.00
SCD005	1-1/2"	\$88.00
SCD006	2"	\$110.00



Diamond Faceting Discs are designed for both commercial and hobbyist applications.



CFL606

These plated steel discs are used for faceting, glass grinding, intarsia, and general lapidary applications. The discs attach to backing plates with contact cement for permanent mounting, and are also available with a backing plate attached.

Diamond Faceting Discs

Grit	6" Faceting Discs				8" Faceting Discs			
	w/o Backing Plate	w/ Backing Plate	w/o Backing Plate	w/ Backing Plate	w/o Backing Plate	w/ Backing Plate	w/o Backing Plate	w/ Backing Plate
	Order #	Price	Order #	Price	Order #	Price	Order #	Price
60g	CFL606	\$50.00	CFB606	\$78.00	CFL806	\$60.00	CFB806	\$94.00
80g	CFL608	\$46.00	CFB608	\$74.00	CFL808	\$56.00	CFB808	\$90.00
100g	CFL610	\$38.00	CFB610	\$66.00	CFL810	\$48.00	CFB810	\$82.00
180g	CFL618	\$34.00	CFB618	\$62.00	CFL818	\$44.00	CFB818	\$78.00
260g	CFL626	\$28.00	CFB626	\$56.00	CFL826	\$36.00	CFB826	\$70.00
360g	CFL636	\$28.00	CFB636	\$56.00	CFL836	\$36.00	CFB836	\$70.00
600g	CFL660	\$22.00	CFB660	\$50.00	CFL860	\$32.00	CFB860	\$66.00
1200g	CFL612	\$20.00	CFB612	\$48.00	CFL812	\$30.00	CFB812	\$64.00
3000g	CFL630	\$50.00	CFB630	\$78.00	CFL830	\$60.00	CFB830	\$94.00
Backing Plate	CBP006	\$30.00	-	-	CBP008	\$40.00	-	-

Grit	Order #	Weight	Price
60g	FFL606	3 lbs.	\$78.00
80g	FFL608	3 lbs.	\$74.00
100g	FFL610	3 lbs.	\$66.00
180g	FFL618	3 lbs.	\$62.00
360g	FFL636	3 lbs.	\$56.00
600g	FFL660	3 lbs.	\$50.00

Full Face Lap Plates

Covington's **Full Face Lap Plates** are nickel electroplated for superior bonding of diamonds and longer life. These are the same plates used with the 6" and 8" Cab Kings. Each disc is attached to a backing plate and has a 1/4"-20 mounting post.



FFL610
Backside



FFL610

To Order Call: 1-877-793-6636



Diamond Lapidary & Glass Blades

Covington's Platinum 215 Series Glass Blade

Covington's Platinum 215 Series Glass Blade is a sintered blade that features a heavy concentration of finer mesh diamond and a softer matrix than other sintered blades, making this blade an excellent choice for cutting glass and other soft materials.



Order #	Diameter	Core/Rim	Arbor	Weight	Price
CPG215	10"	0.065	1/2"-5/8"	3 lbs.	\$110.00

Covington's Platinum 1000 Glass Blade

Covington's Platinum 1000 Series Plated Blades are a significant breakthrough after years of research and development. These ultra-thin blades are made of stainless steel, and designed to conserve gem materials while holding waste to an unprecedented minimum. This makes them an ideal choice for cutting glass and precious materials such as sapphire, jade, ruby, and opal. Because it is a plated blade it cuts at twice the speed of ordinary lapidary blades. The ultra-thin rim cuts with little chipping and leaves a remarkably smooth surface requiring less polishing time. *Please specify arbor size when ordering, 1/2", 5/8".



Order #	Diameter	Core Width	Arbor	Weight	Price
CP1004	4"	0.012	1/2"-5/8"	1 lb.	\$19.50
CP1005	5"	0.012	1/2"-5/8"	1 lb.	\$27.50
CP1006	6"	0.012	1/2"-5/8"	2 lbs.	\$31.50
CP1060	6"	0.025	1/2"-5/8"	2 lbs.	\$31.50
CP1008	8"	0.012	1/2"-5/8"	3 lbs.	\$36.50
CP1080	8"	0.025	1/2"-5/8"	3 lbs.	\$36.50
CP1010	10"	0.032	1/2"-5/8"	3 lbs.	\$49.50

Covington's Platinum 301 Blade

Order #	Diameter	Core Width	Arbor	Weight	Price
CP3106	6"	0.025	1/2"-5/8"	2 lbs.	\$62.00
CP3108	8"	0.040	1/2"-5/8"	3 lbs.	\$85.00
CP3110	10"	0.040	1/2"-5/8"	3 lbs.	\$100.00
CP3112	12"	0.065	1"-5/8"	5 lbs.	\$155.00
CP3114	14"	0.065	1"-5/8"	7 lbs.	\$235.00
CP3116	16"	0.065	1"-5/8"	10 lbs.	\$300.00
CP3118	18"	0.085	1"-3/4"	12 lbs.	\$360.00
CP3120	20"	0.085	1"-3/4"	14 lbs.	\$400.00

Covington's Platinum Series 301

Lapidary Blades are made with a higher diamond concentration and a higher carbon content steel core for improved tension memory. The solid diamond sintered kerf provides better cutting performance and improved coolant flow. Covington's Platinum 301 is an excellent choice for cutting hard materials such as agate, petrified wood, or jade. *Please specify arbor size when ordering, 1/2", 5/8", 3/4", or 1".



Covington's Professional Grade 303

Platinum Series Blades are designed for lapidary materials. The Covington Platinum 303 produces smooth cuts and is excellent for cutting rare or valuable materials where waste must be held to a minimum and a fast cut is essential. The professional platinum series blades last longer and cut faster than ordinary notched-rim or plated-diamond blades. *Please specify arbor size when ordering, 1/2", 5/8", 3/4", or 1".



Covington's Platinum 303 Blade

Order #	Diameter	Core Width	Arbor	Weight	Price
CP3304	4"	0.020	1/2"-5/8"	2 lbs.	\$42.00
CP3306	6"	0.032	1/2"-5/8"	2 lbs.	\$51.50
CP3308	8"	0.025	1/2"-5/8"	3 lbs.	\$60.00
CP3310	10"	0.032	1/2"-5/8"	3 lbs.	\$68.00
CP3312	12"	0.065	1/2"-5/8"	5 lbs.	\$175.00
CP3314	14"	0.065	1"-5/8"	7 lbs.	\$195.00
CP3316	*16"	0.085	1"-5/8"	10 lbs.	\$260.00
CP3318	*18"	0.085	1"-3/4"	12 lbs.	\$310.00
CP3320	*20"	0.100	1"-3/4"	14 lbs.	\$400.00
CP3324	*24"	0.100	1"	20 lbs.	\$690.00
CP3330	*30"	0.125	1"	40 lbs.	\$995.00
CP3336	*36"	0.200	1"	50 lbs.	\$1,500.00

*Indicates a segmented rim blade

When cutting slabs, run the blade between 3,000SFM & 4,500SFM. Use the chart to view acceptable speeds in relation to blade size.

Diameter	RPM	Diameter	RPM
6"	1910-2870	16"	720-1070
8"	1430-2150	18"	640-960
10"	1150-1720	20"	570-860
12"	960-1430	24"	480-720
14"	820-1230	30"	380-570



Diamond Lapidary & Glass Blades

Covington's Gold Blades

Covington's Gold Series Diamond Blades are excellent quality, commercial grade blades, designed for lapidary and glass work. More diamonds in the notched rim and a stiffer core make this blade cut faster and maintain a longer use life. While this blade was designed for use on hard materials like agates, geodes, and petrified wood, it will cut soft materials such as glass superbly. The Gold Series blades are a great low cost choice. *Please specify arbor size when ordering, 1/2", 5/8", 3/4", or 1".



Order #	Diameter	Core/Rim	Arbor	Weight	Price
CGB006	6"	0.031/0.044	1/2"-5/8"	3 lbs.	\$18.00
CGB008	8"	0.031/0.044	1/2"-5/8"	3 lbs.	\$22.50
CGB010	10"	0.040/0.052	1/2"-5/8"	4 lbs.	\$38.00
CGB012	12"	0.050/0.070	1"-5/8"	6 lbs.	\$55.00
CGB014	14"	0.051/0.075	1"-5/8"	7 lbs.	\$88.00
CGB016	16"	0.064/0.094	1"-5/8"	9 lbs.	\$132.00
CGB018	18"	0.064/0.094	1"-3/4"	12 lbs.	\$165.00
CGB020	20"	0.071/0.098	1"-3/4"	14 lbs.	\$198.00
CGB024	24"	0.080/0.110	1"-3/4"	18 lbs.	\$299.00
CGB030	30"	0.095/0.115	1"	33 lbs.	\$605.00
CGB036	36"	0.095/0.115	1"	40 lbs.	\$880.00

Covington's Thin Rim Blades

Order #	Diameter	Core/Rim	Arbor	Weight	Price
PMB406	4"	0.006/0.009	1/2"-5/8"	1 lb.	\$5.00
PMB410	4"	0.010/0.013	1/2"-5/8"	1 lb.	\$5.00
PMB506	5"	0.006/0.009	1/2"-5/8"	1 lb.	\$6.00
PMB510	5"	0.010/0.015	1/2"-5/8"	1 lb.	\$6.00
PMB606	6"	0.006/0.009	1/2"-5/8"	1 lb.	\$7.00
PMB610	6"	0.010/0.012	1/2"-5/8"	1 lb.	\$7.00
PMB612	6"	0.012/0.015	1/2"-5/8"	1 lb.	\$7.00



Covington's Thin Rim Blades are high quality fast cutting blades designed for high-yield cutting of glass and precious materials. The price makes them quite affordable for any general-purpose use. Comes with 5/8" arbor. *Please ask for a 1/2" bushing if needed.

Covington's Platinum 5000 Resin Bonded Glass Blade

Covington's Platinum Series Resin Bonded Diamond Blade is an excellent choice for cutting pyrex, glass, ceramic, and other materials where heat generation must be kept at a minimum. These 1/4" depth super-heavy diamond concentration blades give a smooth, cleaner cut than most plated blades can. These blades are commonly used by glass artists worldwide and are exceptional for cutting glass tube, bar, and rods. WARNING: THESE BLADES ARE EXTREMELY FRAGILE. *Please specify arbor size when ordering 1/2", 5/8", or 3/4".



Order #	Diameter	Core Width	Arbor	Weight	Price
CP5010	10"	0.062	1/2"-5/8"	5 lbs.	\$195.00
CP5012	12"	0.062	1/2"-5/8"	6 lbs.	\$240.00
CP5014	14"	0.072	1/2"-3/4"	8 lbs.	\$310.00

Covington's Red Thin Rim Sintered Blade

Order #	Diameter	Core/Rim	Arbor	Weight	Price
CRS004	4"	0.016/0.023	1/2"-5/8"	1 lb.	\$24.00
CRS005	5"	0.012/0.015	1/2"-5/8"	1 lb.	\$30.00
CRS006	6"	0.012/0.020	1/2"-5/8"	2 lbs.	\$40.00
CRS008	8"	0.023/0.031	1/2"-5/8"	3 lbs.	\$70.00
CRS010	10"	0.031/0.038	1/2"-5/8"	3 lbs.	\$84.00
CRS012	12"	0.031/0.042	1/2"-5/8"	4 lbs.	\$116.00
CRS014	14"	0.039/0.045	1/2"-5/8"	5 lbs.	\$156.00

Best for General Stone Cutting



Covington's Sintered Blades

Sintered Diamond Blades are a longer lasting blade compared to the notched rim. These blades are manufactured by embedding diamond grit directly into the metal matrix that forms the edge of the saw blade. Sintered blades are a better value than other blades because of their long life.

Covington's Black Thick Rim Sintered Blade

Order #	Diameter	Core/Rim	Arbor	Weight	Price
CBS006	6"	0.031/0.044	1/2"-5/8"	2 lbs.	\$44.00
CBS008	8"	0.031/0.044	1/2"-5/8"	3 lbs.	\$60.00
CBS010	10"	0.040/0.052	1/2"-5/8"	3 lbs.	\$70.00
CBS012	12"	0.050/0.070	1/2"-5/8"	4 lbs.	\$90.00
CBS014	14"	0.050/0.070	1/2"-5/8"	5 lbs.	\$110.00

Best for Agates and Geodes

Diamond Grinding & Polishing Wheels



Covington's 6" and 8" **Standard Diamond Grinding Wheels** are an excellent way to pre-form rough stone and glass material. These solid steel wheels are balanced and nickel electroplated to lengthen wheel life. These are the same heavy-duty wheels mounted on all Covington diamond grinding units.

Standard Diamond Wheels

Standard 6" x 1-1/2"				Standard 8" x 1-1/2"			
Order #	Grit	Weight	Price	Order #	Grit	Weight	Price
DW6060	60g	3 lbs.	\$135.00	DW8060	60g	4 lbs.	\$180.00
DW6080	80g	3 lbs.	\$126.00	DW8080	80g	4 lbs.	\$166.00
DW6100	100g	3 lbs.	\$117.00	DW8100	100g	4 lbs.	\$153.00
DW6180	180g	3 lbs.	\$114.00	DW8180	180g	4 lbs.	\$150.00
DW6220	220g	3 lbs.	\$114.00	DW8220	220g	4 lbs.	\$150.00
DW6360	360g	3 lbs.	\$108.00	DW8360	360g	4 lbs.	\$144.00
DW6600	600g	3 lbs.	\$99.00	DW8600	600g	4 lbs.	\$135.00

Textured Diamond Wheels

Covington's 6" and 8" **Textured Grinding Wheels** are excellent tools for pre-forming rough stone and glass material. The texturing allows for better sediment wash-out. These balanced, solid steel wheels, are nickel electroplated to provide superior bonding of diamonds and a long life.

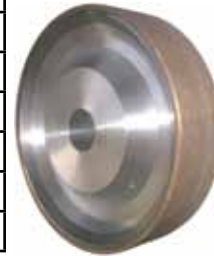


Textured 6" x 1-1/2"				Textured 8" x 1-1/2"			
Order #	Grit	Weight	Price	Order #	Grit	Weight	Price
TD6060	60g	3 lbs.	\$180.00	TD8060	60g	4 lbs.	\$225.00
TD6080	80g	3 lbs.	\$171.00	TD8080	80g	4 lbs.	\$211.00
TD6100	100g	3 lbs.	\$153.00	TD8100	100g	4 lbs.	\$198.00
TD6180	180g	3 lbs.	\$150.00	TD8180	180g	4 lbs.	\$186.00
TD6220	220g	3 lbs.	\$150.00	TD8220	220g	4 lbs.	\$186.00
TD6360	360g	3 lbs.	\$144.00	TD8360	360g	4 lbs.	\$180.00
TD6600	600g	3 lbs.	\$135.00	TD8600	600g	4 lbs.	\$171.00

Sintered Diamond Wheels

Sintered 6" x 1-1/2"				Sintered 8" x 1-1/2"			
Order #	Grit	Weight	Price	Order #	Grit	Weight	Price
SD6030	30g	5 lbs.	\$300.00	SD8030	30g	9 lbs.	\$400.00
SD6080	60/80g	5 lbs.	\$275.00	SD8080	60/80g	9 lbs.	\$340.00
SD6120	100/120g	5 lbs.	\$275.00	SD8120	100/120g	9 lbs.	\$340.00
SD6180	180g	5 lbs.	\$275.00	SD8180	180g	9 lbs.	\$340.00
SD6220	220g	5 lbs.	\$275.00	SD8220	220g	9 lbs.	\$340.00
SD6360	360g	5 lbs.	\$275.00	SD8360	360g	9 lbs.	\$340.00
SD6600	600g	5 lbs.	\$275.00	SD8600	600g	9 lbs.	\$340.00

Covington's 6" and 8" **Sintered Grinding Wheels** provide the most cost-effective, longest lasting way to grind and pre-form rough stone and glass. The sintered wheel is 3mm thick, equating almost 1/8" of diamond. Made on solid steel wheels and balanced.



Diamond Radius Wheels

Covington's 4", 6", and 8" **Radius Wheels** feature a curved surface which provides an excellent way to carve and grind concave forms into stone and glass. These wheels are great for removing punty marks. All have 3/4" wide plastic hub to reduce weight. The concave grinding wheels are nickel electroplated to provide superior bonding of diamonds and promote a long life of use.



Radius 4" x 1"				Radius 6" x 1-1/2"				Radius 8" x 1-1/2"			
Order #	Grit	Weight	Price	Order #	Grit	Weight	Price	Order #	Grit	Weight	Price
RD4100	100g	2 lbs.	\$85.00	RD6100	100g	3 lbs.	\$138.00	RD8100	100g	4 lbs.	\$190.00
RD4180	180g	2 lbs.	\$80.00	RD6180	180g	3 lbs.	\$128.00	RD8180	180g	4 lbs.	\$180.00
RD4360	360g	2 lbs.	\$80.00	RD6360	360g	3 lbs.	\$110.00	RD8360	360g	4 lbs.	\$170.00
RD4600	600g	2 lbs.	\$80.00	RD6600	600g	3 lbs.	\$104.00	RD8600	600g	4 lbs.	\$150.00



Diamond Grinding & Polishing Wheels

Diamond Carving Wheels

Covington's 2", 4", 6", and 8" **Radius Carving and Grinding Wheels** are designed for carving glass and stone. These nickel-plated, steel-rimmed diamond wheels are designed to provide excellent cutting and reliability to user. All wheels come with a 1-3/16" wide plastic hub to reduce weight. All wheels come with 1" arbor hole and can be bushed to 1/2", 5/8", or 3/4" with supplied bushing.

Radius 2" x 1/4"				Radius 2" x 1/2"			
Order #	Grit	Weight	Price	Order #	Grit	Weight	Price
RD2210	100g	1 lb.	\$55.00	RD2510	100g	1 lb.	\$65.00
RD2218	180g	1 lb.	\$50.00	RD2518	180g	1 lb.	\$60.00
RD2236	360g	1 lb.	\$50.00	RD2536	360g	1 lb.	\$60.00
RD2260	600g	1 lb.	\$50.00	RD2560	600g	1 lb.	\$60.00



Radius 4" x 1/4"				Radius 4" x 1/2"				Radius 4" x 1"			
Order #	Grit	Weight	Price	Order #	Grit	Weight	Price	Order #	Grit	Weight	Price
RD4210	100g	2 lbs.	\$65.00	RD4510	100g	2 lbs.	\$75.00	RD4110	100g	2 lbs.	\$85.00
RD4218	180g	2 lbs.	\$60.00	RD4518	180g	2 lbs.	\$70.00	RD4118	180g	2 lbs.	\$80.00
RD4236	360g	2 lbs.	\$60.00	RD4536	360g	2 lbs.	\$70.00	RD4136	360g	2 lbs.	\$80.00
RD4260	600g	2 lbs.	\$60.00	RD4560	600g	2 lbs.	\$70.00	RD4160	600g	2 lbs.	\$80.00

Radius 6" x 1/4"				Radius 6" x 1/2"				Radius 6" x 1"			
Order #	Grit	Weight	Price	Order #	Grit	Weight	Price	Order #	Grit	Weight	Price
RD6210	100g	3 lbs.	\$70.00	RD6510	100g	3 lbs.	\$80.00	RD6110	100g	3 lbs.	\$90.00
RD6218	180g	3 lbs.	\$65.00	RD6518	180g	3 lbs.	\$75.00	RD6118	180g	3 lbs.	\$85.00
RD6236	360g	3 lbs.	\$65.00	RD6536	360g	3 lbs.	\$75.00	RD6136	360g	3 lbs.	\$85.00
RD6260	600g	3 lbs.	\$65.00	RD6560	600g	3 lbs.	\$75.00	RD6160	600g	3 lbs.	\$85.00

Radius 8" x 1/4"				Radius 8" x 1/2"				Radius 8" x 1"			
Order #	Grit	Weight	Price	Order #	Grit	Weight	Price	Order #	Grit	Weight	Price
RD8210	100g	3 lbs.	\$125.00	RD8510	100g	4 lbs.	\$135.00	RD8110	100g	4 lbs.	\$150.00
RD8218	180g	3 lbs.	\$115.00	RD8518	180g	4 lbs.	\$125.00	RD8118	180g	4 lbs.	\$140.00
RD8236	360g	3 lbs.	\$115.00	RD8536	360g	4 lbs.	\$125.00	RD8136	360g	4 lbs.	\$140.00
RD8260	600g	3 lbs.	\$115.00	RD8560	600g	4 lbs.	\$125.00	RD8160	600g	4 lbs.	\$140.00

Diamond Resin Wheels

Covington's **Diamond Resin Wheels** are top quality soft wheels. These are the same wheels found on the 6" and 8" Cab Kings. These polishing wheels are an excellent choice for cabbing and contour grinding. All wheels have a 1" arbor hole and can be bushed to 1/2", 5/8", or 3/4" with supplied bushing.



Grit	6" x 1-1/2" Resin Wheels			8" x 2" Resin Wheels		
	Order #	Weight	Price	Order #	Weight	Price
60g	DRW606	2 lbs.	\$60.00	DRW806	3 lbs.	\$95.00
140g	DRW640	2 lbs.	\$55.00	DRW840	3 lbs.	\$88.00
280g	DRW628	2 lbs.	\$55.00	DRW828	3 lbs.	\$88.00
600g	DRW660	2 lbs.	\$55.00	DRW860	3 lbs.	\$88.00
1,200g	DRW612	2 lbs.	\$55.00	DRW812	3 lbs.	\$88.00
3,000g	DRW630	2 lbs.	\$55.00	DRW830	3 lbs.	\$88.00
8,000g	DRW680	2 lbs.	\$55.00	DRW880	3 lbs.	\$88.00
14,000g	DRW614	2 lbs.	\$55.00	DRW814	3 lbs.	\$88.00



Grinding & Polishing Wheels

Silicon Carbide Grinding Wheels



Silicon Carbide Grinding Wheels

Silicon Carbide Wheels	100g			220g		
Size	Order #	Weight	Price	Order #	Weight	Price
6" x 1/2"	SC1605	4 lbs.	\$26.25	-	-	-
6" x 1"	SC1610	5 lbs.	\$55.00	SC2610	5 lbs.	\$60.00
8" x 5/8"	SC1858	5 lbs.	\$60.00	SC2858	5 lbs.	\$65.00
8" x 1-1/2"	SC1815	8 lbs.	\$95.00	SC2815	8 lbs.	\$105.00
10" x 3/4"	SC1075	8 lbs.	\$100.00	SC2075	8 lbs.	\$105.00
10" x 1-1/2"	-	-	-	SC2015	11 lbs.	\$105.00

Cork & Felt Polishing Wheels

Polishing Wheels	Cork			Felt		
	Size	Order #	Weight	Price	Order #	Weight
6" x 1"	-	-	-	CFW610	2 lbs.	\$45.00
6" x 1-1/2"	CCW615	2 lbs.	\$93.00	-	-	-
8" x 1-1/2"	CCW815	3 lbs.	\$125.00	CFW815	3 lbs.	\$110.00
10" x 2"	CCW102	6 lbs.	\$153.00	CFW102	5 lbs.	\$230.00
16" x 3"	CCW163	8 lbs.	\$175.00	CFW163	17 lbs.	\$825.00



Felt Wheels

**Cork Wheels are back at a new low price*

Cork Wheels

Aluminum Oxide Wheels



Aluminum Oxide Wheels have a hard bond and fine texture ideal for abrading glass. The wheel size on chart is stated in order of diameter, width, and bore. Wheels that come in 1" bore can be bushed to 1/2", 5/8", and 3/4". State bore size when ordering.

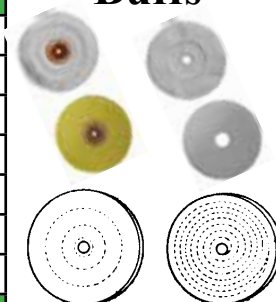
Made in USA



Description	120g Order #	240g Order #	320g Order #	Price
2" x 1/2" x 1/2" (23 Degree Point)	-	AOW202	-	\$7.90
2-1/2" x 1/2" x 1/2" (1/4" Flat Rim)	-	AOW225	-	\$7.90
2-1/2" x 1/2" x 1/2" (1 Side Tapered)	-	AOW215	-	\$7.90
3" x 1/4" x 1/2"	-	-	AOW303	\$11.55
3-1/2"L x 3"D Cone (1/2"-20RH Thread)	-	-	AOW333	\$69.85
4" x 1/4" x 1/2"	-	AOW204	-	\$13.65
4" x 1/2" x 1"	-	AOW245	AOW345	\$24.15
4" x 1/2" x 1" (60 Degree Point)	-	AOW246	-	\$19.95
4" x 1/2" x 1" (Circle Rim)	-	-	AOW304	\$26.25
4" x 3/4" x 1"	AOW104	-	-	\$23.10
4" x 1-1/2" x 1"	-	-	AOW305	\$32.55
6" x 1" x 1"	-	-	AOW306	\$45.15
6" x 1-1/2" x 1"	-	-	AOW307	\$50.40
16" x 1-1/2" x 1-3/8"	-	-	AOW316	\$556.40

Polishing Buffs

Order #	Diameter	Ply	Bore			Stitch		Price
			Pin Hole	1/2"	1"	2 Rows	Spiral	
MPB330	3"	30 Ply - 3/8" Running Face	X			X		\$2.50
MPB440	4"	40 Ply - 1/2" Running Face	X			X		\$4.00
MPB430	*4"	30 Ply - 1/2" Running Face	X			X		\$5.50
MPB650	6"	50 Ply - 5/8" Running Face	X			X		\$6.00
MPB620	6"	20 Ply - 1/4" Running Face		X		X		\$6.00
MPB621	6"	20 Ply - 1/4" Running Face			X		X	\$6.00
MPB820	8"	20 Ply - 1/4" Running Face			X		X	\$9.45



2-Row Stitch Spiral Stitch

**Cotton Flannel Buff - Use With Rouge*

Dressing Tools

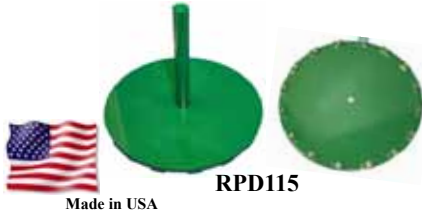
Wheel Dressing: The Covington T-Bar Dresser is an excellent tool for truing silicon carbide wheels. The **60g Block** will true up the flat face of grinding, smoothing, cork, and felt wheels. After the wheel is true, smooth the face with a **220g Block**.

Blade Dressing: The **220g Block** will scour away glaze coating and expose the diamond cutting edges of a saw blade to restore cutting action. *Please note that it may take several cuts to deglaze the blade.

Plate Dressing: The Covington Plate Dresser is an excellent tool to keep your Rociprolap® plate running true. The sintering on the diamond dresser provides fast removal of uneven spots on the plate. This dresser also works well on other plate machines.



Order #	Description	Weight	Price
CTB200	T-Bar Diamond Dresser (2" T-Bar Dresser)	1 lb.	\$15.00
SCB518	60 Grit Silicon Carbide Block (6" x 2" x 1")	1 lb.	\$12.25
SCB522	220 Grit Silicon Carbide Block (6" x 2" x 1")	1 lb.	\$12.25
AOD220	220 Grit Aluminum Oxide Dressing Stick (4" x 3/4" x 3/4")	1 lb.	\$6.50
RPD115	Rociprolap & Plate Dresser (11-1/2" Plate)	12 lbs.	\$225.00



Aluminum Heads

Covington's 6", 8", and 10" **Aluminum Heads** are made from aluminum castings, machined true and balanced for smooth and vibration free operation. The face of each head is covered with resilient rubber. Attach a sanding or polishing disc to the rubber face with "Stick-N-Peel" adhesive and it is ready to use. Allow an additional week for special orders. *Please note when ordering, state left or right hand threads. Not all common thread sizes are listed, but are available for an additional \$10.00 set up fee.



Bore Size	6" Order #	8" Order #	8" No Hub Order #	10" Order #	10" No Hub Order #
1/2" Smooth*	CAH612	CAH812	-	CAH112	-
1/2"-20R or L	CAH620	CAH820	-	CAH120	-
5/8" Smooth*	CAH658	CAH858	-	CAH158	-
5/8" Smooth	-	-	CAH690	-	CAH691
5/8"-18R or L	CAH618	CAH818	-	CAH118	-
3/4" Smooth*	-	CAH834	-	CAH134	-
3/4"-16R or L	-	CAH816	-	CAH116	-
1" Smooth*	-	CAH810	-	CAH110	-
1"-8RH	-	-	-	-	CAH350
1"-14R or L	-	CAH814	-	CAH114	-
Weight	3 lbs.	4 lbs.	4 lbs.	5 lbs.	4 lbs.
Price	\$35.00	\$55.00	\$50.00	\$65.00	\$65.00

*Comes with two set screws



Aluminum Head Accessories

All **Rubber** comes slightly oversized to insure a fit on all disc or wheel sizes. Simply glue with contact cement and cut off excess.



CSR406 & CSR410

Covington's uses **Feathering Disc Adhesive** for all "Stick-N-Peel" applications. It is used to attach sanding and buffing discs to a backing plate. This adhesive is easy to apply, and available in 5-ounce tubes.



FDA041

Order #	Description	Weight	Price
CSR404	4" Square Sponge Rubber	1 lb.	\$1.95
CSR406	6" Square Sponge Rubber	1 lb.	\$2.50
CSR408	8" Square Sponge Rubber	1 lb.	\$3.45
CSR410	10" Square Sponge Rubber	1 lb.	\$4.40
CSR325	3" x 25-1/2" Strip Sponge Rubber	1 lb.	\$4.40
CHR404	4" Square Hard Rubber	1 lb.	\$1.95
CHR406	6" Square Hard Rubber	1 lb.	\$2.50
CHR408	8" Square Hard Rubber	1 lb.	\$3.45
CHR410	10" Square Hard Rubber	1 lb.	\$4.40
FDA041	Feathering Disc Adhesive	1 lb.	\$16.00

Sanding & Polishing Supplies

Silicon Carbide Sanding Supplies



WDD008
Sand Belts
All Sizes



WSCR15



Left: 9" x 11"
Sand Sheets



Right: Sand Discs

Order #	Size	Grit (Please Specify)	Price Each 1-9	Price Each 10-49	Price Each 50+
WDD006	6" Disc	60, 80, 100, 220, 320, 400, 600, or 800	\$1.85	\$1.45	\$1.20
WDD008	8" Disc	60, 80, 100, 220, 320, 400, 600, or 800	\$2.25	\$2.00	\$1.75
WDD010	10" Disc	60, 80, 100, 220, 320, 400, 600, or 800	\$3.75	\$3.25	\$2.75
WDS911	9" x 11" Sanding Sheet	60, 80, 100, 220, 320, 400, 600, or 800	\$1.30	\$1.05	\$0.80
*WBL18G	2-1/2" x 18-15/16" Belt	60, 80, 100, 220, 320, 400, 600, or 800	\$2.00	\$1.75	\$1.50
WBL24G	3" x 24" Belt	60, 80, 100, 220, 320, 400, 600, or 800	\$2.50	\$2.25	\$2.00
*WBL25G	3" x 25-7/32" Belt	60, 80, 100, 220, 320, 400, 600, or 800	\$2.75	\$2.50	\$2.25
WBL41G	3" x 41-1/2" Belt	60, 80, 100, 220, 320, 400, 600, or 800	\$4.25	\$3.75	\$3.25
WBL106	4" x 106" Belt	60, 80, 100, 220, 320, 400, 600, or 800	\$11.20	\$9.00	\$7.25
WSCR15	3" x 15' Bulk Roll	100, 220, 400, 600, or 800	\$13.25	-	-

***WBL18G fits 6" expandable drums & WBL25G fits 8" expandable drums**

Diamond, Cork, Felt, & Leather Discs & Belts

Size	Diamond (120, 220, 325, 400, 600, 800, & 1,200)		Cork		Leather		Felt	
	Order #	Price	Order #	Price	Order #	Price	Order #	Price
6" Disc	DSD006	\$35.00	CPD006	\$4.00	LPD006	\$3.70	FPD006	\$10.00
8" Disc	DSD008	\$55.00	CPD008	\$7.00	LPD008	\$5.00	FPD008	\$13.00
10" Disc	DSD010	\$75.00	CPD010	\$8.95	LPD010	\$7.75	FPD010	\$23.00
2-1/2" x 18-15/16" Belt	DSB218	\$50.00	CPB218	\$5.80	-	-	FPB218	\$20.00
3" x 24" Belt	DSB324	\$75.00	CPB324	\$7.35	-	-	FPB324	\$27.50
3" x 25-7/32" Belt	DSB325	\$80.00	CPB325	\$11.00	-	-	FPB325	\$30.00
3" x 41-1/2" Belt	DSB341	\$130.00	CPB341	\$18.00	-	-	FPB341	\$40.00

Custom size diamond belts and discs are available. Other grit sizes are also available. Call for a quote.



Felt, Leather,
Cork Discs



Diamond Belts

Magnetic Backed Discs

Magnetic Backed Diamond Discs are super-fast to change and available in a wide selection to suit any grinding and polishing need. These discs have a 1" hole to center on plate. Use in combination with Covington's 12" or 24" Horizontal Grinder/Beveler for optimum performance.



Material	60g	80g	100g	140g	200g	270g	325g	500g	600g	1,200g	Felt
Order #	NB1206	NB1280	NB1210	NB1214	NB1220	NB1227	NB1232	NB1250	-	-	-
12" Nickel Bond	\$260.00	\$245.00	\$230.00	\$220.00	\$200.00	\$185.00	\$185.00	\$185.00	-	-	-
Order #	NB2406	NB2480	NB2410	NB2414	NB2420	NB2427	NB2432	NB2450	-	-	-
24" Nickel Bond	\$765.00	\$700.00	\$625.00	\$615.00	\$600.00	\$550.00	\$550.00	\$550.00	-	-	-
Order #	-	-	RB1210	-	-	RB1227	RB1232	-	RB1260	RB1212	RB1200
12" Resin Bond	-	-	\$100.00	-	-	\$100.00	\$100.00	-	\$100.00	\$100.00	\$55.00
Order #	-	-	RB2410	-	-	RB2427	RB2432	-	RB2460	RB2412	RB2400
24" Resin Bond	-	-	\$230.00	-	-	\$230.00	\$230.00	-	\$230.00	\$230.00	\$225.00

Carving & Polishing Tools

Resin Bonded Diamond Cones



Resin Bonded Diamond Cones are an excellent choice for working bottles and inside curves. These cones are approximately 3" at base and 3" in height. Standard sizes available are: 1"-14 female or male, 5/8"-11 female or male, and 1/2"-20 female or male. All cones are special order and will be shipped once manufactured, alternate sizes can be manufactured but will take an additional week. All cones are available in 120g, 220g, 400g, 600g, & 1200g, and left or right hand threads.

Made in USA



Order #	Description	Weight	Price
DRC100	Resin Cones	2 lbs.	\$95.00

Cratex & Aluminum Oxide Wheels

Order #	Description	Size	Price
CWA005	*A-5 Wheel	1-1/2"	\$5.25
CWA001	A-1 Wheel	7/8"	\$0.80
CWA002	A-2 Wheel	5/8"	\$0.60
CWA003	A-3 Tapered Wheel	5/8"	\$0.60
*Only Available in Extra Fine			

Cratex Wheels are individual rubber bonded abrasives for polishing, removing rust, etc. These wheels are available in 3 grits: coarse (green), medium (brown), fine (reddish-brown), and fit M-1 or M-6 mandrels. Maximum speed rating of 25,000rpm. Aluminum Oxide Wheels (medium grit) are used for hard materials. They will fit either the M-1 or M-6 mandrels.

Order #	Description	Size	Price
GGW023	G-23 Tapered Wheel	3/4"	\$1.05
GGW027	G-27 Wheel	3/4"	\$1.05



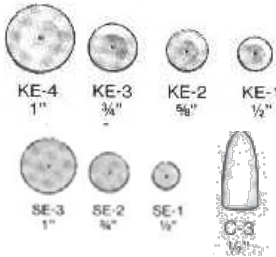
Cratex Wheels



Aluminum Oxide Wheels

Felt Wheels & Points

Felt Wheels and Points are used for buffing and polishing hard and soft metals, plastics, and painted surfaces. These are typically used in combination with a compound for desired effect, and are excellent for polishing glass with cerium oxide. The wheels and points have a maximum speed rating of 15,000rpm.



Felt Wheels and Points

Order #	Description	Size	Price
HFC003	C-3 Hard Felt Cones	1/2"	\$1.25
HFC002	C-2 Hard Felt Cones	3/8"	\$1.00
HFC001	C-1 Hard Felt Cones	1/4"	\$0.75
SEW003	SE-3 Square Edge Wheel	1"	\$0.70
SEW002	SE-2 Square Edge Wheel	3/4"	\$0.60
SEW001	SE-1 Square Edge Wheel	1/2"	\$0.50
KEW004	KE-4 Knife Edge Wheel	1"	\$1.35
KEW003	KE-3 Knife Edge Wheel	3/4"	\$1.25
KEW002	KE-2 Knife Edge Wheel	5/8"	\$1.15
KEW001	KE-1 Knife Edge Wheel	1/2"	\$1.05

Order #	Shape	Price
DBS114	Cylinder	\$12.00
DBS175	Tapered Cylinder	\$12.00
DBS274	Flame	\$12.00
DBS160	Point	\$12.00
DBS523	Cone	\$12.00
DBS200	Rounded Cone	\$12.00
DBS143	Rounded Cylinder	\$12.00
DBS014	Inverted Cone	\$12.00
DBS276	Bullet	\$12.00
DBS068	Rounded Disc	\$12.00
DBS001	Set of 10	\$100.00

Sintered Carving Tools



Order #	Description	Size	Price
CSM001	M-1 3/32" Shank	1/16"	\$1.10
CSM003	M-3 3/32" Shank	3/32"	\$1.00
CSM006	M-6 1/8" Shank	1/16"	\$1.10
CSM007	M-7 1/8" Shank	1/8"	\$1.25

Mandrels



M1-M3-M6-M7

Diamond Carving Tools

These excellent quality 1" Diamond Cutting Discs can be used for slicing, grooving, roughing, and carving.

Order #	Description	Weight	Price
CTD001	1" Cutting Disc	1 lb.	\$2.00
CTD005	Set of 5 Discs w/ Mandrel	1 lb.	\$10.00





Jewelry Supplies

Jewelry Wire Bender



Covington's **Jewelry Wire Bender** is machined out of a solid piece of aluminum. It features two (2) mounting holes, four (4) removable dowel pins that assist in making almost any design, and a green anodized coating.



Order #	Description	Weight	Price
CJB068	Jewelry Wire Bender	1 lb.	\$15.75

Jewelers Saw Blades & Frames

Order #	Size	Thickness	Width	Price Dozen	Price Gross
JSB094	4/0	0.0086"	0.0175"	\$3.15	\$26.00
JSB093	3/0	0.0095"	0.0190"	\$3.15	\$26.00
JSB092	2/0	0.0103"	0.0204"	\$3.15	\$26.00
JSB091	1/0	0.0110"	0.0220"	\$3.15	\$26.00
JSB082	2	0.0134"	0.0276"	\$3.15	\$26.00
JSB083	3	0.0140"	0.0290"	\$3.15	\$26.00
JSB084	4	0.0150"	0.0307"	\$3.15	\$26.00

The **Swiss Acura® SCIES Jewelers Saw Blades** are 5-1/2" in length. These blades are used for cutting all metals, bone, pearl and other hard materials. Round backs make it easy to turn corners and follow curves. The teeth are uniform in size, shape and sharpness to assure fast, easy cutting.



This high-quality **Saw Frame** is made from tempered tool steel with a reinforced wooden handle. A large thumbscrew mounted on top allows easy tightening adjustments, while an additional adjustment nut at the front end provides an extra tight hold.

Order #	Description	Weight	Price
JSF002	Saw Frame 2-1/2" Depth	2 lbs.	\$18.00
JSF004	Saw Frame 4" Depth	2 lbs.	\$20.00

Swiss Pattern Needle Files



Order #	Description	Weight	Price
SFL001	Set of Six Files	1 lb.	\$9.00
SFL002	Set of Twelve Files	1 lb.	\$17.00

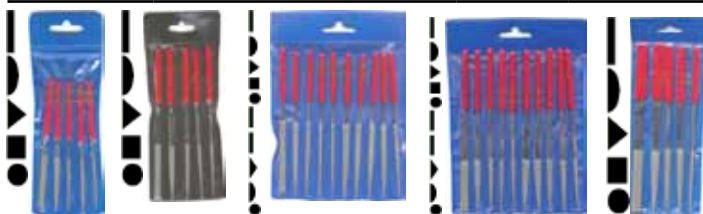
Made of hardened, tempered steel. Swiss Cut #2

Diamond Jewelers Saw Blades

Order #	Description	Weight	Price Each
DWB040	.040, 120 Mesh, 5" OAL	1 lb.	\$2.00
DWB030	.030, 180 Mesh, 5" OAL	1 lb.	\$2.00

Diamond Needle Files

Order #	Description	Weight	Price
NFP181	180g Five Five Set	1 lb.	\$6.00
NFO182	180g Five File Set	1 lb.	\$7.00
NFB183	180g Ten File Set	2 lbs.	\$20.00
NFC184	180g Ten File Set	2 lbs.	\$15.00
NFD185	180g Five File Set	2 lbs.	\$23.00



NFP181-NFO182-NFB183-NFC184-NFD185

European Quality Pliers

These lap-joint European quality pliers combine an economical price with quality. **Chain Nose Pliers:** All purpose pliers with smooth jaws that have slightly rounded edges.

Round Nose Pliers: Jaws are round and smooth for forming loops in wire.

Flat Nose Pliers: Flat nose duck bill pliers with smooth jaws.



Order #	Description	Weight	Price
CPL150	Chain Nose Plier	1 lb.	\$5.00
CPL152	Round Nose Plier	1 lb.	\$5.00
CPL154	Flat Nose Plier	1 lb.	\$5.00

Grit & Polish Brushes

Set of 6 Grit & Polish Brushes for grit and polish application.

Order #	Description	Weight	Price
GPB649	Set of 6 Grit & Polish Brushes	1 lb.	\$2.50





Water Manifold

Covington's **Water Manifold** is designed to mount the the side of any Covington machine that requires a constant stream of water utilizing four mounting holes. Four 1/8" Pipe threaded holes

allow any combination of water input and output ports. Manifold comes with one (1) brass input valve, 12-inches of loc-line® flexible water tubing, one (1) loc-line® spray nozzle, one (1) loc-line® connector, one (1) loc-line® in-line valve, and two (2) plugs.



Order #	Description	Weight	Price
CWM001	Complete Water Manifold	2 lbs.	\$29.00
CLW001	Extra Loc-line® Flexible Water Tubing 12-inches Complete	1 lb.	\$12.00

Playing Cards



This deck of **Playing Cards** is a great gift idea for the rockhound in your family. Each card features a different rock or mineral.



Order #	Description	Weight	Price
RCARDS	Deck of Playing Cards	1 lb.	\$5.35

Telescopic Bushings



Yellow Telescopic Bushings are now available in 1", 3/4", and 1/2" widths.



Order #	Description	Weight	Price
CYB001	Telescopic Bushing	1 lb.	\$1.00



Safety Glasses



Sperian® Millennia Sport™ Protective Eyewear features a polycarbonate, scratch-resistant lens with a curved temple and universal nose bridge. These goggles come with an adjustable, break-away retainer. ANSI Z87.1-2003, CSA Z94.3-2002, 99.9% UV Protection. Recommended for all grinding applications. Remember to always wear eye protection.



Order #	Description	Weight	Price
CSE015	Safety Glasses	1 lb.	\$5.75

Covington Shop Aprons



This waterproof, heavy-duty, wrap-around, full-length **Shop Apron** is made of vinyl for lasting durability. Tie cords provide universal fit for all sizes. A handy pencil pocket is sewn in. It is light in weight, pliable, and resists cracking in temperatures as low as 32 degrees Fahrenheit. A damp cloth is all that is needed to keep it looking bright and clean.



Order #	Description	Weight	Price
CSA001	Shop Apron	1 lb.	\$5.25

Moffatt Lamps Feature:

- 100-watts of bright incandescent light
- Cool outer shade
- Tough 24" durable flex arm
- Innovative heat sink for longer switch life
- Unique quick-coupler base
- White in color and includes mounting bracket



Moffatt Task Lamps



The **Moffatt Task Lamp** is designed for rugged, industrial use. It features quality workmanship, durable construction and an innovative design.

Order #	Description	Dimensions	Weight	Price
CML100	Moffatt Lamp	12" x 10" x 8"	8 lbs.	\$60.00



Foredom Craft Kit

The **Foredom Craft Kit** is "The Standard" worldwide for professional jewelers, craftsmen and industrial users. It features a 1/10hp ball bearing motor and EC-1 foot control with dependable, long lasting performance under all kinds of conditions and applications. This complete Foredom package includes their most popular machine and accessory kit #20. It comes with 35 assorted accessories including cutters, burs, mounted points and abrasive wheels. It is suitable for a full range of precision operations on wood, metal, plastic, leather, glass, stone, and more.

Order #	Dimensions	Weight	Price
CK2272	13" x 19" x 5"	25 lbs.	\$334.00

Lortone Tumblers

Lortone's small tumblers are a great choice for those just getting started or for tumbling small items. Units are designed for years of trouble-free service and is U.L. listed for safety. Each tumbler has a molded rubber barrel with sure-seal closure.

Order #	Description	Dimensions	Weight	Price
LOR3AT	Single Tumbler	7" x 17" x 5"	5 lbs.	\$89.00
LOR33B	Double Tumbler	10" x 17" x 8"	7 lbs.	\$132.00
TRBL3A	Extra Barrel	8" x 5" x 5"	3 lbs.	\$30.75
LOR3AV	Extra 3A Belt	4" x 6" Envelope	1 lb.	\$1.85
LOR3BV	Extra 33B Belt	4" x 6" Envelope	1 lb.	\$2.25



Each tumbler has a molded rubber barrel with sure-seal closure.

**New 33-B Model Available*



MK Wet/Dry Grinder

The Wet Grinder/Polisher Features:

- Durable universal motor operates on standard house current
- Compact tool with ergonomically designed sure-grip handle
- Lightweight water attachment with adjustable valve
- Includes ground fault circuit interrupter
- Backing plate included



The **MK-1503-S Wet Polisher** is ideal for handheld grinding and polishing of gemstones, rock materials, marble, and granite. The handheld grinder attaches to a standard hose to enable the unit to dispense a steady flow of water through a control valve to the work piece. The MK-1503-S comes with a water hose connector, GFCI, and spanner wrenches. No kit included.

Order #	Dimensions	Weight	Price
CMK150	20" x 16" x 7"	16 lbs.	\$425.00

OptiVISORS®

OptiVISORS® Feature:

- Adjustable pivots that allow the visor to be tilted out of the way and at your fingertips when you need magnification
- Adjustable headband conforms to fit all head sizes, fabricated from a special blend of lightweight material, it is comfortable when worn for long periods of time
- High impact visor provides a tough, durable, always new appearance
- Genuine leather comfort band is padded with orthopaedic felts to add comfort

Made in USA



OptiVISOR®

OptiVISOR® & OptiLOUPE® Pictured



OptiVISORS® feature optical

glass prismatic lenses, ground and polished to precision optical standards, with a beveled edge that mounted in an interchangeable plastic frame.

OptiVISORS®			Lens Plates Only	
Order #	Description	Price	Order #	Price
DOL001	OptiLOUPE® Monocular Attachable Lens, adds 2-1/2X to all Models	\$11.00	-	-
DDA002	OptiVISOR® w/Lens Plate - Magnifies 1-1/2X at 20"	\$42.00	DLP002	\$26.00
DDA003	OptiVISOR® w/Lens Plate - Magnifies 1-3/4X at 14"	\$42.00	DLP003	\$26.00
DDA004	OptiVISOR® w/Lens Plate - Magnifies 2X at 10"	\$42.00	DLP004	\$26.00
DDA005	OptiVISOR® w/Lens Plate - Magnifies 2-1/2X at 8"	\$42.00	DLP005	\$26.00
DDA007	OptiVISOR® w/Lens Plate - Magnifies 2-3/4X at 6"	\$45.00	DLP007	\$27.00
DDA010	OptiVISOR® w/Lens Plate - Magnifies 3-1/2X at 4"	\$45.00	DLP010	\$27.00



Rock Hound Tools



Order #	Description	Weight	Price
ERP014	14-ounce Rock Pick	4 lbs.	\$35.00
ERP022	22-ounce Rock Pick	5 lbs.	\$36.00
ERP023	22-ounce Long Handle Rock Pick	5 lbs.	\$42.00
EGP100	Hoe Pick	7 lbs.	\$65.00
ECHB32	2-pound Crack Hammer	4 lbs.	\$35.00
ECHB33	3-pound Crack Hammer	5 lbs.	\$35.00
ECHB34	4-pound Crack Hammer	6 lbs.	\$39.00
ERC008	Rock Chisel	3 lbs.	\$22.00
ERC009	Rock Chisel	3 lbs.	\$22.00
ERC012	Rock Chisel	3 lbs.	\$22.00
ERS003	Belt Sheath #3 Pointed Tip	1 lb.	\$7.50
ERS004	Belt Sheath #4 Chisel Edge	1 lb.	\$7.50
CGP010	10" Steel Gold Pan	4 lbs.	\$6.50
CGP012	12" Steel Gold Pan	4 lbs.	\$8.00
CGP014	14" Steel Gold Pan	5 lbs.	\$9.00
CGP016	16" Steel Gold Pan	6 lbs.	\$11.00

Adhesives

Epoxy 330 is a fast setting water clear adhesive designed to bond gemstone materials to metal findings. It can also be used for invisible bonding of glass, china, ceramics, stone, metals, and other non-porous materials.

Epoxy 220 is a slow setting amber clear adhesive used for production bonding of gem materials to metal findings. It has ultimate tensile strength and resists thermal shock. It is also used in electronic and mechanical industries for superior bonding of non-porous components.

Opticon: Seals and cements fractures. Gives structural strength to soft porous stone and aids in the filling of pits. Sealer is amber clear.

Attack: Dissolves cured epoxy and polyester resins. It is used to separate misaligned bonded materials and for the cleanup of cured resin from metal, stone, glass, wood, and similar materials.

Order #	Description	Weight	Price
ACE220	Amber Clear Epoxy	1 lb.	\$5.00
WCE330	Water Clear Epoxy	1 lb.	\$5.00
OFS224	Opticon Fracture Sealer	2 lbs.	\$24.00
ATK001	8-ounce Attack Epoxy Remover	2 lbs.	\$14.00
ATK002	1/2-Gallon Attack Epoxy Remover	7 lbs.	\$49.00



Rock Pry Bar

Order #	Description	Weight	Price
RPB001	Rock Pry Bar	3 lbs.	\$24.00

Diamond Polishing Discs



The **Diamond Polishing Discs** are flexible, Velcro™ backed polishing discs designed to achieve a scratch-free, highly polished finish on all straight

or contoured granite and marble edges. The Velcro™ backing allows for fast disc changes. The disc backs are color-coded for easy grit size identification. The kit includes one disc of each grit and a hard rubber back-plate. Maximum speed is 3700rpm. NOT MK BRAND

Color/Grit	Order #	Weight	Price
Blue/50g	DPP005	1 lb.	\$13.00
Orange/200g	DPP020	1 lb.	\$13.00
Red/500g	DPP050	1 lb.	\$13.00
Green/1000g	DPP100	1 lb.	\$13.00
Light Green/2000g	DPP200	1 lb.	\$13.00
Grey/3000g	DPP300	1 lb.	\$13.00
4" Felt	FPP004	1 lb.	\$40.00
Backing Plate	DBP001	1 lb.	\$24.00
Set of 1 ea. (no felt)	DPS001	3 lbs.	\$90.00

Desert Gem Trails

Strong. A guide to the gem, mineral, and fossil collecting areas of the Mojave and Colorado deserts of Southern California and adjacent areas in Owens Valley and Nevada.

Gem Trails of Arizona

Mitchell. Latest edition shows all major collecting areas with maps and specific collecting details.

Gem Trails of Northern California

Mitchell. Features sites from the Oregon border south to the Monterey area. Detailed texts and maps make locating and collecting easy.

Gem Trails of Oregon

Romaine. This revised and updated edition includes information for over 100 collecting sites. Each site includes a map and GPS coordinates.

Gem Trails of Southern California

Mitchell. Latest edition shows all major collecting areas with maps and detailed collecting information.

Gem Trails of Washington

Romaine. This comprehensive guide includes information on more than 75 collecting sites. Each site includes a map and GPS coordinates.

Southwest Gem & Mineral Guide

Rygle & Pedersen. Easy-to-use guide for ins and outs of "fee dig" mining, locations, costs, and trips.

The GPS Guide to Western Gem Trails

Kelty. The must-have accompaniment to Gem Trails collecting series and other books. Find exact locations using your GPS to over 1200 sites.

Rock & Mineral Identification

Jade

Ward. Complete guide to finding, collecting, buying, and cutting this popular gem material.

Smithsonian Rock and Gem

Bonowitz. A comprehensive guide to the rocks and minerals of the world.

Rocks and Minerals of California

Brown, Allen, & Stark. A new edition with color illustrations, maps, descriptions, tests, and definitions of materials.

Books & Magazines

The Audubon Society Field Guide to North American Rocks and Minerals

A pocket book with pictures and written details of composition.

The World of Mineral & Crystal Fun for Kids

Powell. Educational activities for young mineral collectors. Fun mineral facts, games, and activities.

Tumbling

Gem Tumbling and Baroque Jewelry Making

Victors. How to tumble polish all popular stones and instructions on baroque jewelry making.

How to Tumble Polish Gemstones and Make Tumbled Gem Jewelry

Wexler. Step-by-step instructions for turning pebbles and rough stones into sparkling jewels. A guide to the type of tumbling equipment available and how to use it correctly.

Modern Rock Tumbling

Hart. The only complete and up-to-date guide on tumble polishing rocks and stones.

Jewelry

How to Make Wire Jewelry

Jenkins & Thrasher. Step-by-step instructions and illustrations show how to make pins, pendants, chains, necklaces, rings, bracelets, earrings, stickpins, and novelty items.

How to Repair Jewelry

Phelps. Detailed step-by-step instructions show the jewelry draftsman how to fix broken chains, replace lost parts, rebuild broken prongs, remove and reset gemstones, solder without removing gems, size rings, and much more.

Jewelry Craft Made Easy

French. For the hobbyist who prefers purchasing already finished gemstones, mountings, and findings for assembling beautiful jewelry.

Jewelry Making for Beginners

Soukup. An easy-to-learn method for fabricating soldered jewelry pieces that will keep the novice from getting discouraged. All steps are clearly shown with photos and detailed text.

Lost Wax or Investment Casting

Sopcak. A manual that shows how to make the equipment needed as well as how to use it to make patterns, molds, and castings for jewelry and other small metal parts.

Helpful Lapidary Books

Advanced Cabochon Cutting

Cox. Learn how to master special shaped cabochon cutting, assembled stones, star stones, cat's eyes, special sections on opals, and jade. 65 pages of detailed, illustrated text.

Cabochon Cutting

Cox. Illustrations, photos, and detailed instructions will tell and show how to cut a cabochon.

How to Use Diamond Abrasives

Riggle. Covers the cutting of cabochons and small flats, using diamond abrasives. Subjects covered include trim sawing, slab sawing, grinding, dopping, smoothing, polishing, equipment accessories, and supplies. Detailed illustrations.

The Art of Gem Cutting

Dake. This book teaches how to buy the rough, cut the gems, choose and use equipment. Detailed instructions and complete illustrations.

The Rockhound's Handbook

Mitchell. An indispensable guide to rockhounding for amateurs and experienced collectors.

Miscellaneous

A Sphere Maker's Craft

Ritchie. A guide to making spheres, complete with internet sources, full color pictures, and diagrams.

Facet Cutters Handbook

Soukup. This book contains everything one needs to know to facet a gemstone expertly. Shows 22 beautiful cuts.

Gold Fever

de Lorenzo. The art of panning and sluicing. Maps cover where gold has been found in the western states.

Where to Find Gold & Gems in Nevada

Klein. Gold-bearing regions and selected gem and rock hound areas organized by county. Maps, photos, directions, and historical anecdotes.

Where to Find Gold In N. California
Klein. Veteran prospector, miner, and treasure hunter knows those secrets and shares them in this book.

Where to Find Gold In S. California
Klein. Veteran prospector, miner, and treasure hunter knows those secrets and shares them in this book.

Where to Find Gold in the Desert

Klein. A comprehensive guide

to finding gold in the American southwest.

Glass

Contemporary Fused Glass

Walker. A guide to working with glass in a kiln.

Glass Art from the Kiln

Culler. A guide to creating glass art including detailed instructions and techniques to cutting, fusing, and

coldworking glass.

The Joy of Coldworking

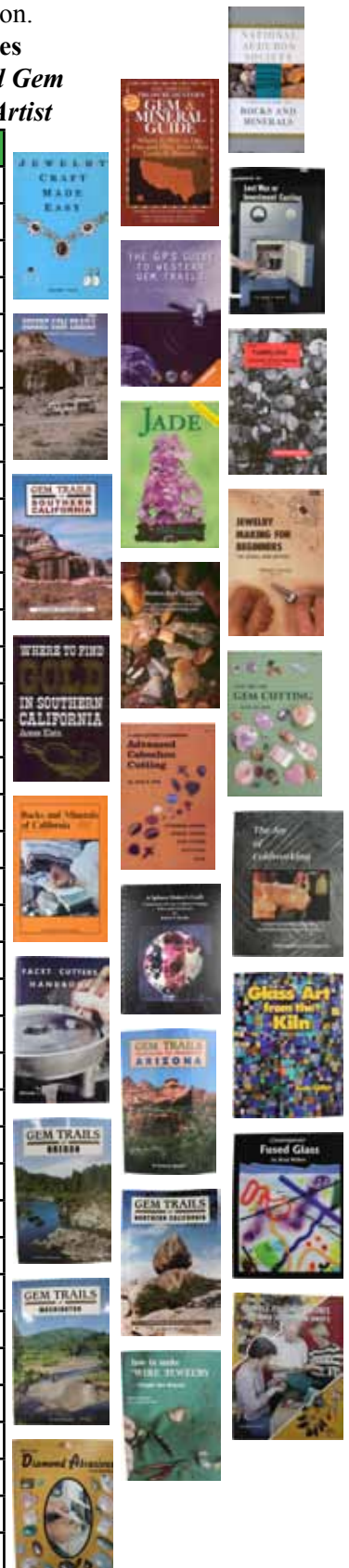
Schmuck. Covering everything from tools and machines, to techniques and aesthetics, this comprehensive guide to coldworking is an excellent source of information.

Magazines

Rock and Gem

Jewelry Artist

Title	Order #	Retail Price	Covington's Price
Advanced Cabochon Cutting	HLBACC	\$6.00	\$5.40
A Sphere Maker's Craft	CMBASC	\$53.75	\$48.40
Cabochon Cutting	HLBCCC	\$6.00	\$5.40
Contemporary Fused Glass	CGBCFG	\$47.95	\$43.15
Desert Gem Trails	GTBDGT	\$10.95	\$9.85
Facet Cutters Handbook	CMBFCH	\$5.00	\$4.50
Gem Trails of Arizona	GTBCAZ	\$14.95	\$13.45
Gem Trails of Northern California	GTBNCA	\$12.95	\$11.65
Gem Trails of Oregon	GTBCOR	\$14.95	\$13.45
Gem Trails of Southern California	GTBSCA	\$12.95	\$11.65
Gem Trails of Washington	GTBCWA	\$14.95	\$13.45
Gem Tumbling & Baroque Jewelry Making	CTBBJM	\$6.50	\$5.85
Glass Art from the Kiln	CGBGAK	\$50.00	\$45.00
Gold Fever	CMBGOF	\$6.95	\$6.25
How to Make Wire Jewelry	CJBHWJ	\$5.00	\$4.50
How to Repair Jewelry	CJBHRJ	\$5.00	\$4.50
How to Tumble Polish Gemstones	CTBTPG	\$6.50	\$5.85
How to Use Diamond Abrasives	HLBHDA	\$5.50	\$4.95
Jade	RIBJAD	\$19.95	\$17.95
Jewelry Artist	MAGCJA	\$6.99	\$6.30
Jewelry Craft made Easy	CJBJCE	\$5.95	\$5.35
Jewelry Making for Beginners	CJBJMB	\$5.00	\$4.50
Lost Wax or Investment Casting	CJBLWC	\$5.00	\$4.50
Modern Rock Tumbling	CTBMRT	\$24.95	\$22.45
Rock & Gem	MAGCRG	\$4.99	\$4.50
Rocks & Minerals of California	RIBRMC	\$13.95	\$12.55
Smithsonian Rock and Gem	RIBCRG	\$24.95	\$22.45
Southwest Gem & Mineral Guide	GTBSGG	\$14.99	\$13.50
The Art of Gem Cutting	HLBAGC	\$6.00	\$5.40
The Audubon Society Field Guide	RIBASG	\$19.95	\$17.95
The GPS Guide to Western Gem Trails	GTBGPS	\$19.95	\$17.95
The Joy of Coldworking	CGBTJC	\$49.95	\$44.95
The Rockhound's Handbook	HLBCRH	\$15.95	\$14.35
The World of Mineral & Crystal Fun for Kids	RIBWMC	\$1.50	\$1.35
Where to Find Gold & Gems in Nevada	CMBGGN	\$8.95	\$8.05
Where to Find Gold in Northern California	CMBGNC	\$10.95	\$9.85
Where to Find Gold in Southern California	CMBGSC	\$9.95	\$8.95
Where to Find Gold in the Desert	CMBCGD	\$9.95	\$8.95



To Order Call: 1-877-793-6636



Power Feed Replacements



700 Series Power Feed: Kit includes lead screw, bronze gear, overrunning clutch, worm shaft assembly, and 3-step pulley.

CBG187

Order #	Description	Weight	Price
CPF700	700 Power Feed	35 lbs.	\$365.00
CPF110	1100 Power Feed	35 lbs.	\$210.00
CPF150	1500 Power Feed	35 lbs.	\$157.50
CBG187	Bronze Gear	1 lb.	\$109.00

1100 Series Power Feed: Kit includes replacement motor, lead screw with over-running clutch, and cut-off switch.

1500 Series Power Feed: Kit includes replacement motor, lead screw with over-running clutch, and cut-off switch.



Flanges & Spacers

Left: CMA258
Right: CSS100 & Spacer



CMA205



Left: CSS275

Right: Stamped Metal Flanges



Milled Aluminum Flanges

CCA275

Made in USA



Order #	Description	Price	Set Screws	Diameter	Width	Please State Bore Size				
						3/8"	1/2"	5/8"	3/4"	1"
SMF150	Stamped Metal Flange	\$2.35	-	1-1/2"	3/16"	X				
SMF200	Stamped Metal Flange	\$2.65	-	2"	3/16"		X	X		
CDA278	Die Cast Aluminum Flange	\$5.80	-	2-7/8"	7/16"			X	X	X
CCA275	CEC Aluminum Cast	\$8.75	2	2-3/4"	3/4"		X	X	X	X
CMS375	494-495 Wheel Spacer	\$9.95	-	1-3/8"	1/8"			X		
CSS275	Aluminum Flange with Spacer	\$9.95	-	2-3/4"	5/16"			X	X	X
CSS100	Steel Shelby Spacer	\$9.95	-	1-1/2"	1/4" Lip					X
CMA300	3" Milled Aluminum Flange	\$21.00	-	3"	3/8"				X	X
CMA400	4" Milled Aluminum Flange	\$25.00	-	4"	3/8"				X	X
CMA500	5" Milled Aluminum Flange	\$29.00	-	5"	3/8"				X	X
CMA600	6" Milled Aluminum Flange	\$33.00	-	6"	3/8"					X
CMA578	Milled Aluminum for Cork & Felt Unit	\$39.00	-	5-7/8"	3/8"					X
CMA205	Machined Aluminum Flange for 497	\$5.00	2	1-1/2"	5/8"		X			
CMA258	Machined Aluminum Flange for 494-495	\$6.50	2	2"	5/8"			X		



Replacement Bearings



Order #	Description	Weight	Price
RUBRS1	For 6" Combination Unit	2 lbs.	\$37.00
LRCS16	For 8" Combination Unit	2 lbs.	\$39.50
SRC160	For Vertical Arbors	2 lbs.	\$45.00
SRF160	For 268 Tumbler - 5/8"	2 lbs.	\$32.00
SRF161	For 16" Horizontal Laps - 1"	2 lbs.	\$65.00
SLS700	For 700 Saw Arbors	2 lbs.	\$27.50
PBB025	Pillow Block Ball Bearing	2 lbs.	\$35.70
BPB531	Bronze Pillow Block Bearing	2 lbs.	\$16.85

Pillow Block Ball Bearings are neoprene sealed and greased for life with a mount spacing of 3-7/16". Ball bearing comes in 1/2", 5/8", 3/4", and 1" bore. *Please specify size when ordering.

Pillow Block Bronze Bearings are self-aligning and feature a large oil reservoir, thick rubber mounting grommets, and mounts spaced 3" apart. Bronze bearing comes in 1/2", 5/8", 3/4", and 1" bore.

*Please specify size when ordering.



Order #	Description	Watts	Weight	Price
CVT200	Voltage Transformer	200W	5 lbs.	\$34.95
CVT300	Voltage Transformer	300W	6 lbs.	\$39.95

This **Transformer** changes 220/240V to 110/120V. These voltage converters will handle either 200 or 300 watts or approximately 2 or 3 amps and can run some of our smaller machines in other countries.



Split Plier & Split Clip

The **Split Plier** is designed for use with the #2 **Vise & Power Feed** 1/2"-13 threaded rod. The 6-1/4" long bronze pliers assembly comes with a spring, pivot stud, lock nut and two (2) each fiber washer and metal wear washer.

The **Split Clip** is designed for use with the 1100 & 1500 series saws. The 3" long spring loaded split clip comes with a 5/16"-24 split nut in its jaws.



Order #	Description	Weight	Price
CSP700	1/2"-13 Split Plier	3 lbs.	\$75.00
CSC110	5/16"-24 Split Clip	1 lb.	\$19.00

Made in USA

Ball Bearing Arbors

CAR14L -- For 8" & 10" Trim Saws

CAR14R -- For 12" to 16" Combination Saws

CAR15R -- For 18" to 24" Slab Saws

CAR16R -- For 8" & 10" Horizontal Laps

CAR17R -- For 8" & 10" Horizontal Combination Units

CAR18U -- For all Sanders (Upper)

CAR19L -- For all Sanders (Lower)



Order #	Shaft Diameter & Thread Flange End	Shaft Diameter & Length Pulley End	Flange	Maximum Space Between Flanges	Overall Length	Mounting Hole Spacing W x L	Mount Hole Diameter	Weight	Price
CAR110	5/8" Smooth	5/8" x 1-3/4"	-	-	6-1/4"	3	1/4"	3 lbs.	\$39.90
CAR120	5/8" Smooth	5/8" x 1-3/4"	-	-	6-1/4"	3	1/4"	3 lbs.	\$39.90
CAR13R	5/8"-18RHT	5/8" x 1-3/4"	2	1/8"	5-1/2"	3	1/4"	3 lbs.	\$49.90
CAR14R	5/8"-18RHT	5/8" x 1-3/4"	2	1/8"	5-1/2"	3	1/4"	3 lbs.	\$49.90
CAR14L	5/8"-18LHT	5/8" x 1-3/4"	2	1/8"	5-1/2"	3	1/4"	3 lbs.	\$49.90
CAR15R	1"-8RHT	1" x 1-1/2" & 3/4" x 1-1/4"	3	1/4"	11-1/2"	3-1/2" x 3-1/4"	3/8"	14 lbs.	\$197.40
CAR16R	1/2"-20RHT	5/8" x 1-3/4"	2	1-1/8"	5-1/2"	3	1/4"	3 lbs.	\$60.00
CAR17R	5/8"-18RHT	5/8" x 1-3/4"	2	1-1/8"	5-1/2"	3	1/4"	3 lbs.	\$60.00
CAR18U	5/8" Smooth	5/8" x 1-3/4"	-	-	5"	3	1/4"	3 lbs.	\$41.00
CAR19L	5/8" Smooth	5/8" x 1-3/4"	-	-	6-1/4"	3	1/4"	3 lbs.	\$40.00

All Covington Ball Bearing Arbors come with a one year replacement warranty. Call for details.

Shaft Adapters & Tapered Spindles



Large Shaft Adapters are a 1"-14 aluminum shaft adapter with a left or right hand nut thread.

Each has 2" inside backing stop for wheel or buff mount. Adapters come in 1/2", 5/8", or 3/4" bore.

*Please specify bore size and left or right hand nut thread when ordering.

Small Shaft Adapters are a 1/2"-20 adapter with a left or right hand nut thread. This shaft will accept wheels that have a 1/2", 5/8", 3/4" or 1" arbor bore and is 3-1/2" long. *Please specify left or right hand thread when ordering.

Tapered Spindles are made to hold muslin or felt buffs. The buffs are screwed onto the taper until tight. Spindles are made with either right or left hand threads. A smooth bore secures the spindle to a smooth shaft with setscrew.

Order #	Description	Weight	Price	Order #	Description	Weight	Price
LSAR35	Large Shaft Adapter Right	1 lb.	\$23.00	CTS002	1/4" Tapered Spindle Left	1 lb.	\$13.50
LSAL35	Large Shaft Adapter Left	1 lb.	\$23.00	CTS003	3/8" Tapered Spindle Right	1 lb.	\$13.50
SSAR04	Small Shaft Adapter Right	1 lb.	\$12.25	CTS004	3/8" Tapered Spindle Left	1 lb.	\$13.50
SSAL06	Small Shaft Adapter Left	1 lb.	\$12.25	CTS005	1/2" Tapered Spindle Right	1 lb.	\$13.50
MSAR05	1/2" Machined Shaft Adapter Right	1 lb.	\$12.50	CTS006	1/2" Tapered Spindle Left	1 lb.	\$13.50
MSAL05	1/2" Machine Shaft Adapter Left	1 lb.	\$12.50	CTS007	5/8" Tapered Spindle Right	1 lb.	\$13.50
CTS001	1/4" Tapered Spindle Right	1 lb.	\$13.50	CTS008	5/8" Tapered Spindle Left	1 lb.	\$13.50

To Order Call: 1-877-793-6636



In-line switch cord

Motors

Covington's **Motors** are U.L. listed with a 3-prong switch cord. **DANGER:** Thermal protected motors will stop if overloaded. If the motor stops, shut-off electrical supply switch, otherwise motor will restart automatically. *Please state motor model, pulley size, and belt size when ordering.



Order #	hp	rpm	Description	Weight	Price
MTR004	1/20	1550	110V, 60Hz motor with studs mount	6 lbs.	\$110.00
MTR618	1/21	1550	110V, 60Hz motor with studs mount	6 lbs.	\$115.00
MTR580	1/6	1550	110V, 60Hz motor with small base mount	8 lbs.	\$130.00
MTR282	1/3	1725	110V, 60Hz motor, commercial duty, split-phase	16 lbs.	\$154.50
MTR853	1/3	1725	110V, 60Hz motor, capacitor start	20 lbs.	\$251.00
MTR199	1/2	1725	110V, 60Hz or 220V, 50Hz motor, capacitor start and thermal protection	28 lbs.	\$265.00
MTR376	3/4	1725	110V, 60Hz motor, capacitor start and thermal protection	30 lbs.	\$316.00
MTR321	1	1725	110V, 60Hz motor, capacitor start and thermal protection	35 lbs.	\$339.00
MTR922	1	1725	110V, 60Hz motor, capacitor start and no thermal protection	33 lbs.	\$366.00
MTR001	1/20	1550	220V, 50Hz motor with studs mount	6 lbs.	\$120.00
MTR552	1/21	1550	220V, 50Hz motor with studs mount	6 lbs.	\$125.00
MTR409	1/3	1425	220V, 50Hz motor, commercial duty, split-phase	12 lbs.	\$215.00
ESC732	-	-	8' 18-3 Electric cord with in-line switch	2 lbs.	\$18.00



Made in USA



Crown Pulleys CFP309

Order #	Description	Weight	Price
CFP309	Crown Pulley	2 lbs.	\$42.50

V-Belts & Pulleys

TBR030



Order #	Description	Weight	Price
SCZ400	2" - 3" x 1/2", 5/8", or 3/4"	2 lbs.	\$24.15
SCZ500	3" - 4" - 5" x 1/2" or 5/8"	3 lbs.	\$38.30
SCZ501	3" - 4" - 5" x 1"	3 lbs.	\$45.00
SCZ630	4" - 5" - 6" x 5/8"	3 lbs.	\$54.80
TBR030	*Variable-speed pulley	5 lbs.	\$96.50

SCZ500



V-Belt

'A' V-Belts											
Length	Order #	Price	Length	Order #	Price	Length	Order #	Price	Length	Order #	Price
21"	A4L210	\$6.25	31"	A4L310	\$6.75	39"	A4L390	\$8.15	47"	A4L470	\$9.50
23"	A4L230	\$6.25	32"	A4L320	\$6.85	40"	A4L400	\$8.35	48"	A4L480	\$9.60
25"	A4L250	\$6.25	33"	A4L330	\$7.00	41"	A4L410	\$8.50	49"	A4L490	\$9.70
26"	A4L260	\$6.25	34"	A4L340	\$7.30	42"	A4L420	\$8.70	54"	A4L540	\$10.20
27"	A4L270	\$6.25	35"	A4L350	\$7.45	43"	A4L430	\$8.90	55"	A4L550	\$10.25
28"	A4L280	\$6.25	36"	A4L360	\$7.60	44"	A4L440	\$9.10	57"	A4L570	\$10.50
29"	A4L290	\$6.35	37"	A4L370	\$7.80	45"	A4L450	\$9.25	58"	A4L580	\$10.60
30"	A4L300	\$6.55	38"	A4L380	\$7.95	46"	A4L460	\$9.45	59"	A4L590	\$10.75

Shipping - 1 lb. each *Please note that other belt sizes are available, call for a quote and availability

'A' V-Pulleys						Cast Iron Pulleys					
Size	Order #	Price	Size	Order #	Price	Size	Order #	Price	Size	Order #	Price
*1-1/2"	AVP015	\$6.25	3-1/2"	AVP035	\$10.50	6"	AVP060	\$18.60	5.60"	SAK560	\$49.95
*2"	AVP020	\$7.15	4"	AVP040	\$11.80	8"	AVP080	\$24.70	6.40"	SAK640	\$56.65
*2-1/2"	AVP025	\$8.05	4-1/2"	AVP045	\$14.05	10"	AVP100	\$38.00	-	-	-
3"	AVP030	\$9.35	5"	AVP050	\$15.35	12"	AVP120	\$46.40	-	-	-

Pulleys are 1/2" wide. *Indicates pulleys which are only available in 1/2" or 5/8". Other pulley sizes are available. Call for quote and availability



V-Pulley

Buff & Polish Chart

INTRODUCTION

1. Many stones polish equally well with several buff and polishing compound combinations. A very hard gem can be polished by a much softer polish powder. Only one polishing agent should be used on a buff.
2. Polishing does not remove any material from the surface. If scratches develop, the stone must be re-sanded.
3. It is impossible to obtain a high glossy finish on very soft materials, especially if they tend to be slightly porous, fibrous or granular. As a last resort with this type of material, a finish gloss can be given by the use of spray varnish.

Material	Buff					Polishing Compound				
	Canvas	Phenolic	Felt	Leather	Muslin	Cerium Oxide	Chrome Oxide	Diamond	Linde 'A'	Tin Oxide
Agate		C	A	B		A-B		C		
Amethyst		C	A	B		A-B		C		
Beryl		D	A	B-C		A	C	D	B	
Calcite				B	A					A-B
Chloastrolite			A			A				
Feldspar			A			A				
Garnet		C	A-B			B	A	C		
Glass			A			A				
Goldstone			A			A				
Hematite	B				A	A			B	
Howlite			A	B					B	A
Jadeite				A-B	C		B		A	C
Jasper			A	B		A			B	
Lapis Lazuli				A-B			B		A	
Malachite				A-B			B		A	
Nephrite-Jade				A-B	C		B		A	C
Obsidian			A			A				
Opal-Australian			A		B	A				B
Opal-Mexican		A						A		
Psilomelane				A-B					A	B
Petosky Stone	A									A
Quartz		C	A	B		A-B		C		
Rhodochrosite				A-B					A	B
Rhodonite				A-B		B			A	
Serpentine				A-B					A	B
Sodalite			A			A				
Thomsonite			A			A				
Tigers Eye				A						
Tourmaline	C			A-B			B	C	A	
Turquoise				A-B					A	B
Unakite			A			A				
Variscite			B-C	A		B			A	C
Wonderstone			B-C	A					A	C
Match letters across rows for best combinations										

BUFFS

Canvas: Canvas is useful when polishing heat-sensitive stones because it develops very little friction.

Muslin: Muslin buffs are recommended for soft stones and gems that are heat sensitive.

Leather: Leather is a versatile buffing material that is both efficient and economical. Leather generates heat, but not as much as felt.

Felt: Felt is useful for polishing glass and stones of even texture. It is not recommended for gemstones that under cut. Friction on felt generates heat rapidly.

Phenolic: Phenolic tools or phenolic lap disc (cab laps) are useful when impregnated with diamond grit. 14,000 Micron (pre-polish) or 50,000 Micron (polish) diamond compound can be applied to the surface of the gemstone and worked with a phenolic carving tool. It can also be applied to the surface of a phenolic lap disc and worked with the gemstone mounted at the end of a dop stick. The diamond will charge the phenolic plate making smoothing and polishing easier.

POLISHING COMPOUNDS

Cerium Oxide: Covington cerium oxide will polish at a faster rate than conventional polishing compounds and produce a superior optical lens surface with no staining or caking. Because it will polish faster, a lower concentration can be used. It is recommended for use on leather, felt, polyurethane foams, and thermoplastic polishing pads. It is a favored polish for quartz type minerals and other gemstone types. It is not recommended for gemstones that will under cut.

Linde "A": A .3 micron aluminum powder that is carefully graded for uniformity of grain size. It is excellent for polishing stones that will under cut. Excellent for hard to polish stones.

Chromium Oxide: Chromium oxide is a hard polishing agent. It is green in color and stains badly. It is useful for polishing jade and stones that will under cut.

Tin Oxide: Tin oxide is an excellent general-purpose polish. It is used to provide a final high gloss finish.

Diamond: Diamond grit is the most efficient polishing medium. It is especially useful for polishing difficult-to-polish stones.

Mohs Scale of Mineral Hardness

Diamond	10	Demantoid	6-1/2-7	Actinolite	5-1/2-6	Fluorite	4-4-1/2
Ruby	9	Fossilized-Wood	6-1/2-7	Anatase	5-1/2-6	Barytoalcite	4
Sapphire	9	Heliotrope	6-1/2-7	Beryllonite	5-1/2-6	Magnesite	4
Alexandrite	8-1/2	Jadeite	6-1/2-7	Elaeolite	5-1/2-6	Rhodochrosite	4
Chrysoberyl	8-1/2	Jasper	6-1/2-7	Hauynite	5-1/2-6	Dolomite	3-1/2-4-1/2
Rhodozite	8	Kornerupine	6-1/2-7	Periclase	5-1/2-6	Chalybite	3-1/2-4-1/2
Spinel	8	Peridot	6-1/2-7	Psilomelane	5-1/2-6	Aragonite	3-1/2-4
Taaffeite	8	Sard	6-1/2-7	Sodalite	5-1/2-6	Azurite	3-1/2-4
Topaz	8	Tanzanite	6-1/2-7	Brazilianite	5-1/2	Cuprite	3-1/2-4
Yag	8	Zoisite	6-1/2-7	Chromite	5-1/2	Chalcopyrite	3-1/2-4
Aquamarine	7-1/2-8	Idocrase	6-1/2	Enstatite	5-1/2	Malachite	3-1/2-4
Beryl	7-1/2-8	Saussurite	6-1/2	Leucite	5-1/2	Sphalerite	3-1/2-4
Emerald	7-1/2-8	Sinhalite	6-1/2	Moldavite	5-1/2	Cerussite	3-1/2
Gahnite	7-1/2-8	Smaragdite	6-1/2	Natrolite	5-1/2	Howlite	3-1/2
Painite	7-1/2-8	Sillimanite	6-7-1/2	Willemite	5-1/2	Witherite	3-1/2
Phenacite	7-1/2-8	Cassiterite	6-7	Scapolite	5-6-1/2	Coral	3-4
Almandine	7-1/2	Epidote	6-7	Cancrinite	5-6	Pearl	3-4
Andalusite	7-1/2	Hiddenite	6-7	Diopside	5-6	Anhydrite	3-3-1/2
Euclase	7-1/2	Kunzite	6-7	Hypersthene	5-6	Celestine	3-3-1/2
Hambergite	7-1/2	Amazonite	6-6-1/2	Limenite	5-6	Barite	3
Uvarovite	7-1/2	Aventurine	6-6-1/2	Lapis lazuli	5-6	Calcite	3
Andradite	7-7-1/2	Feldspar	6-6-1/2	Lazulite	5-6	Wulfenite	3
Cordierite	7-7-1/2	Benitoite	6-6-1/2	Tantalite	5-6	Jet	2-1/2-4
Danburite	7-7-1/2	Ekanite	6-6-1/2	Turquoise	5-6	Crocoite	2-1/2-3
Garnet	7-7-1/2	Labradorite	6-6-1/2	Datolite	5-5-1/2	Garnierite	2-1/2-3
Iolite	7-7-1/2	Moonstone	6-6-1/2	Obsidian	5-5-1/2	Phosgenite	2-1/2-3
Rhodolite	7-7-1/2	Nephrite	6-6-1/2	Sphene	5-5-1/2	Gaylussite	2-1/2
Staurolite	7-7-1/2	Orthoclase	6-6-1/2	Thomasonite	5-5-1/2	Proustite	2-1/2
Tourmaline	7-7-1/2	Petalite	6-6-1/2	Apatite	5	Pseudophite	2-1/2
Amethyst	7	Prehnite	6-6-1/2	Augelite	5	Serpentine	2-1/2
Citrine	7	Pyrite	6-6-1/2	Dioptase	5	Chrysocolla	2-5-1/2
Dumortierite	7	Rutile	6-6-1/2	Glass	5	Ivory	2-4
Prasiolite	7	Strontium	6-6-1/2	Hemimorphite	5	Amber	2-3
Rock-Crystal	7	Titanate	6-6-1/2	Smithsonite	5	Meerscham	2-2-1/2
Smoky-Quartz	7	Amblygonite	6	Wardite	5	Alabaster	2-2-1/2
Rose-Quartz	7	Bytownite	6	Kyuanite	4-1/2-7	Ulexite	2
Tigers-Eye	7	Sanidine	6	Apophyllite	4-1/2-5	Vivianite	1-1/2-3
Zircon	6-1/2-7-1/2	Thulite	6	Scheelite	4-1/2-5	Stichtite	1-1/2-2-1/2
Agate	6-1/2-7	Tugtupite	6	Zincite	4-1/2-5	Sulphur	1-1/2-2
Axinite	6-1/2-7	Hematite	5-1/2-6-1/2	Colemanite	4-1/2		
Chalcedony	6-1/2-7	Opal	5-1/2-6-1/2	Kurnakovite	4-1/2		
Chloromelanite	6-1/2-7	Rhodonite	5-1/2-6-1/2	Purpurite	4-1/2		
Chrysoprase	6-1/2-7	Tremolite	5-1/2-6-1/2	Variscite	4-5		

Pulley Speed Chart

1725rpm motors	Driven Pulleys									
	1-1/2"	1-3/4"	2"	3"	4"	5"	6"	8"	10"	12"
1-1/2"	1725	1440	1230	785	575	455	380	280	220	185
1-3/4"	2070	1725	1475	940	690	545	450	335	265	220
2"	2410	2010	1725	1100	805	635	626	390	310	255
3"	3800	3160	2700	1725	1265	1000	825	615	485	405
4"	5180	4310	2695	2360	1725	1360	1125	835	655	550

Read speed data chart by bringing the vertical drive pulley size and the horizontal driven pulley size together for the given rpm. Example: 2" drive pulley and 3" driven pulley equals 1100rpm. Data is approximate.

FedEx Rate Chart									
(Please use these rates as a guideline)									
Covington charges exact FedEx charges from 92374. current rates available @ www.fedex.com									
Weight	Price	Weight	Price	Weight	Price	Weight	Price	Weight	Price
1 lb.	\$6.22	11 lbs.	\$11.99	21 lbs.	\$20.02	31 lbs.	\$28.41	41 lbs.	\$35.53
2 lbs.	\$7.13	12 lbs.	\$12.79	22 lbs.	\$20.89	32 lbs.	\$29.27	42 lbs.	\$36.09
3 lbs.	\$7.88	13 lbs.	\$13.62	23 lbs.	\$21.74	33 lbs.	\$30.08	43 lbs.	\$36.71
4 lbs.	\$8.44	14 lbs.	\$14.40	24 lbs.	\$22.59	34 lbs.	\$30.93	44 lbs.	\$37.71
5 lbs.	\$8.91	15 lbs.	\$15.18	25 lbs.	\$23.42	35 lbs.	\$31.74	45 lbs.	\$37.93
6 lbs.	\$9.10	16 lbs.	\$15.84	26 lbs.	\$24.25	36 lbs.	\$32.49	46 lbs.	\$38.56
7 lbs.	\$9.40	17 lbs.	\$16.68	27 lbs.	\$25.09	37 lbs.	\$33.11	47 lbs.	\$39.18
8 lbs.	\$9.96	18 lbs.	\$17.52	28 lbs.	\$25.96	38 lbs.	\$33.73	48 lbs.	\$39.81
9 lbs.	\$10.58	19 lbs.	\$18.37	29 lbs.	\$26.74	39 lbs.	\$34.42	49 lbs.	\$40.42
10 lbs.	\$11.28	20 lbs.	\$19.21	30 lbs.	\$27.59	40 lbs.	\$34.99	50 lbs.	\$41.04
These prices may vary depending on zone, fuel surcharges, FedEx rate changes, and/or service requested									

Place in an envelope and send to:
Covington Engineering
Attn: Sales
P.O. Box 35
Redlands, CA 92373

USPS Rate Chart							
(Please use these rates as a guideline)							
Covington charges exact USPS charges from 92374. Current rates available @ www.usps.com							
Weight (Not Over)	Zones 1 & 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8
1 lb.	\$5.10	\$5.15	\$5.25	\$5.35	\$5.45	\$5.60	\$5.95
2 lbs.	\$5.20	\$5.55	\$6.20	\$7.90	\$8.60	\$9.15	\$10.20
3 lbs.	\$5.95	\$6.80	\$7.80	\$9.35	\$10.35	\$11.15	\$13.20
4 lbs.	\$6.70	\$7.85	\$8.95	\$12.40	\$13.50	\$14.35	\$15.90
5 lbs.	\$7.95	\$9.10	\$10.25	\$14.05	\$15.45	\$16.50	\$18.35
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Insurance may be added to order. For larger orders, a \$2.50 postal fee may be added.							

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5 lbs.	\$7.95	\$9.10	\$10.25	\$14.05	\$15.45	\$16.50	\$18.35
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Insurance may be added to order. For larger orders, a \$2.50 postal fee may be added.							



Lost or Damaged Merchandise

Inspection: Check your shipment carefully when delivered to see that it is in good order and that all cartons are accounted for. When cartons check short or are in bad condition, have the carrier's agent (truck driver) make notation of this fact on the freight bill or receipt, and then he must sign it.

Concealed Loss or Damage Discovered After Delivery: Loss or damage must be reported to the delivering carrier upon discover, or, in any event, within 15 days of receipt. Also notify Covington's of damaged goods so we can assist in the process. Hold goods, containers, and packing materials in the exact condition as found for inspection by the carrier. If an inspector does not call within 48 hours, request an inspection by certified letter with return receipt. After viewing the damage, the inspector will issue an inspection report. You need a copy to support your claim.

Delivery: Once you accept delivery of the goods, the responsibility for filing a claim for damage, if any, is yours. ***Failure to properly report loss or damage is generally regarded as indicating complete delivery of freight in good condition.***

Filing A Claim: Make your claim promptly. Obtain the proper forms from the carrier. There are specific documents required to support claims. They are: (1) Original Bill of Lading, (2) Original destination freight bill, (3) Original invoice, (4) Correspondence with Covington or the carrier, (5) Concealed loss form or copy of inspectors report, (6) Itemized bill (or estimate) for the cost of repairs. **Billing:** Please do not deduct the amount of loss or damage from Covington's invoice while awaiting adjustment of the claim. ***We do NOT guarantee safe delivery.***

Important: Covington Engineering wants to assist you in every manner possible in collecting claims against carriers for loss or damage, but our willingness to do so does not make us responsible for filing or collecting claims.

Return of Goods (Machines) for Repair: Do not return goods without first securing authorization and shipping instructions from Covington Engineering.

Special Order: Any modification or deletion of parts from a machine as advertised will subject the unit to a 2% service charge.

Prices & Packing Charges

All prices are FOB. Redlands, California and are subject to change without notice. Every effort will be made to maintain the lowest price structure possible. California residents must pay sales tax.

Packing Charge: 1% of entire order (\$0.25 Minimum).

Warranty & Money Back Guarantee

If you are not completely satisfied after inspecting your purchase, return it unused within 10 days of receiving it and your purchase price will promptly be refunded. For your protection repack it well, address it to Covington Engineering Corp., 715 West Colton Avenue, Redlands, CA 92374, prepay and insure your shipment and send it to us. We **WILL NOT** charge you the regular 15% inspection, repacking and restocking charge. Covington equipment is fully guaranteed by us against defective parts f.o.b. factory for as long as you own the machinery. If you return the defective part to our factory we will repair or replace the part free of charge. Adjustments will be made within a reasonable time, depending on the part being repairable, in stock, or having to be made for obsolete machines. The customer will pay any transportation, packing, or insurance involved. This guarantee does not cover normal wear and tear, electrical burnouts, damage, alterations, neglect, and other manufacturers products beyond their published guarantee. This is our only guarantee and it applies whether you purchase an item for a few pennies or an intricate piece of machinery. In short, buy Covington equipment with confidence.

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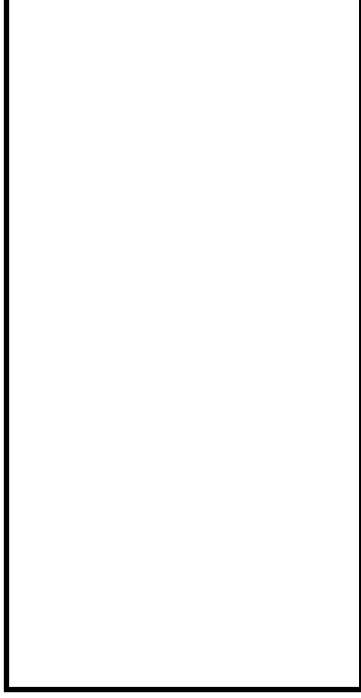
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