

# CONLEY CASTING SUPPLY CORP.

Lost Wax Casting Equipment



Equipment and Supplies  
since 1972

**IMPORTANT DATA**

**CALL TOLL FREE ..... (800) 445-7900**  
**IN RHODE ISLAND ..... (401) 785-9500**  
**FAX ..... (401) 781-9420**  
**E-MAIL ..... info@conleycasting.com**

Please read the following information for answers to frequently asked questions.

When ordering, please specify the product name as well as the item number.

All our products are competitively priced. Due to the constant cost fluctuations of many of our items we have not included a price list. Please call and we will be happy to issue a quotation on any of our products.

We are proud of the service we offer our customers. In addition to offering complete product availability we provide every service a manufacturer might require relative to any of our products.

Shipping will be by best means unless otherwise specified. Once your order leaves our warehouse with the carrier they become responsible for your shipment. We will assist in every way possible to assure prompt delivery and in making claims for loss or damage to your shipment.

**RETURNS**

All returns must be made within 14 days of receipt. All returns must have a Return Authorization Number. Please call us and we will be happy to assist you. Some items may be subject to a restocking fee.

Items that have been damaged as a result of misuse will not be accepted for return.

**TERMS**

**Open Account**—To obtain open account credit we require a bank reference and three credit references with whom you already have open credit terms. Our terms are NET 30 days. We reserve the right to limit credit amounts. Past due accounts will be shipped on a C.O.D. basis only.

**Cash**—Send a check or money order with your order, but please, do not send cash through the mail. For your convenience we accept Visa and MasterCard. Credit card purchases in excess of \$1000.00 may be subject to an additional charge of 3%.

**C.O.D.**—If you request that your order be sent C.O.D. by United Parcel Service (UPS) or common carrier you may be charged an additional C.O.D. charge by the carrier. Minimum C.O.D. order is \$10.00.

**TAXES**

State sales tax for Rhode Island, Massachusetts and Connecticut will be charged where applicable unless you have filed the proper exemption certificate with us. We do not collect sales tax for any other states, it may be necessary for you to pay the taxes directly to those states.

Due to space limitations we were unable to include all our products in this catalog. If you need something but do not see it here, please call our Customer Service Department. We attempt to carry most of the products that you might need for the manufacture of jewelry.

*Visit our web site at  
[www.conleycasting.com](http://www.conleycasting.com)*

*E-Mail us at: [info@conleycasting.com](mailto:info@conleycasting.com)*

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## PATTERN INJECTION WAX



All waxes formulated by Conley Casting Supply Corp. are compounded from virgin materials in our own facility. Our stringent quality controls guarantee our customers a product consistent in its quality from batch to batch.

We offer nine different waxes for injection that assure superior patterns. All formulations are compatible and pattern materials may be blended for special needs. Our waxes are made in standard colors which may vary

slightly with each batch. Custom colors are available in quantities of 300 lbs.

All wax temperatures mentioned in the description of individual waxes are taken directly in the molten material for greatest accuracy. If you use thermometers in a well you will have to compensate for the difference in the internal temperature.

### No. 133 Ultra Tuff

Operating pressure of this wax is 3-8 psi at a temperature of 153°F-160°F with a flow that is linear throughout these parameters. A new formula of high tech resins, paraffin, and polymers are blended to bring out their superior qualities. Ultra Tuff is offered in powder blue-green, a solid color that is easy to read. This wax need not be mixed with any other to achieve the optimum characteristics. #2W-133

### No. 124 Wax

This is a formulation that was developed as an economical, all purpose wax. In addition to having all the outstanding qualities of our other waxes, it preforms exceptionally well on heavier pieces. #2W-124

### No. 126 Ultra Flex

No. 126 is a versatile wax that is excellent for both large and small pieces. It's flow range is from 152°F -158°F at pressure from 4 to 15 pounds. This blue-green wax is granulated for easy handling and fast melting. It is pliable, has good memory, and can be stored for long periods of time. #2W-126

### Alpha Wax

Alpha Wax has tremendous plasticity and memory, and excellent reproduction qualities. It is easily removed from molds so that in most cases no powder is needed. Inject it at 148°F-154°F at pressure from 4 lbs. for heavier pieces up to 15 lbs. for filigree. Dwell time is normal, but should be increased up to ten seconds for heavy patterns. Alpha is our only carvable injection wax. It is available in orange. #2W-ALPHA

### Beta Wax

Beta Wax is a standard formulation which flows particularly well and will reproduce even the finest patterns. It is injected at a temperature of 150°F-154°F at normal pressures. It has good detail, but tends to become brittle. In many instances, powder may not be necessary. Beta is available in red. #2W-BETA

### Delta Wax

Delta is a good all-around wax that works exceptionally well on heavier pieces. It fills them without "dipping" provided low pressures and adequate dwell time (6-10 seconds) are used. Inject it at temperatures ranging from 148°F to 155°F for very fine filigree. Delta wax has superb reproduction qualities, plasticity, and memory. Most patterns can be made without using powder. The standard color for this wax is a deep red. #2W-DELTA

### No. 127 High Pressure

No. 127 is suitable for metal as well as rubber molds. It can be used in high pressure injectors at temperatures from 138°F to 141°F or in a standard wax injector from 145°F to 150°F. This wax is available in blue-green. #2W-127

### Everflex

This wax was developed specifically for spin casting wax patterns. It has excellent memory and remains flexible even after being stored for a period of time. The standard temperature is 190°F to 220°F for spin waxing and 150°F to 155°F for injecting. Everflex comes in green. #2W-Everflex-1

# WAX INJECTORS AND ACCESSORIES



## YASUI VACUUM WAX INJECTOR AND AUTO CLAMP

### Vacuum Wax Injector:

1. Good filling. Vacuuming the mold before injection ensures good filling for fine filigree and difficult designs.
2. Accurate temperature control. Wax tank temperature and nozzle temperature are individually controlled so that an accurate injection temperature is obtained.

### Auto Clamp:

1. No fatigue and easy operation. Place a mold on the clamp and press a start button. The work cycle (clamp, deliver mold to the nozzle, receive wax, hold it until wax gets hard, and unclamp) will be done automatically.
2. Flexible Universal Joint (U.S. Patent) enables the sprue of the rubber mold to always be aligned with the nozzle of the wax injector.

### Pressure Controller:

1. Eight different pressure levels are memorable. Just choose one of 8 buttons for the input optimum pressure.
2. Quick pressure control raises productivity.
3. Accurately controlled injection pressure assures the constant weight and quality for each wax model.
4. Can be connected to any kind of wax injector.



## CONLEY UNIVERSAL AUTO CLAMP

A revolutionary new product that clamps the mold, injects and times each wax pattern with exact and precise pressure each time. The auto clamp has been proven to increase production from 30 to 50 percent while controlling the wax weight, which is a must for precious metal.

### LARGE CLAMP OPTION

### AIR PRESSURE CONTROL

A convenient accessory when large and small molds are required. Maximum capacity 5" wide X 6" deep.

## WAAGE WAX MELTING POTS (not shown)

- MELTS WAX ELECTRICALLY
- TEMPERATURE CONTROLLED
- BUILT TO LAST

WAAGE WAX MELTING POT SPECIFICATIONS:  
Approx. Dimensions, Inches

Cat. No.	Capacity Aluminum	Watts	-Inside-		-Outside-		Control
			Dia.	Depth	Dia.	Depth	
WP1A	1 Pt.	300	3 1/2	3	5 1/2	6 1/2	
WP2A	1 Qt.	500	5	3 1/2	7	6 1/2	
WP4A	2 Qt.	600	5 1/2	5	8	8 1/2	
WP8A	1 Gal.	1000	8	5 1/2	9	10	100°—550°F
WP16A	2 Gal.	2000	10 1/2	6	13	9 1/2	Automatic
WP28A	3 1/2 Gal.	3000	10 1/2	10	14	14 1/2	Thermostat
WP40A	5 Gal.	4500	12	12	16	18	Control

One and two quart models available with hand pump for filling molds without air pressure. Hand pump available for injecting rubber & metal molds.

## CONLEY DELUXE WAX INJECTOR

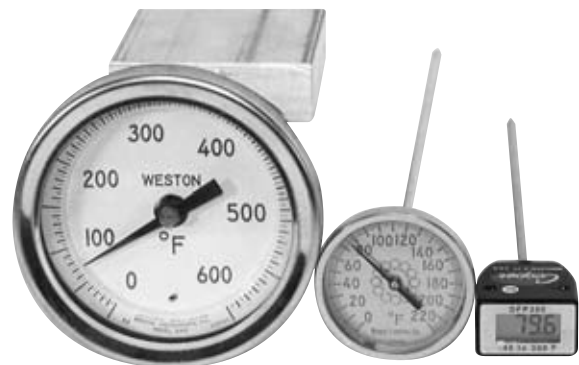


Our deluxe wax injector has an aluminum ceramic-mica heating element, wax drain spigot, and a heated, double insulated nozzle. A liquid filled, highly sensitive thermostat insures consistent, accurate temperature. An optional second nozzle is available. Four quart capacity.

Dimensions: 10 1/2 Dia. x 19" High

120v 50hz/60hz  
220v 50hz/60hz

#WAX-INJ-AP



## THERMOMETER DIAL AND DIGITAL READ OUT

### STEM 3" DIAL

#THERMO-06 — 6" — 50-500°F

### 1 1/2" DIAL

#THERMO-08 — 8" — 0-220°F

#THERMO-18 — 15" — 200-1000°F

DIGITAL THERMOMETERS — 40-450°F

# CASTALDO MOLDING PRODUCTS



## CASTALDO WHITE & GOLD LABEL

- Castaldo Gold Label is a high flexibility rubber with exceptional tear resistance. It cuts easily and smoothly and gives long lasting molds. Gold Label is excellent for delicate wax patterns. Vulcanizes in 60 minutes at 300°F.
- Castaldo White Label offers good flexibility with less shrinkage than the gold.
- Castaldo No Shrink Pink is a good choice for mold makers who require precise shrinkage. It has a molding temperature range of 290°F-320°F.
- Castaldo Ready Cut Rubber makes mold making quick and easy with no waste. This product helps cut cost while adding productivity that is essential in today's market.
- Castaldo Molding Frames are made with precision as well as ease of workability in mind.



**ITEM NO.**  
 RB-MM-GL2-7/8  
 RB-MM-GL6X7X1  
 RB-MM-GL ROLL

**GOLD LABEL**  
 Strip 2 7/8"  
 1 Ply 6"x7"  
 50 Lb. Roll

**ITEM NO.**  
 RB-MM-WL2-7/8  
 RB-MM-WL Roll

**WHITE LABEL**  
 Strip 2 7/8"  
 50 Lb. Roll

**NO SHRINK PINK**  
 RB-MM-NSP-2 7/8

RB-MM-GL READY CUTS SM. & MED.



# CONLEY CASTING & CASTALDO RTV PRODUCTS

## CASTALDO RTV PRODUCTS

This high grade liquid urethane is ideal for reproducing one of a kind wax, plastic, or clay models. It is offered in one pound or ten pound kits with complete instructions.

Castaldo Liquacast 1 lb. & 10 lb. kits.

Conley Liquid Mold Rubber 1 lb. & 10 lb. kits.

## CONLEY CASTING RTV SILICONE

Our liquid silicone is great for the reproductions of wax, plastic, or clay into white metal model form by either gravity feed models or centrifugally in our centrifugal model kit. The RTV is offered in one or two pound kits in a firm flexibility.



#RTV 312-1LB FIRM

#RTV 312-2LB FIRM

We carry good quality scales and vacuum machines for properly weighing and degassing RTV and liquid resins.



OHAUS SCALES

# MOLDING SUPPLIES



## BLADES AND ACCESSORIES

Carbon steel, detachable, razor sharp surgical blades used to cut gates and vents in jewelry rubber molds.

### BARD PARKER 150 Count Box

		Handle #
#BLA/BP11	#11 (straight)	5
#BLA/BP12	#12 (curved)	5
#BLA/BP25	#25 (lg. straight)	6
Hand 45	#5 Handle	
Hand 46	#6 Handle	

### SWANN MORTON 100 Count Box

		Handle #
#BLA/SM11	#11 (straight)	5
#BLA/SM12	#12 (curved)	5
#BLA/SM26	#26 (lg. straight)	6
#BLA/SE	Industrial single edge	



### BRASS SETTINGS ROUND

- #SET-40 Small
- #SET-48 Large



### ALUMINUM SETTING ROUND

- #SET-1749



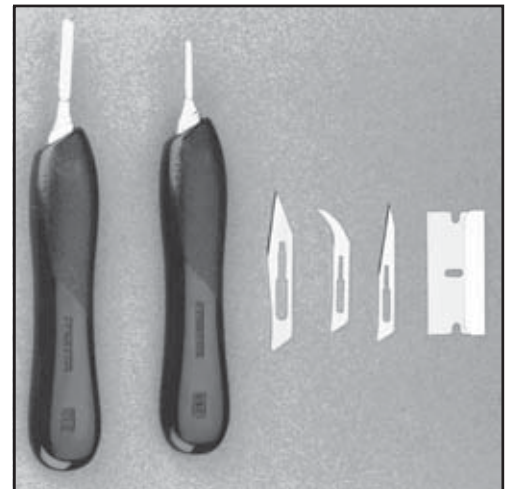
### ALUMINUM SETTING SQUARE

- #SET-1168



### BRASS SETTING SQUARE

- #SET-138



## MOLD SPRAYS

- CASTALDO**—A light silicone spray used as a release agent for wax gates and patterns.  
#MOLDRL-CAS
- SLIDE**—A heavy silicone spray used in mold frames, on sprue formers, and wax gates.  
#MOLDRL-SL
- SPRITS**—A light silicone spray used on models and in frames and molds to aid in releasing pieces without excess build up.  
#MOLDRL-SP
- MS-122**—A dry release and lubricant used on models for white metal as well as lost wax molding.  
#MOLDRL-122
- SLIDE ON/CYCLE**—A citrus based solvent, mold clear is for cleaning raw rubber.  
#MOLD-ON-CY
- STONER**—A citrus based cleaner/degreaser used for cleaning raw rubber.  
#MOLDCL-A500



## MAUN CUTTER

- These Maun Cutters have tough jaws and a return spring in the handle which enable them to cut most size sprues easily. 5 1/2".
- #CUT-MAUNFL  
Flush Cut
- #CUT-MAUN  
Non Flush Cut



# VULCANIZER & FRAMES



## CONLEY DELUXE LOST WAX VULCANIZER

A full size completely controlled upper and lower platen vulcanizer that incorporates all the best engineering features and requires a minimal amount of bench space.

Specifications: Dimensions: 9 1/2" D x 15 1/2" x 20 1/2" H  
 Platens: 6" x 8 1/4"  
 115V AC 600 WATTS  
 50/60 Hz  
 Shipping Weight 58 lbs.

#VULC-SM-LW



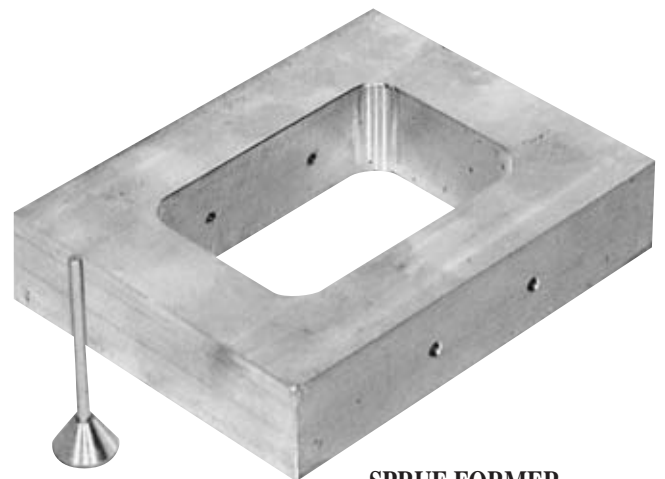
## MOLD FRAMES WITH PLATES

These plates fit standard vulcanizers and can make three molds at one time.  
 Custom sizes available.  
 Made of machine steel.  
 #FRM03  
 3 1/2" x 6" x 1"

## ALUMINUM MOLD FRAMES

Single

Size No.	Mold Dimensions
2	1 7/8" x 2 7/8" x 3/4"
3	1 7/8" x 2 7/8" x 1"



## SPRUE FORMER

This sprue former assures proper fit on the nozzles of either of our wax injectors. The nozzle former fits a 1/8" welding rod.  
 #SPRUFORM



## CONLEY PRECISION WAXER

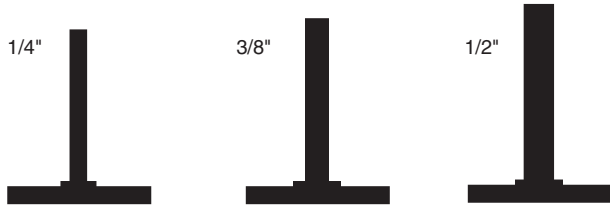
This is our finest electric waxing instrument. Mending, sprueing, and/or treeing of patterns can be done with great precision. It is exceptional for assembly of two or more wax pieces into one final pattern. For wax carvers it is ideal for making master patterns of wax. It can also be used by mold makers for spot burning gates into rubber molds. 110 Vac  
 #WAXER-PREC

# INVESTING, FLASKS, WASH & OIL

## WAX STICKS

A high quality wax that has a good dwell time for your every sprueing need.

ITEM NO.	DIAMETER	LENGTH	COLOR
WAX-1/4x24	1/4"	24"	Red
WAX-3/8x6	3/8"	6"	Red
WAX-3/8x24	3/8"	24"	Red
WAX-1/2x5	1/2"	5"	Red
WAX-1/2x5 1/4	1/2"	5 1/2"	Red
WAX-1/2x24	1/2"	24"	Red
WAX-1/2x6	1/2"	6"	Blue
WAX3/8x6	3/8"	6"	Blue



## CASTING FLASKS

All Flasks are made of T304 12 gauge stainless steel. Also available in T309.

ITEM NO.	DIAMETER	HEIGHT
FLA3-1/2x5	Flask 3 1/2"	5"
FLA-3 1/2x7	Flask 3 1/2"	7"
FLA-4x 3 1/2	Flask 4"	3 1/2"
FLA-4x4	Flask 4"	4"
FLA-4x5	Flask 4"	5"
FLA-4x6	Flask 4"	6"
FLA-4x7	Flask 4"	7"
FLA-4x8	Flask 4"	8"
FLA-5x4	Flask 5"	4"
FLA-5X5	Flask 5"	5"
FLA-5x6	Flask 5"	6"
FLA-5x7	Flask 5"	7"
FLA-5x8	Flask 5"	8"
FLA-6x4	Flask 6"	4"
FLA-6x5	Flask 6"	5"
FLA-6x6	Flask 6"	6"
FLA-6x7	Flask 6"	7"
FLA-6x8	Flask 6"	8"
FLA-6x9	Flask 6"	9"
FLA-6x10	Flask 6"	10"
FLA-COLH	Flask Collar	4" Diameter

Perforated flasks fabricated upon request.



## RUBBER BASES TREE & FLAT BACK

These durable bases are made to be soft and pliable so they will adapt themselves perfectly to a flask which might be distorted from use. Tree Bases have tapered sprue and Flat Back have large centers for button sprueing.

ITEM NO.	TREE BASES
3BA-3 1/2	3 1/2" Tree Base with 3/8" Hole
3BA-4 x 3/8	4" Tree Base with 3/8" Hole
3BA-4 x 1/2	4" Tree Base with 1/2" Hole
3BA-5 x 1/2 LC	5" Tree Base with 1/2" Hole Large Cone
3BA-5 x 1/2 SC	5" Tree Base with 1/2" Hole Small Cone

ITEM NO.	FLAT BACK
3BA-FL4	4" Flat Back
3BA-FL4/SP	4" Flat Donut Base
3BA-FL5	5" Flat Back
3BA-FL6	6" Flat Back

Bases are also available in black hard rubber upon request.

## WETT WASH

Wett Wash is used to wet the wax pattern before investing to remove small particles and prevent air bubbles from sticking to the wax.  
#Wett Wash

## VACUUM PUMP OIL

The oil in vacuum pumps should be changed at regular intervals. Our oils are available in one gallon containers.

#OIL BUSCH	Busch/Reitschle Oil for new, direct drive pumps
#OIL VAC	VAC Oil for older, belt driven pumps
#OIL FL	Flushing Oil

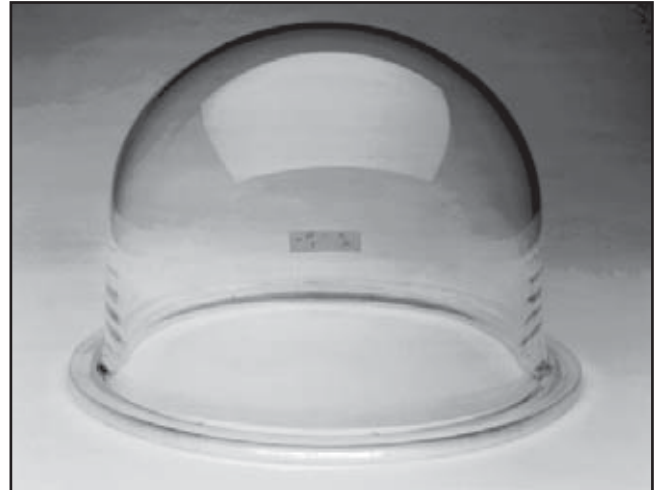


# INVESTING TABLE, MIXER, SCOOPS & PAN



## VACUUM TABLE SETUP

This Rietchle vac pump is mounted on a stand with all related piping, vacuum filter, and gauge that supplies 28 CFM of vacuum to the 20" x 16" plastic bell jar. The bell jar rests on a 1/4" pure gum rubber pad on top of a 25" square x 1/2" thick aluminum jiggle plate.



## PLASTIC BELL JARS

No.	Inside Diameter	Inside Height	Outside Diameter
BELLJ12	12"	10"	14"
BELLJ16	16 1/4"	14"	19 1/2"
BELLJ20	20"	16"	24"

## HOBART INVESTMENT MIXERS

- Planetary blade motion covers entire bowl
- Stainless steel bowls
- Easy bowl removal
- Built-in timers on models A120T & A200T
- Beater blade supplied with each machine

Model	Capacity	Electric Current	Bench Space	Net Weight	Shipping Weight
A-120-T	12-quart	110v AC	15 1/2"x18 1/2"	150 lbs.	185 lbs.
A-200-T	20-quart	110v AC	15 1/2"x19"	175 lbs.	235 lbs.

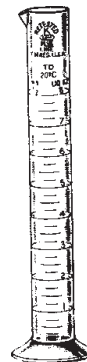
220 Vac available upon request.



## INVESTMENT SCALE, PAN, SCOOP & TIMER

The HOMS 40 lb. heavy duty scale is for weighing investment batches up to 30 lbs. The pan is sturdy and light weight and can hold approximately 30 lbs. of investment.

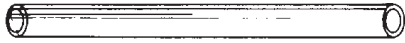
Our investment scoop is made of heavy gauge sheet metal with a handle that makes it easy to remove investment from the barrel. The Gralab Investment Timer is durable and precise. Constructed of plastic, it has large, easy-to-operate clock hands and switches. 110 Vac grounded plug.



## GRADUATED CYLINDERS

Available in sizes: 1000 milliliters, 2000 milliliters, 4000 milliliters  
#CYL

# RODS, TONGS & GLOVES



## QUARTZ STIRRING ROD

#ROD-Q 3/8 12" long x 3/8" dia.



## CARBON STIRRING ROD

For stirring gold, silver and other alloys in crucibles while melting.  
Non-contaminating.

#ROD-GRY 12" long x 1/2" dia.



## FLASK TONGS

The unique end design on these tongs enables them to handle large or small flasks.

#TONG-FL15 15" long

## EXTRA LONG FLASK TONGS

#TONG-FL35X4 35" long, 4" throat

#TONG-FL35X5 35" long, 5" throat

#TONG-FL35X6 36" long, 6" throat



## SPECIAL CRUCIBLE TONGS

For lifting clay crucibles out of gas fired melting furnaces.

#TONG-CR-SP 48" long, Braced Finger Type



#TONG-CR15 15" Finger Type

#TONG-CR121 21" Finger Type

#TONG-CR25 25" Finger Type

## ALUMINUM APRON

This lightweight, heat reflective apron is for protective use during brief exposure to intense heat.

#APRON-AL



## ALUMINIZED HEAT REFLECTIVE GLOVES

#GLOV-ALUM



## HEAT GLOVES 18"

#GLOV-18SIM



## BROWN THE

Excellent for handling hot molds

#GLOV-BRWN



## BOSS LEATHER PALM GLOVES

#GLOV-BOSS

# GLASS BEAD BLAST, DEWAXING OVEN & HYDRO-AIR GUN



## HYDRO-AIR GUN

The Hydro-Air Gun uses compressed air and water to remove investment from cast pieces. While its use requires a deep sink or tank, the speed and efficiency with which it works make it an indispensable tool for the professional caster. Air pressure can be varied by placing a regulator valve on the compressed air line.

#GUN

## GLASS BEADS

A mixture of dissimilar grains for fine micro finish to be used in bead blast cabinet. 50 lb. bags are available in three grades.

#BEAD

Fine #BT13

Medium #BT10

Course #BT8

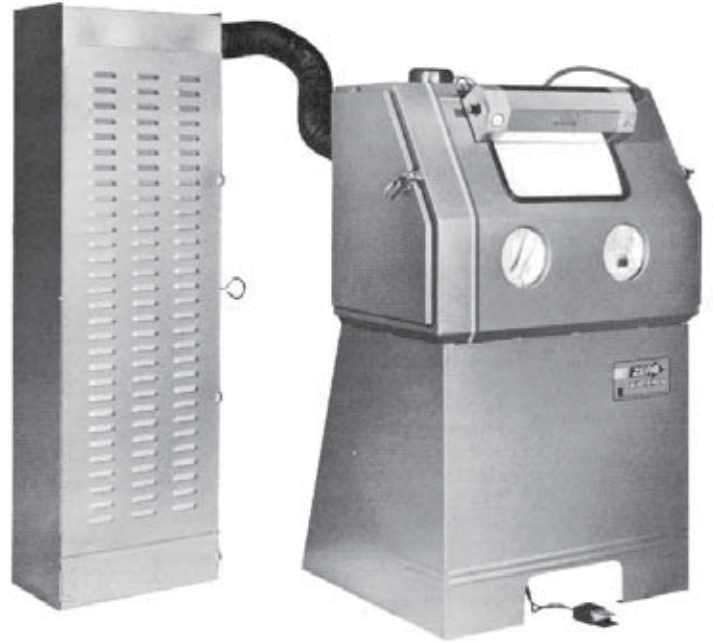


## GLASS BEAD SANDBLAST GLOVES

These rubberized gloves are for use with most bead blast machines.

#GLOV-BLK Black Zero Blast Glove

#GLOV-WHT White Trinco Glove

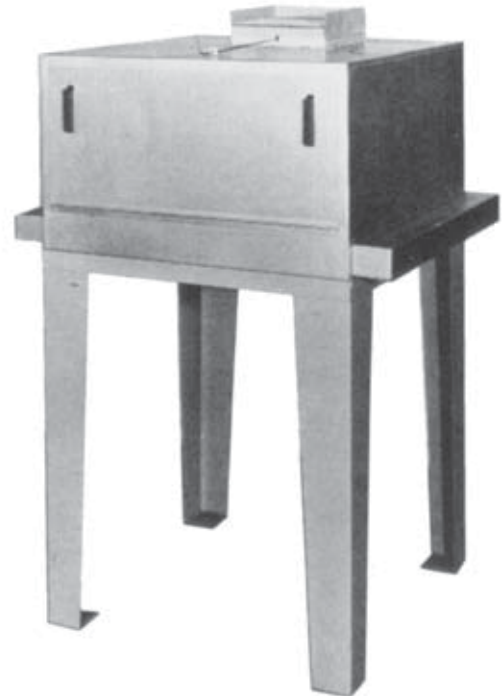


## BEAD BLAST

### ZERO BLAST BNP 55 DRY BLAST CABINETS

Zero's blasting cabinets are crafted of high quality materials and smoothly finished to provide years of efficient service. Zero's cabinets cut production cost, and bring the latest innovative designs making the work easier, faster and more economical.

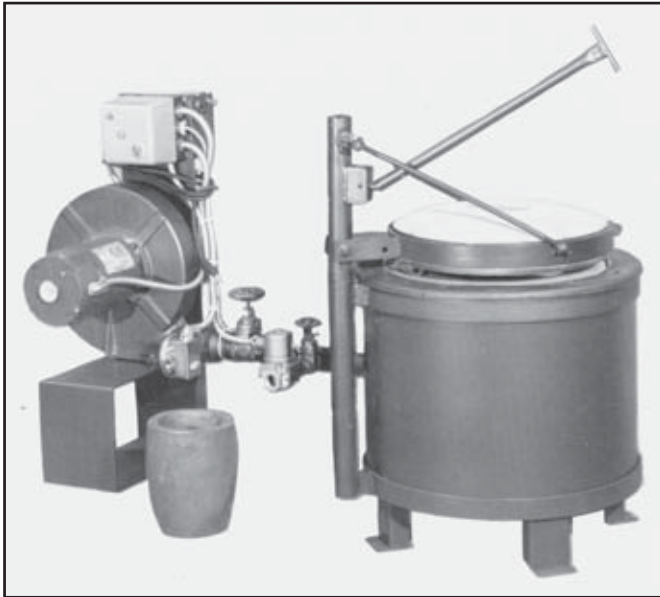
The use of glass bead machines to remove investment from castings has had excellent results.



## ELECTRIC DEWAXING OVEN

Interior Dimensions: 36" wide; 36" deep; 21 3/4" high 16 Gauge stainless steel. Oven on stand 63 1/4" height. Electrical requirement — 60 amp 220V, 3 phase current. Further details upon request.

# FURNACE, PYROMETER & ACCESSORIES



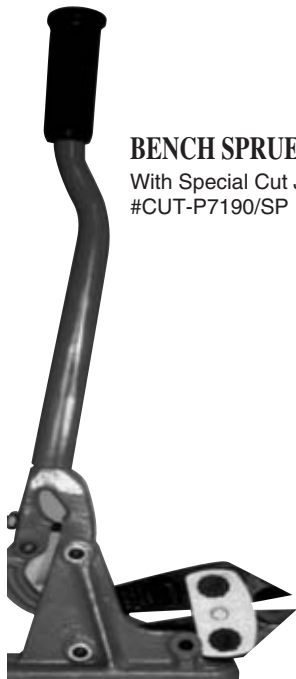
## MCENGLAVAN CRUCIBLE GAS FURNACES

Stationary Crucible Type High Speed Metal Melters  
 These rugged, highly efficient furnaces are designed for melting such metals as grey iron, brass or aluminum. Melting speeds from a cold start average 45 minutes for grey iron, 18 minutes for brass, and 12 minutes for aluminum. The combustion safeguard systems are industrial type ultra violet systems.



## MAUN CUTTER

These Maun Cutters have tough jaws and a return spring in the handle which enable them to cut most sprues easily. 5 1/2".  
 #CUT-MAUNFL  
 #CUT-MAUN  
 Flush Cut  
 Non Flush Cut



## BENCH SPRUE CUTTER

With Special Cut Jaws  
 #CUT-P7190/SP

## PORTER REPLACEMENT CUTTERHEADS

- #0 Cutterhead Special Cut No. CUT-P#0SP
- #0 Cutterhead No. CUT-P#0
- #1 Cutterhead Special Cut No. CUT-P#1SP
- #1 Cutterhead No. CUT-P#1
- #3 Cutterhead

## CONLEY ONE PORT CASTING TABLE

- Heavy Gauge 1/4" formed steel construction
- Casting platen 1/2" x 8" x 8" hot rolled steel
- 1 1/4" Piping to a 2" Trap
- Inlet filter contains a high capacity paper filter
- Also available in four ports



## CONLEY PYROMETER

This wall mounted digital temperature readout has a hand-held thermocouple and extension lead. 0-2500°F, accuracy ±.03% of span 115 Volt, .56 L.E.D. display.

### THERMOCOUPLE REPLACEMENT TIP 15"

Immersion type for pyrometer #THC-MM15-43

- #RB-PAD-SIL5 5" sq. x 1/8"
- #RB-PAD-SIL6 6" sq. x 1/8"
- #RB-PAD-SIL8 8" sq. x 1/8"
- #RB-SHEET-SIL 36" sq. x 1/8"

## SILICONE RUBBER SEAL

Replacement silicone rubber pads for casting tables and vacuum chambers.

- #325 3 1/2" Dia. Perforated Flask
- 4" Dia. Solid Flask
- #425 4" Dia. Perforated Flask
- 5" Dia. Solid Flask
- #525 5" Dia. Perforated Flask
- 6" Dia. Solid Flask
- #625 6" Dia. Perforated Flask



# CRUCIBLES



## GRAPHITE SPECIALTIES

Special shapes are used in casting shops for numerous purposes. Conley's special shapes can be supplied for almost any application requiring graphite, silicon carbide, aluminum oxide, or magnesia oxide.

- stirrer bars
- metal splitters
- handle crucibles
- funnels
- pouring troughs
- lead burning boxes
- bottom pour crucibles
- crucible covers
- skimmers
- dipping or sampling ladles
- teeming crucibles
- graining boxes
- safety cups
- brazing crucibles
- self skim crucibles

Crucibles and molds can be custom made to your specifications from your drawings.

## MACHINE GRAPHITE CRUCIBLES, SHELLS AND COVERS FOR HI FREQUENCY CASTING MACHINES

The crucibles, shells and covers listed below fit most models. Our machine graphite products have a reputation for quality and long life.

Item No.		Silver Cap	Brass Cap	Gold Cap
CR-HLMG1	G1 Plain Machine Graphite Crucible	20 oz.	17 oz.	25 oz.
CR-LLG1	G1 Longlife Machine graphite Crucible			
SHELL G1	G1 Ceramic Shell			
COVER G1	G1 Cover			
CR-HLMG2	G2 Plain Machine Crucible	35 oz.	30 oz.	42 oz.
CR-LLG2	G2 LL Machine Crucible			
CR-HLMG2S	G2 Plain Short Machine Crucible			
SHELL G2	G2 Ceramic Shell			
SHELL G2	G2 Special Ceramic Shell			
COVER G2	G2 Cover			
CR-HLMG3	G3 Plain Machine Crucible	13 oz.	11 oz.	16.5 oz.
CR-LL G3	G3 LL Machine Crucible			
SHELL G3	G3 Ceramic Shell			
COVER G3	G3 Cover			
CR-LL G7	G7 LL Machine Crucible	60 oz.	50 oz.	72 oz.
SHELL G7	G7 Shell			
COVER G7	G7 Cover			



Item No.	Height Out-side Inches	Diam. Top Out. Inches	Diam. Bilge Out. Inches	Diam. Bottom Out. Inches	Approx. Cap. Lbs. Water	Approx. Working Cap. in lbs. Red Brass	Approx. Level Full Cap. Lbs. Water	
CR-CG01	1	3 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	1/2	2.96	.4
CR-CG02	2	4 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	3 <sup>11</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>8</sub>	3/4	4.74	.6
CR-CG03	3	5 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>8</sub>	3	1	7.70	1.0
CR-CG04	4	5 <sup>3</sup> / <sub>4</sub>	4 <sup>5</sup> / <sub>8</sub>	4 <sup>9</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	10.07	1.3
CR-CG05	5	6 <sup>1</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	14.22	1.8
CR-CG06	6	6 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>4</sub>	15.41	2.0
CR-CG07	7	6 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>	4	2 <sup>1</sup> / <sub>2</sub>	21.33	2.7
CR-CG08	8	7 <sup>1</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	3	20.74	2.8
CR-CG09	9	7 <sup>5</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	26.08	3.3
CR-CG10	10	8 <sup>1</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	4 <sup>13</sup> / <sub>16</sub>	36.00	4.8
CR-CG12	12	8 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>16</sub>		42.00	5.6
CR-CG14	14	8 <sup>7</sup> / <sub>8</sub>	6 <sup>11</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>4</sub>		47.00	6.4
CR-CG16	16	9 <sup>1</sup> / <sub>4</sub>	6 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>		53.00	7.2
CR-CG18	18	9 <sup>13</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>16</sub>	7 <sup>15</sup> / <sub>16</sub>	5 <sup>13</sup> / <sub>16</sub>		64.00	8.6



- #BASEBLK4 Base Block 4"D x 2"H Flat Type
- #BASEBLK5 Base Block 5"D x 2"H Flat Type
- #BASEBLK6 Base Block 6"D x 2"H Flat Type

# BURNOUT OVEN & CONTROLS



## FUJI FURNACE CONTROL

Our digital controller is an economical upgrade for your lost wax burnout oven. Its features include straight forward on/off controlling, a programmable ramping rate in degrees per minute, and an autotune function. This control comes in a water tight enclosure.

## BURNOUT FURNACES

- Bench Models with Lever Operated Door
- Floor Models with Pulley Operated Door
- Doors Easily Opened
- Heavy Gauge Steel Construction
- Lined with Highest Quality Firebrick
- Ribbed Silicon Carbide Hearth Plate

## Floor Models

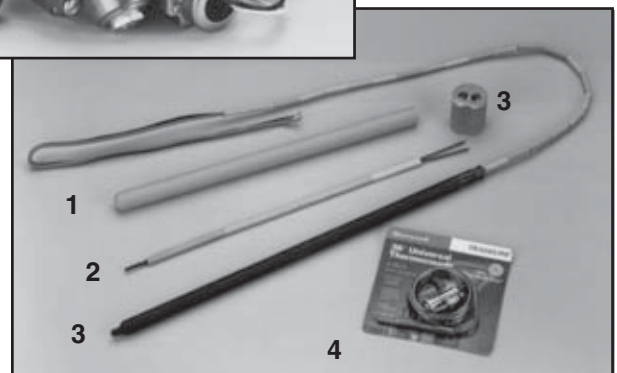
Model	Overall Dimensions			Inside Dimensions			Btu per hour	Net Weight	Shipping Weight
	Length	Width*	Height	Length	Width	Height			
#57-A	36 $\frac{1}{2}$ "	43 $\frac{1}{2}$ "	85"	20"	20"	14"	126,000	825	930
#57-C	36 $\frac{1}{2}$ "	43 $\frac{1}{2}$ "	85"	20"	20"	20"	126,000	875	980

Note: The overall height of the Floor Model furnaces includes approximately 20" for the pulley operated door. If a lever operated door is used, the overall height will be about 20" less.

\* Width of floor models includes 5" for pulley system; all models include 6" for valve assembly.

## THERMOCOUPLES AND ACCESSORIES

1. CERAMIC PROTECTION TUBE  
For protection of the oven thermocouple.  
#THC-P11-12
2. THERMOCOUPLE ELEMENT  
12" 14 gauge Type K element.  
#THC-14CA2-12
3. THERMOCOUPLE CONNECTOR  
Used to connect T/C to C/A wire.  
#THC-Connect
4. 36" THERMOCOUPLE Q340A 1090  
For use on gas safety solenoid valves.  
#2E525
5. STAINLESS STEEL PROTECTION TUBE  
Protection for oven thermocouples. (not shown)
6. GAS CONTROL VALVE  
Thermocouple safety solenoid type for burnout oven.  
#Z01135
7. OVEN TIMER 7 DAY SKIP-A-DAY (not shown)  
#201310





# PREMIUM INVESTMENT & PLASTERS



## MANUFACTURING PREMIUM INVESTMENTS & PLASTERS FOR THE PROFESSIONAL JEWELRY, DENTAL & INDUSTRIAL LOST WAX CASTING INDUSTRIES.

ICS Produces Three Gypsum Bonded Investments specifically for the Jewelry Industry

### ICS PREMIUM

**ICS-PREMIUM** is a superior investment formulated with high purity Cristobalite and Gypsum. Recommended for **GOLD** and other **NONFERROUS ALLOYS**.



■ **Quality & Consistency**

Every batch of ICS-PREMIUM is tested for chemical and physical properties to assure consistent quality.

■ **Easy Cleaning in Water Quench**

Premium contains a high concentration of high-purity cristobalite. This allows for easy removal when quenched in water and reduces cleaning time.

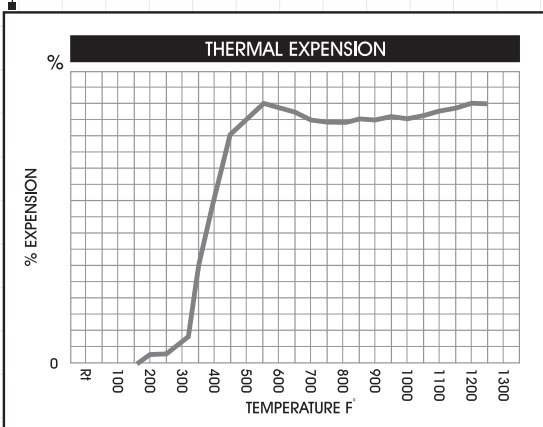
■ **Smooth Surface Finish**

Fine mesh size and surfactants allow the production of an excellent surface finish and fine details such as filigree.

■ **Low Rise Under Vacuum**

This investment has a low rise under vacuum.

- Following properties average @ date of mfg with W:P ratio 38:100 slurry temperature 73 F 22 C
- Dull time 9 minutes minimum
- Vicat set time 14 minutes
- Strength 400 Psi. within 2 hours
- Vacuum rise 3" @ 29.5" Hg
- Average particle size spec. 325 mesh
- Minimum wait time before de-wax 1 hour 30 minutes



### ICS-400

**ICS-400** is a high purity gypsum bonded investment containing non-mineralized cristobalite and special additives. This investment is recommended for jewelry castings in **GOLD, SILVER** and other **NONFERROUS ALLOYS**.

ICS-400 offers a superior combination of quality and value in an investment for professional casters.

■ **Quality & Consistency**

Every batch of ICS-400 is tested for physical and chemical properties before shipping. Only the highest purity raw materials are used to manufacture ICS-400.

■ **Smooth Surface Finish**

Due to the fine mesh of ICS-400 and through careful formulation the surface finish obtained with ICS-400 is superior and is suitable to fine detail required by jewelry manufacturers.

■ **Low Rise Under Vacuum**

ICS-400 contains the same additives used in ICS-PREMIUM to control the rise or boiling action of the investment when placed under vacuum.

These additives also improve the wetting of wax patterns and help to eliminate air bubbles.

### ICS JEWEL CAST

**ICS JEWEL CAST** is a new formula that ICS has developed for casting gemstones that have been pre set in the wax patterns.

ICS JEWEL CAST has proprietary additives that help to protect **DIAMONDS** and other suitable gemstones during the burnout and pouring phase of the casting process.

ICS JEWEL CAST is used for Gold and other nonferrous alloys.

Special care must be taken when casting with Diamonds, the molds should be allowed to cool to room temperature after casting and should not be quenched in water to avoid thermal shock to the preset gems.

■ **Quality & Consistency**

Every single batch of ICS JEWEL CAST is tested for chemical and physical properties to assure that the quality is consistent.

Special care must be taken when casting with diamonds preset in the wax.

ICS JEWEL CAST has the same low rise and smooth surface finish obtainable with the ICS-PREMIUM investment.

ICS does not accept any responsibility for lost or damaged stones.

**ICS JEWELRY INVESTMENTS DISTRIBUTED BY:  
CONLEY CASTING**

# Technology and quality second to none

## **Schultheiss. Expertise and experience in casting.**

Schultheiss stands for cutting-edge technology and outstanding quality. We develop and manufacture innovative melting and casting systems – from entry-level models to sophisticated high-tech units.

## **Vacuum and pressure casting units for gold and silver.**

Our portfolio ranges from the manually operated VC 35 vacuum casting unit, to products featuring automatic casting cycles, to the VPC 400 computer-controlled vacuum and pressure casting system. We make a total of 14 models, with crucible capacity from 0.5 kg to 6 kg 18 kt. Schultheiss systems

accommodate flasks between 75 mm (3") and 200 mm (8") in diameter, and up to 400mm (16") in height (depending on model).

## **Casting and melting units for platinum.**

Specialty casting units from Schultheiss can process between 0.1 and 0.6 kg of platinum per cast. Our vacuum platinum melting units can process up to 10kg.

## **Rotary burn-out furnaces**

We offer a choice of six high-performance models with capacity for up to 72 flasks.

State-of-the-art technology and second-to-none quality for melting, casting and burnout – contact us today for more information.



# Melting and casting: Precision at the touch of a button.



VPC 66



VPC 203



VPC 400



PM 2000



PPC 2000



RF 603

Schultheiss GmbH, Pforzheimer Strasse 82  
71292 Frörlzheim, Germany  
Phone: +49 (0) 70 44 94 54-0  
Fax: +49 (0) 7044 94 54-40  
E-mail: [info@schultheiss-gmbh.de](mailto:info@schultheiss-gmbh.de)  
[www.schultheiss-gmbh.de](http://www.schultheiss-gmbh.de)

**Conley Casting Supply**  
Authorized Sales and Service.

## CONLEY'S INVESTMENT REMOVAL SYSTEM

# Conley Casting's INVESTMENT REMOVAL SYSTEMS

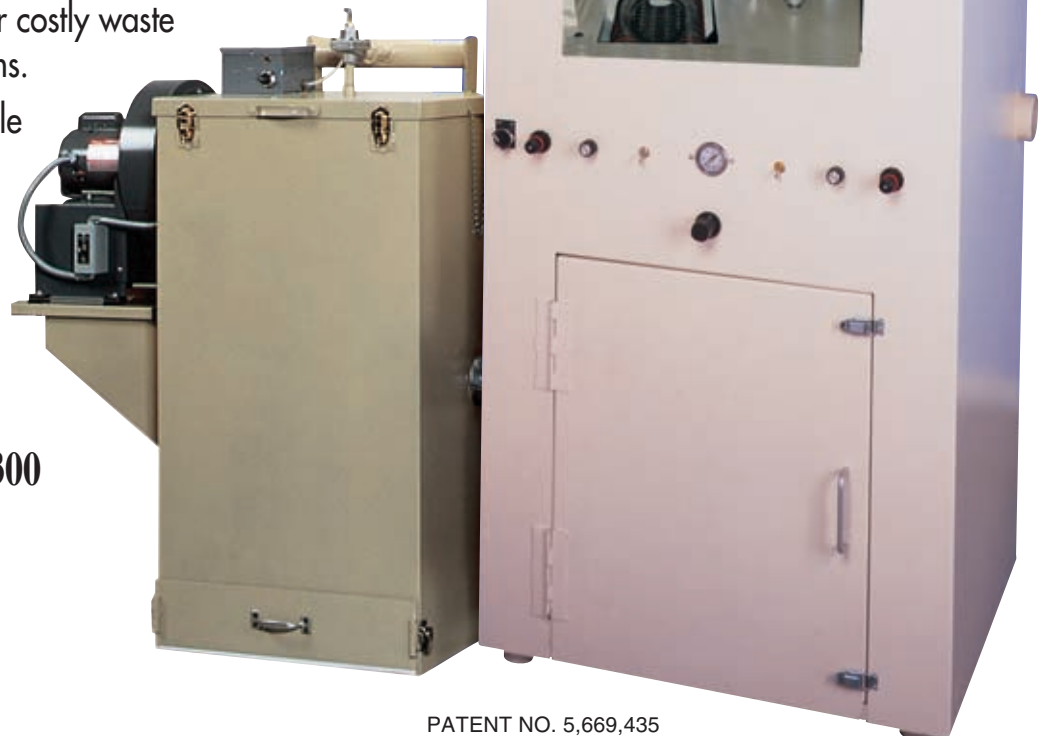
**Introducing a major new invention  
developed for the lost wax casting industry.**

Our patented Investment Removal System 250 is designed to remove investment from gold, silver, and brass tree castings. It works quickly and efficiently without messy high temperature quenching and high pressure water washing.

### IRS 250

#### FEATURES:

- Castings and flask free of investment in less than 1 minute without high pressure washing!!
- Cuts investment removal labor costs by 300%.
- Safe, clean and easy to operate (no special training required).
- Fast operation—investment cleaned without water in less than 1 minute.
- Eliminates the need for costly waste water treatment systems.
- Auto-Clean fine particle dust control system.
- Environment and workplace friendly.



DC 300

PATENT NO. 5,669,435

## INVESTMENT REMOVAL SYSTEM 250

Conley Casting Supply Corp. is pleased to announce the successful development of our patented Investment Removal System 250. This equipment has been designed to efficiently and quickly remove the investment from Gold, Silver and Brass treed castings without resorting to the messy high temperature quenching and high pressure water washing techniques that the industry normally employs.

### The procedure for investment removal is two step:

1. The cast flask is placed on parallel rollers at the left station of the IRS-250. The operator activates a switch which lowers the dual hammer system to contact the flask. A push button is then depressed which causes the flask to rotate and also applies energy to the high frequency hammer system. This operation fractures the investment freeing the investment laden "tree" from the flask.

*Elapsed time step 1 = 20 seconds.*

2. The tree still laden with investment is removed from the flask and moved to the second station to the right side of the IRS-250. The "tree" is placed on the spring loaded reaction anvil "Button up" and the right hand hammer system lowered to contact the "Bottom" thus holding the "tree". A second button is depressed which applies energy to the hammer system. This hammer system vibrates the "tree" at high frequency which causes the remaining investment to disintegrate and fall from the "tree".

*Elapsed time step 2 - 30 seconds.*

*Total time step 1 and 2 less than 1 minute.*

### Important Features

1. Operator can control energy going to hammer system so that thin sprues will not break from trees.
2. Operator has access to machine at all times with the unique pass-thru curtain. This allows operator to straighten tree, sweep investment into chute, or to remove empty flask while the machine is removing tree from flask or investment from the tree.
3. The unit is compact and can be easily moved to a location best suited for your operation.
4. The DC-300 Dust Collector is a valuable optional piece of equipment designed to prevent investment particles from entering the work environment. The DC-300 is an auto-clean cartridge type system with easy to remove dust collection tray. 300 CFM capacity.

### SPECIFICATIONS

#### IRS-250 Investment Removal System

**Dimensions:** 24"W x 30"D x 60"H

**Electrical Requirements:** 110V - 2 AMP, 50/60 Cycle

**Compressed Air:** 6 CFM @ 90 psi (Intermittent)

**Flask Size:** 3 1/2" Dia. Min to 6" Dia. Max x 5"-9" High Solid or Perforated  
Optional additional sizes available.

**Acoustical:** Insulated to reduce sound.

**Controls:** Power Switch, Pneumatic switches & Flow Control Valves

#### DC-300 Dust Collector

**Dimensions:** 41"W x 24"D x 54"H

**Electrical Requirements:** 1 HP, 115V, 50/60 Cycle  
1PH, 15A Service

**Compressed Air:** 2 CFM @ 100 psi (Intermittent)

**Filter Size:** 10" Dia. x 23"L Cartridge

**Controls:** Power Switch Manual/Auto Clean  
Adjustable Timer

# FOREDOM POWER TOOLS

## 1/10 HORSEPOWER SERIES CC

**Freedom Series CC Power Tool** has 1/10 hp universal motor for general use and is available in 110-130 Volt and 220-240 Volt versions. Motor drives a 39" long, .150" diameter flexible shaft with steel liner/silencer spring in the protective sheath. It can be used with any of the motor speed controls shown below. Maximum no load speed is 15,000 RPM. See next page for handpiece selection.



**CC Hang-Up Model** comes with a motor hanger attached to the motor and with a utility hook for wall mounting. Also available, at additional cost, are MH motor hangers which bolt or clamp to the work bench (see page 17). Motors should be suspended approximately 3' above the work surface. Shipping weight 9 lbs.



**DD Bench Model** has the same motor as hang-up Model CC. Motor is mounted on cast iron base and swivel yoke and can be used with any of the controls shown below. Bench style units are ideal for work areas where suspending motor is difficult. Shipping weight 13 lbs.



**MM Bench Model** has the CC Motor mounted on cast iron yoke and swivel base. Electronic manually operated speed control is mounted in base so that no separate control is required. Shipping weight 13 lbs.

*ALWAYS WEAR PROPER EYE PROTECTION WHILE USING POWER TOOLS*



**#2230  
Jewelers Kit**  
CC Motor  
#30 Handpiece  
FCT Footpedal  
#10 Accessory Kit  
Shaft Lube, Bur Tray



**#2272  
General Applications Kit**  
Series S Motor  
#30 Handpiece  
FCT Control  
Includes S-FCT-30  
No. 20 Accessory Kit  
Grease

**You may choose any of these Controls for the machines above.**



**CFL-15**  
Foot Control


















**FCT**  
Electronic Foot Control, Heavy Duty Plastic Housing



**SCT**  
Electronic Foot Control, Metal Housing

# FOREDOM POWER TOOLS

## HANDPIECES

- 7A** 
- 7AD** 
- 8A** 
- 8AD** 
- 10** 
- 10D** 
- 15** 
- 15D** 
- 17** 
- 17D** 
- 25** 
- 25C** 
- 30** 
- 35** 
- 44T** 



### BL-1 POLISHING LATHE

A powerful variable speed bench lathe in a compact size, suitable for use at the work bench. Comes complete with a TM-3 and a TM-4 tapered spindle and a WM-4 (right hand) wheel mandrel.

### DRILL PRESS



For use with No. 30, 30H, 44A, 44B and 44H handpieces and any Foredom flexible shaft machine. DP-30

### MOTOR HANGERS

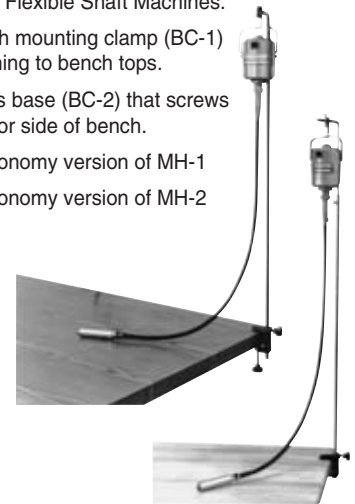
Motor Hanger for all hang-up style Foredom Flexible Shaft Machines.

MH-1 with mounting clamp (BC-1) for attaching to bench tops.

MH-2 has base (BC-2) that screws onto top or side of bench.

MH-5 Economy version of MH-1

MH-6 Economy version of MH-2



### MAINTENANCE SUPPLIES

- MK-1 Maintenance Kit (for Series R, RB, RM, CC, DD and MM Sleeve Bearing)
- MK-2 Maintenance Kit (for Series MMG, GG and EE Sleeve Bearing)
- MK-3 Maintenance Kit (for Series F and other 1/15 HP motors)
- MK-6 Maintenance Kit (for Series S and R Ball Bearing Motors)
- MK-7 Maintenance Kit (for Series EE Ball Bearing Motors)
- 10005 Foredom Motor & Handpiece Oil in Hypodermic Dispenser
- 10010 Foredom Motor & Handpiece Oil (2 oz. container)
- 10006 Foredom Flexible Shaft Grease (1 oz. container)
- Motor Brushes (see Foredom Catalog 243 for part numbers). Per Pair
- Shafts (see Foredom Catalog 243 for part numbers)
- Sheaths (see Foredom Catalog 243 for part numbers)
- Neoprene Sheath (see Foredom Catalog 243 for part numbers)

### Handpiece Grip, Tray, Chuck Key Handle

#### G-30 or G-44 Handpiece Grips



#### AT-1 Handpiece/Accessory Tray

Holds handpiece, mounted points, chuck key and other easy to misplace items.

#### Chuck Key Handle CKH-1

for Nos. 30, 25C, 30H handpiece users. Comes with #0 chuck key in handle.



### Model 350 Air Turbine

#### 350,000 RPM Ultra High Speed Grinder



Ultra high speed air operated grinder for extremely rapid and precise material removal.

# DUST COLLECTORS

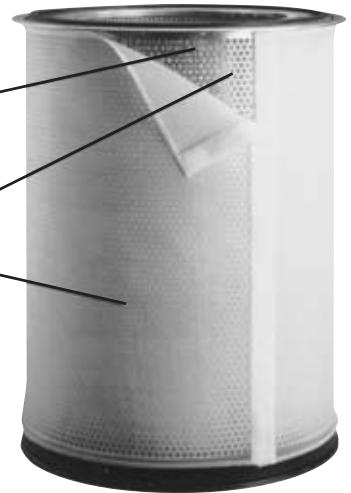
## THE TORIT VIBRA SHAKE CARTRIDGE COLLECTOR.



Pleatloc™ rows on the inner layer of media assure uniform pleat spacing for better cleaning and longer filter life.

Galvanized outer liner protects filter media.

Filter screen captures coarse and fibrous particulate.



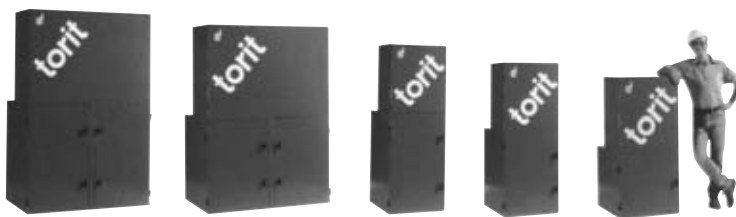
### OPERATIONAL EXPLANATION

#### NORMAL OPERATION

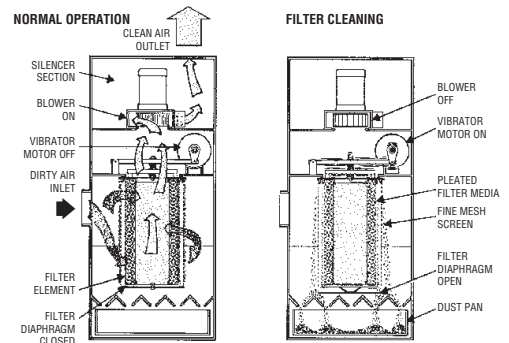
Dust enters through the inlet and first passes through a tight mesh screen on the outside of the filter. The screen catches fibrous dust while fine particles pass through the screen and collect on the outside surfaces of the pleated filter cartridge. Clean air flows up through the center of the filter cartridge into the blower, through the silencer section of the cabinet, and exits through the top clean air outlet.

#### FILTER CLEANING

VS collectors are intermittent duty-cleaning is done only after the fan is shut off. Filter cartridge cleaning is accomplished by high frequency vibration.



VS3000 VS2400 VS1500 VS1200 VS550



	VS3000	VS2400	VS1500	VS1200	VS550
Volumetric Air Flow (C.F.M.) <sup>1</sup>	1800-3300	1553-2483	1000-1525	700-1243	400-550
Velocity (F.P.M.)	3300-6051	2847-4552	3741-5705	3564-6327	4581-6300
External Static Pressure (W.G.)	8.20-4.40	6.75-2.45	5.95-3.00	7.50-4.80	4.70-4.25
Standard Inlet Dia.	10"	10"	7"	6"	4"
Blower Motor	7.5 h.p.	5 h.p.	5 h.p.	3 h.p.	1 h.p.
Filter Media Area (sq.ft.)	354	270	177	135	65
Dust Drawer Storage (cu.ft.)	3.6	3.6	1.8	1.8	1.8
Dimensions					
H	75 <sup>3/16</sup>	69 <sup>3/16</sup>	68 <sup>3/16</sup>	62 <sup>3/16</sup>	52 <sup>3/16</sup>
D	33"	33"	30 <sup>3/4</sup>	30 <sup>3/4</sup>	30 <sup>3/4</sup>
W	51 <sup>5/16</sup>	51 <sup>5/16</sup>	24 <sup>11/16</sup>	24 <sup>11/16</sup>	24 <sup>11/16</sup>
Approx. Shipping Wt.	776 lbs.	685 lbs.	385 lbs.	370 lbs.	350 lbs.

### OPTIONS AND ACCESSORIES

- HEPA Filter Package
- Inlet collar kits-3" to 10" diameter
- Casters for portable dust drawer models
- Hoppers for high-volume High-load applications  
55 gallon drum pack  
5 gallon pail pack
- 50 cycle version for models 550 to 1500
- Pre-wired starter control for models 550-1500
- Pressure switch for cleaning based on pressure drop





# LOST WAX RING MOLD CASTING MACHINE

## ***THE CONLEY RING-MOLD™ ADVANTAGE***

**Spin Casting Wax Patterns  
has never been faster or more  
economical! — Conley's  
PATENTED SYSTEM  
is revolutionizing production.**



**Patent No. 5,135,041**

- Spin Cast — Rings, Charms, Pendants, Earrings
- Casts 1, 2, or 3 molds at the same time
- Mix and match different items in the same mold
- Cast up to 10,000 waxes per day
- Cast your own standardized molds (size must be uniform)

*Conley Casting Supply's Ring-Mold™ Casting System embodies many significant technological improvements that promise to change the rubber mold casting industry forever.*

*The innovations provided by Conley's new system can triple a machine's output while at the same time improving yield.*

*Improved casting quality makes more efficient use of time and labor.*

### **The Productivity Advantage:**

- The Conley Ring-Mold™ System spincasts three molds in the same time it takes a conventional machine to cast one. (Even higher rates are possible)
- The operator need only place three Ring-Molds™ in the machine, close the cover and pour once. One or two Ring-Molds™ per spin add to it's versatility.
- No shims, speed adjustments, or pressure changes are necessary (in most instances).
- Ring-Mold™ flexibility enhances cast part removal, saving time.
- Uniform gate size offers ease of inspection.
- The closer tolerance of Conley's Ring-Mold™ rubber ensures faster, more consistent moldmaking.
- In most instances a wide variety of parts, both in terms of size and shape, can be cast simultaneously. Long and short runs can be mixed together at the same machine easing production control and scheduling problems.
- Special Ring-Mold™ vulcanizing frames and precut Ring-Mold™ rubber are available in many sizes and grades enable you to select just the right mold size and material for the job.

### **The Quality Advantage:**

- Greatly reduced clamping pressure means less part distortion, less shifting, and better mold filling. (Near 100%)
- Reduced RPM (Spin Speed) and uniform rubber thickness virtually eliminates flash. No shims.
- Integral dross control system produces cleaner castings and a better finish.

**ONE OF THE LARGEST SUPPLIERS OF CASTING SUPPLIES**

Conley Casting Supply Corp. is one of the largest distributors of casting equipment and supplies to the jewelry industry. We manufacture custom blends of rubber and wax to meet the individual needs of both large and small manufacturers.