

ROCKETS

VACUUM FORMING

TOOL BOX KITS AND PARTS

63

INJECTION MOLDING

PEWTER CASTING

CO<sub>2</sub> CARS

**IASCO<sup>®</sup>**

**INDUSTRIAL ARTS SUPPLY CO.**

5724 WEST 36TH STREET, MINNEAPOLIS, MINNESOTA 55416-2494

PHONE 952-920-7393 FAX 952-920-2947 1-888-919-0899

E-mail address: SALES@IASCO-TESCO.COM or visit our website: IASCO-TESCO.COM

Price:  
\$1.00  
Printed in  
U.S.A.

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*Dear Friends,*

Thank you for your continued support of IASCO and our products.

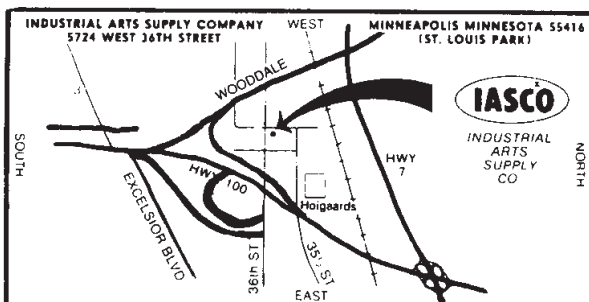
Please check out our new web site at [IASCO-TESCO.COM](http://IASCO-TESCO.COM).

We look forward to helping you with your instructional needs and look forward to engaging in the personal attention and service we may both enjoy.

Sincerely,

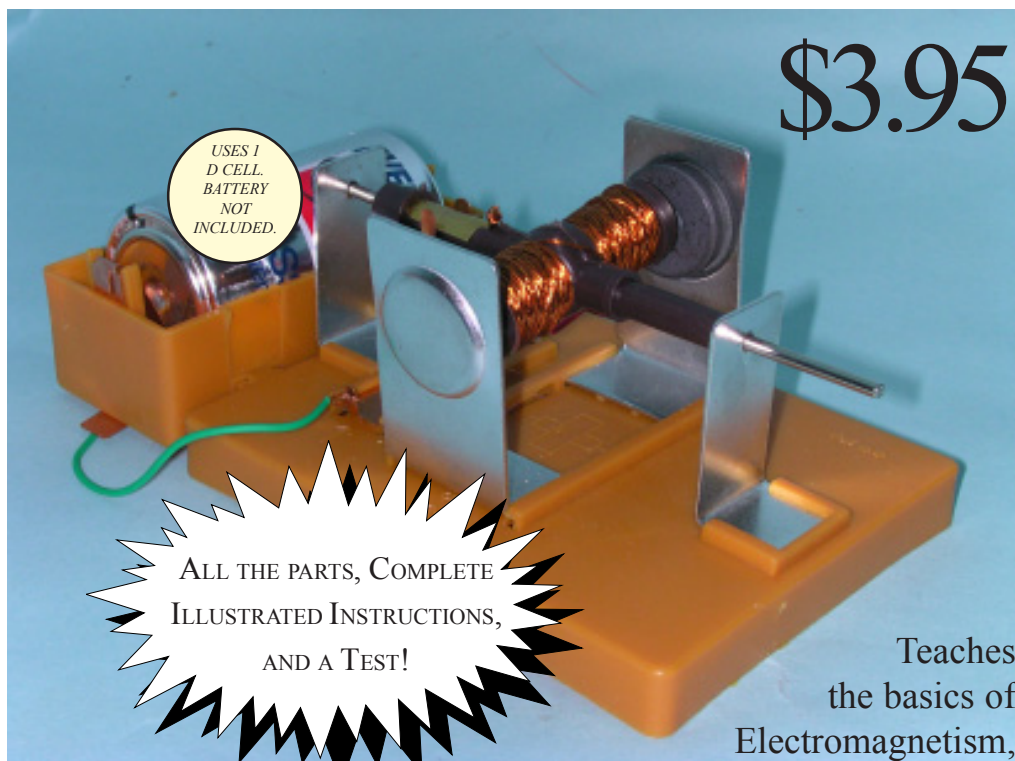
*Mike*

Michael Raymond, President



# IASCO #202

## 2-POLE DC MOTOR KIT



\$3.95

USES 1  
D CELL.  
BATTERY  
NOT  
INCLUDED.

ALL THE PARTS, COMPLETE  
ILLUSTRATED INSTRUCTIONS,  
AND A TEST!

Teaches  
the basics of  
Electromagnetism,  
Armature Winding, Wiring,  
Commutator and Brush Assembly

## Basic electricity was never more fun than this!

### *Personal Testimony*

When it comes to electric motors, and they are not the kind of thing you can avoid, a little bit of understanding about their design and operation can become helpful in life. [Almost] Everything I know about electric motors, I learned from a 2-pole IASCO motor kit. This is not to say that there was no further instruction on the subject, but additional information became reinforcement of the facts, building on the basic concepts learned clearly from an IASCO Motor kit. What exactly did that first encounter teach me about electric motors? Well, I'll tell you, and then my guess is you'll want to share this kit with every student you can reach. This stuff is that good!

Start at the beginning. **Simple circuits**. Rule #1: remove insulation from the ends of the wire. The why and where of insulation on wire is at the heart of basic electricity. Fail to grasp this concept and what happens? Experience is the best teacher. **Electromagnetism**. How simple is this? One wire, 2 connections, with the result of a demonstrable force phenomena that borders on magic. So cool, yet... There are only so many paper clips you can pick up before the magic begins to fade. Time to build a machine! Take the **basic wiring**, and the magnetic forces, and give them names as part of a greater design. Armature, Commutator, Brushes, and Poles, all combine to create a machine based on these elemental principals, assembled and adjusted by you, defacto master of the cosmic forces.

As the project comes together and small deviations from the basic rules of electricity are corrected and checked, the moment of truth approaches. Up till now, it's all been theory and conjecture. The power is applied, perhaps a gentle coaxing prod to the armature, and the creation springs to life. It's impossible to take your eyes off it's hypnotic allure, and best of all is the triumphant shout that rips unstoppable from the throats of student and teacher alike - **"IT WORKS!"**

# 99M BLOWTRON

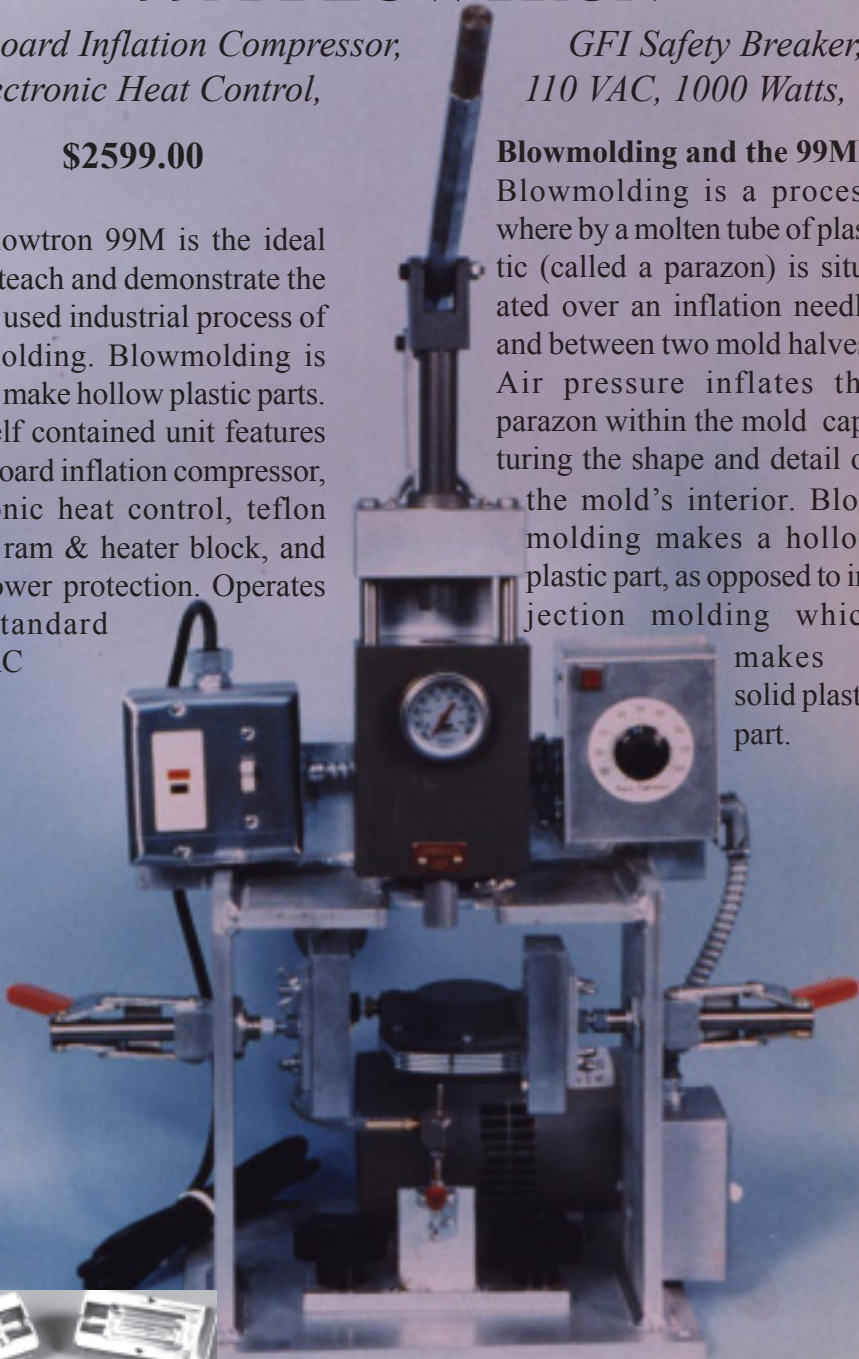
*Onboard Inflation Compressor,  
Electronic Heat Control,*

*GFI Safety Breaker,  
110 VAC, 1000 Watts,*

**\$2599.00**

The Blowtron 99M is the ideal tool to teach and demonstrate the widely used industrial process of blowmolding. Blowmolding is used to make hollow plastic parts. This self contained unit features an on board inflation compressor, electronic heat control, teflon coated ram & heater block, and GFI power protection. Operates on standard 110VAC

**Blowmolding and the 99M**  
Blowmolding is a process where by a molten tube of plastic (called a parazon) is situated over an inflation needle and between two mold halves. Air pressure inflates the parazon within the mold capturing the shape and detail of the mold's interior. Blow molding makes a hollow plastic part, as opposed to injection molding which makes a solid plastic part.



*Teflon Coated Ram & Block*



## **Bottle & Cap Set #BM-2C \$189.00**

BM-2C Combines Blow and Injection Molding. Blow a hollow plastic bottle with threaded neck and Inject a threaded screw cap. Use LDPE only. Requires both injection & blow machines.

Molds for  
Blowtron 99M  
\$139.00 Ea.



**Jump Rope Handle #BMA-25**  
**Floating Key Tag #BMA-26**  
**Ball #BMA-27**  
**Rocket Nosecone #BMA-29**



# PLASTIC FOR MOLDING MACHINES

**Injection molding** requires pellets that roll into the machine.

**Polystyrene** pellets yield a rigid project.

**Polyethylene** is a translucent self lubricating plastic.

**Low density Polyethylene** is pliable and is used for projects that require some flexibility.

**High Density Polyethylene** is used for rigid projects that do not require flexibility.

**Polypropylene** has similar properties to polyethylene but is stronger.

## INJECTION MOLDING PELLETS

\$18.99      \$169.00

Injection Molding Pellets	5# Part#	50# Part#
High Density Polyethylene	HDP5	HDP9
Low Density Polyethylene	LDP5	LDP9
Polystyrene Natural	PST5	PST9
Polypropylene	PRO5	PRO9

## Rotational Molding Powder

Polyethylene Powder	5# Part#	50# Part#
	\$24.95	\$220.00
Low Density	PPL5	PPL9



*USE ONLY THIS PLASTIC FOR BLOWMOLDING*

**BLOW MOLDING PELLETS - LDPE MELT INDEX 2-7**

5 lbs. \$19.99 Part #K3-5

50# \$179.00 Part # K3-50

IASCO powder pigments may be used with high or low density Polyethylene, Polypropylene, Polystyrene, Polyvinyl Chloride and White Styrene beads.

These extra fine ground pigments give rich deep color. 8 oz of pigment will color 50 lbs.

## Opaque Powder Pigments

### GREEN

2 1/2 oz....#GR-002...\$5.99

8oz....#GR-003.....\$15.99

### BLACK

2 1/2 oz....#BK-002...\$2.99

8 oz....#BK-003.....\$7.99

### DAYGLOW

### FLUORESCENT

2 1/2 oz....\$8.99

8 oz....\$22.99

### YELLOW

2 1/2 oz....#YL-002...\$5.99

8 oz....#YL-003.....\$15.99

### BROWN

2 1/2 oz....#BR-002....\$2.99

8 oz....#BR-003.....\$7.99

### RED

2 1/2 oz....#FLR-002

8 oz.....#FLR-003

### BLUE

2 1/2 oz....#BL-002....\$5.99

8 oz....#BL-003.....\$15.99

### WHITE

2 1/2 oz....#WH-002...\$2.99

8 oz....#WH-003.....\$7.99

### ORANGE

2 1/2 oz....#FLO-002

8 oz.....#FLO-003

### RED

2 1/2 oz....#RD-002...\$5.99

8oz....#RD-003.....\$15.99

### ORANGE

2 1/2 oz....#OR-002....\$6.99

8 oz....#OR-003.....\$17.99

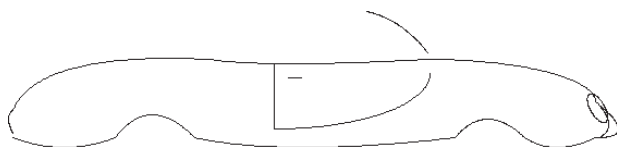
### YELLOW

2 1/2 oz....#FLY-002

8 oz.....#FLY-003

**High quality virgin  
High Impact Polystyrene Sheets  
for vacuum forming  
POLYSTYRENE SHEETS**

Dimension	Price	Red	Blue	Green	Yellow	Black	White
14 x 20 x .020	\$0.99	21A	22A	23A	24A	25A	26A
14 x 20 x .040	\$1.79					25B	26B
14 x 20 x .060	\$2.54						26C
7 x 10 x .020	\$0.45	21D	22D	23D	24D	25D	26D
7 x 10 x .040	\$0.79					25E	26E
10 x 14 x .020	\$0.75	21F	22F	23F	24F	25F	26F
10 x 14 x .040	\$1.25					25G	26G
10 x 12 x .020	\$0.75	21H	22H	23H	24H	25H	26H
10 x 12 x .040	\$1.25					25J	26J
7 x 7 x .020	\$0.55	21K	22K	23K	24K	25K	26K
7 x 7 x .040	\$0.69					25L	26L



## PETG - VISIFORM

### *CLEAR VACUUM FORMING*

Strong and flexible, PETG transparent plastic sheet is water clear, solvent cementing and vacuum formable to .060 thickness. Ideal for Terrarium domes, model car bodies, masks, displays, picture frames, and doll heads. 14 x 20 masked sheets - clear only.

.020 PETG sheet \$1.99

.040 PETG sheet \$2.79

.030 PETG sheet \$2.25

.060 PETG sheet \$3.50

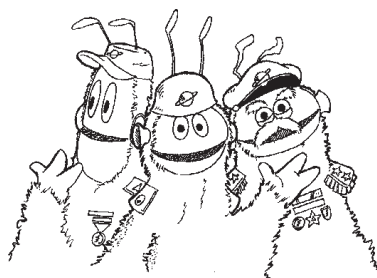
### **Vacuum Forming Grade Low Density Polyethylene (LDPE) .060 Thickness**

Make your own custom poly molds for use with EZ Cast, Eurocast, Plaster, or Foam. The non-stick properties of polyethylene make an ideal molding surface that is vacuum formable.  
**LDPS-7007...7X7.....\$1.99   LDPS-1014...10X14...\$4.50   LDPS-1220...14X20...\$7.99**

### **DVD-SIMPLY PUT: VACUUM FORMING**

**#SP-701 \$39.95**

Introduction to materials and terminology surrounding the vacuum forming process.



# Nichols Model 10-B Therm-O-Vac \$1399.00

## Self Contained Unit

The Nichols Model 10-B Therm-O-Vac is a free standing portable vacuum former that compacts to the size of a suitcase for storage and weighs 50 pounds. Set up time for the machine is less than 90 seconds and needs only to be connected to an available 110VAC standard outlet. A single 3-way switch operates both the plastic heating side and the vacuum forming side of the unit.



## Easy to Use

The versatile Nichols Model 10-B Therm-O-Vac is a snap to operate. Mount a sheet of high impact polystyrene plastic in the pivoting latch-lock frame, lay out your pattern on the vacuum platen, and cycle the machine to complete your project. The vacuum surface, unobstructed by the usual heating hood, allows you to rearrange or straighten your layout up to the final seconds before forming.

## Even-Heat Circulator

The Nichols Model 10-B Therm-O-Vac comes factory equipped with the Even-Heat option in place. The Even-Heat Circulator transforms the radiant heat of the element into a gentle zone of uniform temperature capable of processing unusually thin or reprocessed material.

## Favorite of Professionals

Everyone loves a star, and the Nichols Model 10-B Therm-O-Vac has earned its place in the prop shops and FX studios of several Hollywood Feature Films and TV shows. Rumored to be at the movie set of more than one Sci-Fi blockbuster for on the spot costume repairs and prop replacement the Nichols Model 10-B Therm-O-Vac is truly a professional instrument.

## Built to Last

Sturdy construction, baked finish, industrial quality parts, and a superior design combine to create a hardy workhorse for years of trouble-free operation.

## Large Size

The Nichols Model 10-B Therm-O-Vac uses styrene plastic sheets that measure 14 x 20 (280 sq. in.) x .020 to .060 thick. This is an extremely large capacity for such a modestly priced and compact unit. Adaptor unit is available to accommodate ¼ sheet (10 x 7 #WZ-3) size to economize on material costs and enhance performance.

The Nichols Model 10-B Therm-O-Vac has proven indispensable as a tool for fast, efficient 3D modeling, prototyping, packaging, fabricating, and mold making. The Nichols Model 10-B Therm-O-Vac has a proven track record in the Tech-Ed Lab as safe and fascinating hands on machine for forming styrene plastic sheets over a variety of available vacuum forming molds. Due to the friendly, open design of the Nichols Model 10-B Therm-O-Vac, custom molds are exposed to reduced temperatures, greatly expanding the materials that may be used as molds or forms.

# VACUUM FORMING MOLDS

**#FM1 \$15.50**  
BUFFALO  
5-3/4"x6"



**#FM11 \$26.00**  
HORSE HEAD  
7-1/4"x7-1/4"



**#FM2 \$20.00**  
BEAR 5-3/4 x 6



**#FM12 \$26.00**  
MASK  
7-1/2"x12"

**#FM3 \$18.00**  
LION 5-3/4"x6"



**#FM13 \$41.00**  
SERIES OF SHIPS (3)



**#FM5 \$16.00**  
FISH 5-3/4"x6"



**#FM6 \$17.50**  
HORSE HEAD  
5-3/4" x6"



**#FM13C \$18.00**  
LARGE SHIP  
7"x9-1/2"

**#FM13B \$16.00**  
MEDIUM SHIP  
6"x7-1/2"

**#FM13A \$11.00**  
SMALL SHIP  
5"x6"



**#FM7 \$17.00**  
BOXER 5"x5-1/2"

**#FM16 HORSESHOE \$18.50**  
5-1/2" x 4-1/2"



**#FM8 \$17.00**  
BEAGLE  
5"x5-1/2"



**#FM15 \$15.00**  
LINCOLN  
HEAD  
4"x6"



**#FM9 \$17.00**  
SCOTTIE DOG  
5"x5-1/2"

**ALIEN HEAD #FM108**  
6 x 9 \$29.95



**LARGE SERIES OF DUCKS**  
#FM14 \$37.00  
SET OF THREE



**FM14C \$17.00**  
LARGE DUCK  
8"x9"

**#FM14B \$12.00**  
MEDIUM DUCK  
6"x7"

**#FM14A \$10.00**  
SMALL DUCK  
6"x6-1/2"



# VACUUM FORMING MOLDS



#FM18 \$12.50  
SWAN 6"DIA.

#FM19 \$20.00  
BUFFALO 7"x7-1/2"



#FM20 \$17.00  
INDIAN HEAD  
6-1/2"x6-1/2"

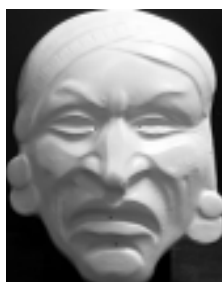


#FM22 \$20.00 LAST SUPPER 4"x11"



#FM23 \$22.00  
SAILING SHIP  
7-1/2"x9-1/2"

#FMA \$27.00  
PIRATE SMILING  
6"x7-1/2"



#FM24B \$27.00  
PIRATE FROWNING  
6"x7-1/2"



#FM26A \$26.00  
SIAM PRINCE  
8"x11"  
#FM26B \$26.00



SIAM PRINCESS 8"x11"



#FM10C \$14.00  
LARGE DUCK  
6"x6-1/2"



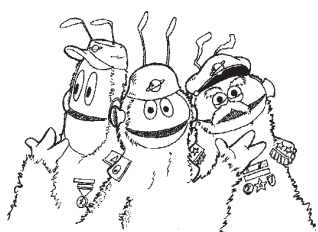
#FM10B \$11.00  
MEDIUM DUCK  
5"x5-1/2"



#FM10A \$ 8.00  
SMALL DUCK  
4-1/2"x4"



FM156 \$15.75  
DOG AND FENCE  
6 x 5



DVD-SIMPLY PUT:  
VACUUM FORMING  
#SP-701 \$39.95

Introduction to materials and terminology surrounding the vacuum forming process.

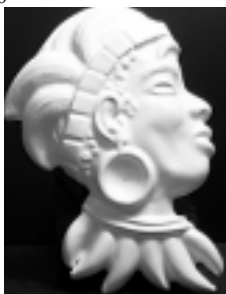


SCARAB  
#FM-100  
\$19.99

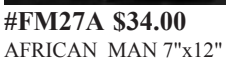
CARTOUCHE  
#FM-101 \$19.95



#FM10 \$29.00  
SMALL SERIES OF DUCKS SET OF THREE



**#FM27 \$66.00**  
AFRICAN SERIES  
SET OF TWO



**#FM27A \$34.00**  
AFRICAN MAN 7"x12"  
**#FM27B \$34.00**  
AFRICAN WOMAN  
7"x12"



**#FM42 \$20.00**  
CHINESE WOODCUTTER  
5"x14"



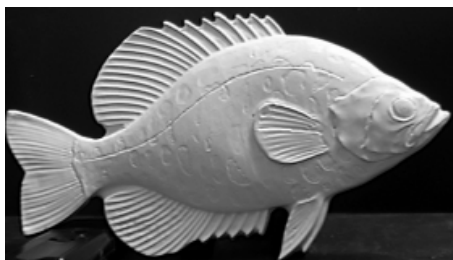
**#FM53 \$15.50**  
POINTER 6"x10-1/2"



**#FM54 \$24.00**  
HORSE HEAD  
7"x10-3/4"



**#FM62 \$14.00** OAKLAND 1909 4-1/4"x8-3/4"



**#FM47 \$34.00** BASS 5"x15"



**#FM37 \$54.00**  
MINUTE MEN  
SET OF TWO  
**#FM37A \$28.00**  
MINUTE MAN  
5"x13"  
**#FM37B \$28.00**  
MINUTE MAN  
5"x13"



**#FM48 \$28.00**  
DOG DISH  
2"x7"x9-1/2"



**#AA-32 \$34.00** ICE TRAY



**#FM40 \$34.00**  
CLOWN HEADS  
SET OF TWO  
4"x6" & 6"x8"

**#FM41 \$24.00**  
BUDDHA 6"x14"



**#FM51 \$18.00**  
LEFT  
DUCK  
4-1/2"x  
9-1/2"



**#FM50 \$18.00**  
RIGHT  
DUCK  
4-1/2"x  
9-1/2"



**#FM39 \$20.00**  
MOOSE HEAD  
7"x8"



**#FM52 \$15.00**  
GERMAN SHEPHERD  
4-1/2"x8-1/2"



#FM43 \$22.00 CONQUISTADOR 7" x 9"



#FM71 OWL  
\$18.00  
4" x 6-3/4"

FM75  
HUMMING-  
BIRD  
\$22.00  
7" DIA.



FM44 COAT  
OF ARMS  
\$20.00  
5" x 8"



#FM35 \$42.00  
RUNNING HORSES 7"x12"



FM5 FISH  
\$16.00  
5-3/4" x 6"



#FM38 \$28.00 CHARGING BULL



HUMAN SKULL  
5" X 8"  
#FM-107 \$29.95



ALIEN HEAD  
6" X 9"  
#FM-108 \$29.95



#FM34  
\$20.00  
PRAYING  
HANDS  
6-3/4"x3-1/2"



10 "  
JACK-O-LANTERN  
#FM-102 \$29.95

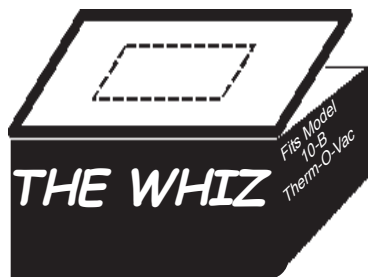


OWL MASK  
#FM-103 \$19.95



#FM66 \$38.00 HELMET 7-1/2"x10-3/4"

# VACUUM FORMING



#WHZ-3

## Sheet Size Adaptor for the 10-B Therm-o-Vac Vacuum Forming Machine.

Whiz 3 adapts your 10-B machine to use 1/4 size sheet of styrene (7" x 10") plastic. Ideal for smaller projects the Whiz 3 saves you money and enhances the vacuum draw of your unit. Installs in seconds. 199.99



### Heavy Duty Paper Trimmers

Work great for cutting vacuuming forming sheets down for the Wiz 3.

#12 in...#26312.....\$79.99

#18 in...#26358....\$169.99

#24 in...#26364....\$199.99

### IASCO Special Vacuum Sheet Packs 65 pack assorted colors and thickness from .020 to .060

#VSP-07...7 x7...\$19.95

#VSP-12...10 x12 ...\$31.50

#VSP-14...10 x14 ...\$39.50

#VSP-20...14 x20 ...\$58.75

### 70 pack assorted colors. Thickness .020

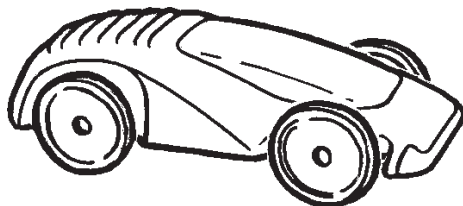
#VP-7007...7 x7 ...\$19.50

#VP-1012...10 x12 ...\$31.50

#VP-7014...10 x14 ...\$39.50

#VP-7020...14 x20 ...\$58.75

## Build the Betzy!



Toy Car Betzy is a project that incorporates Vacuum Forming *and* injection molding to create this fun and futuristic vehicle. New and improved chassis design makes the Betzy capable of supporting internal power and drive components that offer creative engineering challenges.

Betzy Molds fit Whiz 3 adaptor:

Betzy Car Body Vac Mold (shell)

#BZ-33 \$29.00

Betzy Car Chassis Vac

Mold (undercarriage)

#BZ-06 \$14.50

Wheel Injection Mold

#IAPCO 16 \$79.00



## Letters and Numbers - Gothic style

Plain backed raised font. Letters contain:

8-A, 4-B, 4-C, 4-D, 10-E, 3-F, 3-H, 12-I, 2-J, 4-K, 6-L, 5-M, 7-N, 8-O, 5-P, 2-Q, 7-R, 7-S, 7-T, 4-U, 2-V, 3-W, 2-X, 4-Y, 2-Z, 2-&, 2-dashes, 6 commas, 12-periods.

## NUMBERS

#101A...1/4 in \$7.95

#104A...1/2 in \$9.95

#110A...3/4 in \$12.50

#113A...1 in \$14.50

#119A...1-1/2 in \$17.00

#122A...2 in \$22.00

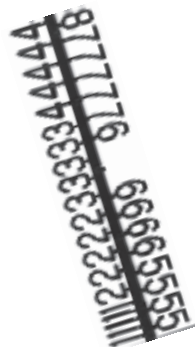
#128A...3 in \$33.95

## LETTERS

#100A...1/4 in \$9.95 #111A...1 in \$17.50

#102A...1/2 in \$11.95#117A...1-1/2 in \$28.99

#108A...3/4 in \$15.99#126A...3 in \$65.00





MOLDS \$44.95 EA.

FISHING



Item #	Model	Type	Cavities	Hook Size						
1084	JM-7A	Minnow Head	7	6,4,2,1,1/0,2/0,3/0						
Item #	Model	Type	Cavities	Weight	HOOKS					
1101	BK-8-A	Bank	8	1/8, 1/4, 3/8, 1/2, 3/4, 7/8, 1, 1-1/2						
1102	BK-8-A	Bank	4	2, 3, 4, 5						
1114	BE-8-A	Bell	8	1/8, 1/4, 3/8, 1/2, 3/4, 7/8, 1, 1-1/2						
Hook Type	Size 1	Size 2	Size 3	Size 4	Size 6	Size 1/0	Size 2/0	Size 3/0	Size 4/0	
Aberdeen 570#	1351 \$7.00	1352 \$7.00	1353 \$7.00	1354 \$7.00	1355 \$7.00	1361 \$7.75	1362 \$8.00	1363 \$8.50	1364 \$8.75	
O'Shaughnessy	1551 \$7.50	1552 \$7.50	1554 \$7.50	1556 \$7.50	1610 \$8.75	1610 \$8.75	1620 \$9.50	1630 \$9.75	1640 \$11.00	



380



White Glue Gallon  
WG-128 \$22.50  
Wood Glue Gallon  
WDG-128 \$21.75



Guestguard #79103 \$2.50  
Advantage Goggles #81000 \$2.99  
380 Faceshield with chin guard \$37.99  
390 Faceshield \$18.50



**Nuisance Dust Mask**  
RXX-DUST \$6.95  
Non-rated, not NOISH approved  
Packaged 50 each per box.  
For use with non-toxic nuisance dust only  
Meets FFDCA requirements



**MINI-ECONOMY GOGGLES**  
#83010...\$2.70

- \*Direct Vent, Green Tinted Body / Clear Lens
- \*Lightweight, green tinted PVC body gently conforms to face providing a secure, comfortable fit
- oIdeal for smaller faces and working in confined areas.
- \*Direct vent provides max. air flow and protection against grinding, chipping and cutting operations
- \*UV absorbing polycarbonate lens
- \*Adjustable 18" (45.72 cm) green elastic headband
- \*CUL Certified to meet CAN/CSA-Z94.3 Standards

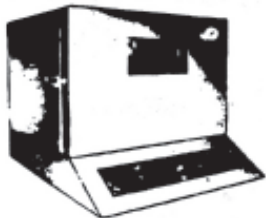


**Birch Knobs**  
Unfinished birch knobs. Mounting screws included.

#K75	3/4"	\$5.25/10	\$43.00/100
#K100	1"	\$6.20/10	\$47.50/100
#K125	1-1/4"	\$6.60/10	\$52.80/100
#K175	1-3/4"	\$10.50/10	\$85.50/100

# PLASTICS MACHINES ACCESSORY KITS

*Does NOT include machines*



Rotational Molding Kit #9 \$450.00  
Compatible with IASCO 110 roto oven.

Kit #9: 25 lbs. LDPE Powder, 8 Oz. Fl powder pigment, 1 set hot mitts, Measuring set, # cast aluminum molds: 3.5" Ball, 5" Football, 6" Pig. Spray mold release. Simply Put  
Video: Rotational Molding.

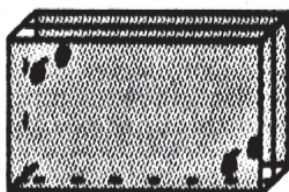


Vacuum Forming Kit #7 \$450.00  
Compatible with 10-B Therm-o-vac.

Kit #7: High impact polystyrene sheets 14" x 20" x .020 (25).  
PETG Visiform clear plastic sheets 14" x 20" x .020 (25).

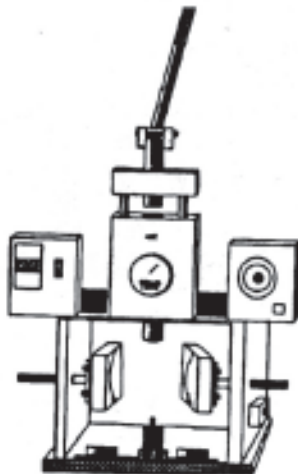
Vac Molds: Horseshoe/Horse, Football Helmet, 3/4" Gothic letters, 3/4" Gothic numbers.

Video: Simply Put: Vacuum Forming.



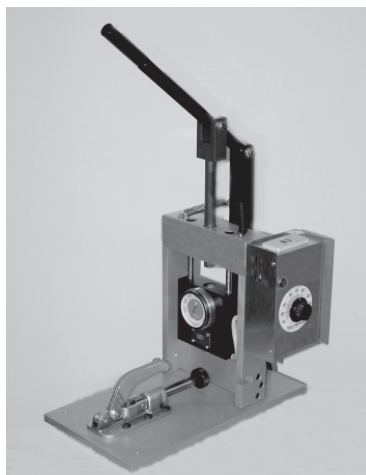
Mold Makers Kit #5 \$499.00  
16 BLANK Aluminum Molds measuring: 4" x 2.25" x 1".

These blanks are squarely pinned and finished on the exterior. Includes booklet on mold machining and cad-cam setup.



Blow Molding Kit #8 \$450.00  
Compatible with #99M Blowtron.

Kit #8: 25 lbs. LDPE pellets, 8 Oz. FL. powder pigment, Mold Set #BM-2C (requires injection molder for cap mold), Mold release spray, Needle nose pliers, Utility knife,  
Video: Simply Put: Blow Molding.



Injection Molding Kit #6 \$450.00  
Compatible with 66M, 75A, 110A.

Kit #6: screwdriver Handle Mold, 100 Screwdriver Blades, 25 lbs. LDPE Pellets, 25 lbs. Styrene Pellets. Front and rear dragster wheel molds. Needle Nose Pliers, Utility Knife.  
Vid: Simply Put: Injection Molding.

**2" HD Spring Clamps** #1919  
 Extra heavy duty spring clamp used to hold silicone molds together during pouring. Best if used in pairs and in conjunction with #T-AP aluminum mold supports \$4.50

**Aluminum Mold Supports** #T-AP  
 1 pair aluminum mold supports. Aluminum supports draw heat away from silicone mold and promote mold life. Easier clamping and crisper casts. \$3.25 pr.

**Flush Cutter** #662  
 Trim sprue from your fresh casts closely and quickly with this handy miniature flush cutter. \$5.99

**Lee Ingot Mold** #1893  
 4 cavity aluminum mold makes 2 ea 1/2 and 1 pound lead ingots. Includes wooden handle. \$16.00



**Simply Put Series \$39.95ea.**  
 Vacuum Forming...#SP-701  
 Injection Molding...#SP-702  
 Blow Molding...#SP-703  
 Rotational Molding...#SP-704

**The How and Why Of CO2 Dragsters**  
 #BP-1131 \$69.95



**Super Glue**

2oz Bottle...\$12.00 ea.  
 Cyanoacrylate adhesive.  
 Fast Bonding.  
**#S-120..Thin**  
**#S-220...Medium**  
**#S-320...Thick**



**Paint Markers- 5 pack \$11.99**  
 Medium Tip, #PM5  
 opaque - permanent acrylic paint marker. black, white, blue, red, green



**Balancing Bird**  
**#7-1320...\$4.00**

This simple device demonstrates how gravity works. By perfectly distributing weight on the tips of the wings, and placing its mass near the tip of its beak, the equilibrium of the bird is stabilized. This allows the bird to balance on whatever object it is placed upon.



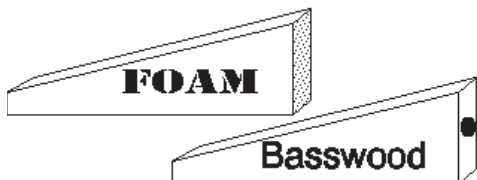
**Syringes without Needle Pack of 10.** Ideal for experimenting with hydraulics, pneumatics, fluid pressure and robotics.

**#ES1...1ml...\$2.00**  
**#ES3...3ml...\$2.25**  
**#ES5...5ml...\$3.00**  
**#ES10...10ml...\$3.50**  
**#ES20...20ml...\$8.50**  
**#ES30...30ml...\$9.75**  
**#ES60....60ml...\$12.00**



# CO<sub>2</sub> DRAGSTER KITS

## LSRAV CO<sub>2</sub> KIT



LSRAV is our most popular complete kit. It includes all materials to design, construct and race a CO<sub>2</sub> powered dragster including a deluxe CO<sub>2</sub> cartridge.

LSRAV KIT #LSRAV \$3.95  
 10 LSRV KITS #LSRAX \$36.50  
 100 LSRV KITS #LSRAC \$350.00

## METRIC STYLE DRAGSTER KIT

10 Kits #MD-2121  
 \$45.00

Deluxe kit includes all the parts.

Basswood body blank PLUS a student workbook!



## #1 RACER KIT

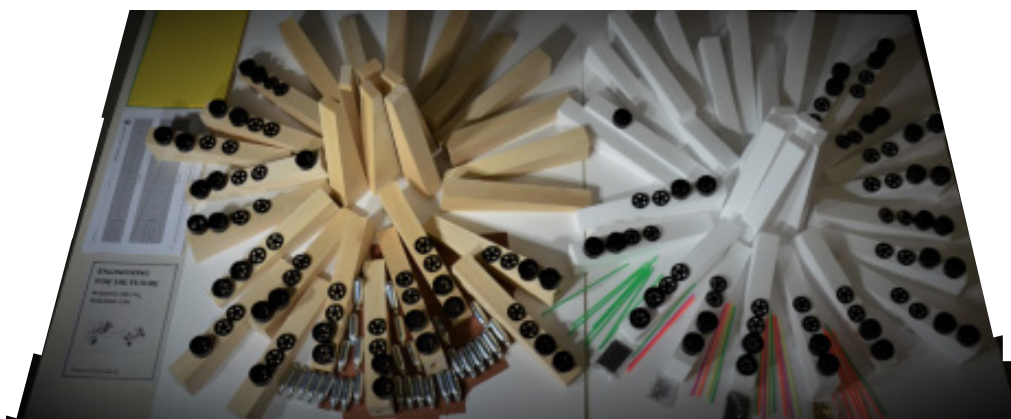
Everything but the body.

- 2 B style wheels
- 2 C style wheels
- 2 Axles (front & rear)
- 1 Co<sub>2</sub> cartridge
- 2 Screw Eyes
- 4 brass washers
- 1 Straw

#NO1 single unit \$1.85 ea.

#NO2X ten pack \$17.33

#NO3C hundred pack \$145.00



## LSRAV KITS 30 TO A BOX!

**CO<sub>2</sub> DRAGSTER BULK PACK #02B-30 \$99.95**

This handy bulk pack supplies the materials to construct 30 12" CO<sub>2</sub> dragsters. Components identical in quality and quantity to the popular LSRV CO<sub>2</sub> powered dragster kit, only times 30. No little boxes are included, and we pass the savings on to you!



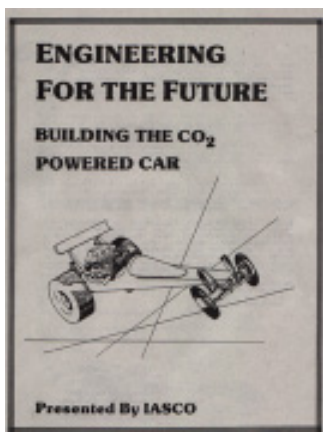
# DRAGSTER SUPPLIES & PARTS



**B PLUS RACING SLICK**  
#BP-100 \$12.95  
100 per pack

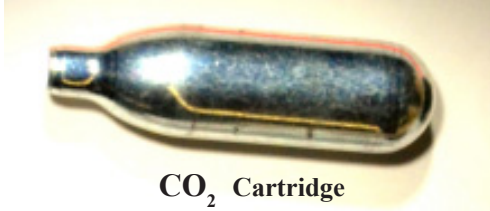


**C PLUS 5 SPOKE**  
#CP-100 \$11.50  
100 per pack



**ENGINEERING FOR THE FUTURE WORKBOOK #WW-23 \$1.50 EA.**  
**25 BOOKS #WW-96 \$19.99**

Covers the science of Co2 powered design and construction. Features subjects from aerodynamics to synergism, crossword puzzles.

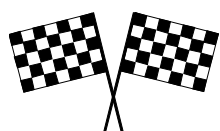
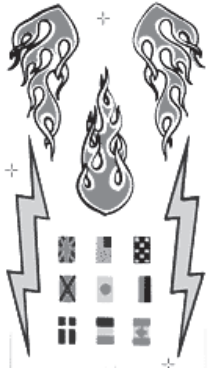


**CO<sub>2</sub> Cartridge**  
100 for \$44.00  
400 for \$160.00

## DRY TRANSFER DECALS \$4.95 per sheet.

The fastest and easiest way to customize a Co2 Dragster. Colorful stripes, flames, and numbers. Apply in seconds. Sheet size: 4" x 5"

- Sponsors & #'s #P306
- Stripes & Flames #P307
- Hot Rod #P314
- Off Road #P315
- Drag Racer #P316
- NASCAR #P317
- Custom #P318
- Formula #P319

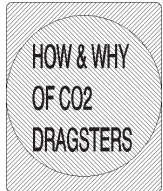


## RACING LUBE



**Graphite Powder Lubricant #VG3 \$2.25**

Use Graphite Powder to reduce friction between dragster axles and plastic bearings. Works best after axle has been polished with 0000 steel wool. Dry lube won't "gum up" or attract grit. Use sparingly for best results.



**DVD: THE HOW & WHY OF CO2 DRAGSTERS #BP-1131 \$69.95**

Lots of useful information about Co2 dragsters. Newton. Aerodynamics, Safety, and self esteem. Grades 5-9



**EASY RACER RACEWAY #OU-812 \$225.00**

Pre-assembled and adjustable, this affordable raceway covers the basic requirements to run your Co2 dragster class to its logical conclusion. Starts 2 cars at the same time., indicates the winning lane at the finish line. Safe and dependable construction.

# DRAGSTER SUPPLIES



## BASSWOOD BODY BLANKS

12" Basswood Blank #BA-12 \$2.69 ea.



## BALSA BODY BLANKS

12" Balsa Body Blank #BN-12 \$3.99 ea.

8" Balsa Body Blank #BN-08 \$3.25 ea.



## PRE-CUT STYROFOAM WEDGES

#1225 \$.50



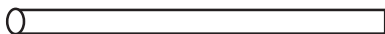
## Straws #DS-50 \$4.50

Use as axle bearings. Box of 500.



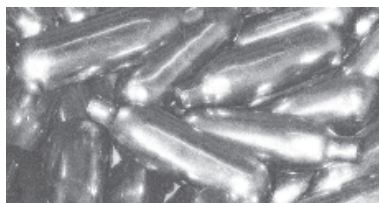
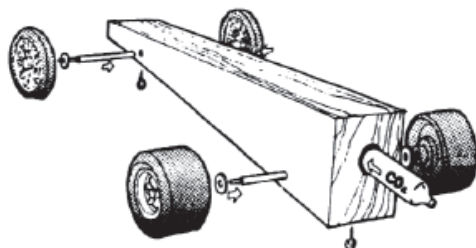
## Front Axles #DS-21 \$5.00

1/8" x 2- 1/4" Steel. 100 pack.



## Rear Axles #DS-22 \$5.50

1/8" x 2-1/2". 100 pack.



## CO2 CARTRIDGE

8.5 gram

Brand D

Co2 Cartridge (each) #PB-85 \$.50

Co2 Cartridge (per 100) #PB-39 \$44.00

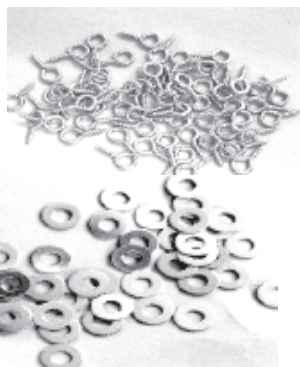
Co2 Cartridge (per 400) #PB-14 \$160.00

## Screw Eyes

#DS-20

\$2.50

100 per pack.



## Brass Washers #DS-66 \$2.25

Size 6. Packed 100 per bag.

## FLOURESCENT COLOR DRAGSTER WHEELS \$12.50 / 50

50 Per Pack.

Fl. Yellow

Fl. Green

Fl. Pink

Fl. Yellow

Fl. Green

Fl. Pink

CFW-1

CFW-2

CFW-3

CRW-1

CRW-2

CRW-3



FRONT WHEELS

REAR WHEELS

## Co2 DRAGSTER LAUNCH SYSTEMS & ACCESSORIES

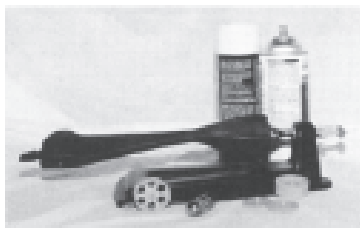


### SPEED GUN

# 450 \$149.00

Large LCD display. Displays fastest speed once trigger is released. Laser radar with +/- one mph accuracy. Requires 2 C batteries. 4.3 x 8.4 x 6 inches. Weighs 19 oz / 539g.

Measures the speed of a baseball at 10-110 mph from up to 80 feet away, and the speed of a race car from 10-200 mph at up to 1000 feet away. While trigger is pulled, radar will show changing speeds on display. Release trigger and the unit displays the fastest speed during trigger pull.



### DRAGSTER PAINT STAND

#DPS-050 - \$13.00

### Easy Racer Raceway

#OU-812 \$225.00



Pre assembled and adjustable, this affordable raceway covers the basic requirements to run your Co2 dragster class to its logical conclusion. **Starts 2 cars at the same time**, indicates the winning lane at the finish line. Safe and dependable construction.

### THE ELECTRONIC RACE SYSTEM

Metal Start gate shows LED times and Christmas tree start.

Two way adjustments for height and length insure fair starts.

Metal Start gate shows LED times and Christmas tree start.

B-740041 \$899.00

The starting alignment of both cars can be adjusted so shorter cars are not at a disadvantage. The winning lane and times of both dragsters show to the 1000th of a second at the start gate. No more running down to the break gate to get results!

Additionally, the Christmas tree start can be adjusted for a true reflex race or make it so reflex is not an issue by starting both cars when the start trigger is fired. There is even a mechanism to red light a car and not allow it to fire when the starting trigger is pushed before the green light comes on!

### Easy Racer Raceway

This simple to operate manual raceway is designed to launch two Co2 dragsters at the same time. A metal slammer bar is cocked and released, allowing the powerful spring action to impel the slammer in such a manner as to strike both firing pins at the same time. The firing pins may have to be replaced periodically due to wear. Replacements are available (**F-pin #OU-869 \$14.99 ea.**) or the entire housing/pin assembly may be replaced due to loss or damage (**F-pin & housing assembly #OU-8PP \$27.99**). The Finish gate gently stops the cars (minimum track length: 60 yards) and indicates the winning lane. The Easy Racer Raceway is a great way to enter the world of CO2 dragsters on budget. Includes 1 spool race-line.



## OIL-BASED WOOD STAINS

*This oil-based stain by Minwax is a rich penetrating wood finish.*

**\$10.50 / QUART**

Application tool: cloth, brush or foam applicator.

Recoat: 4-6 hours. Dry time: 8 hours

Cleanup: mineral spirits

Coverage: 125-150 square feet per quart

#70000	NATURAL
#70001	GOLDEN OAK
#70002	PROVICAL
#70003	PURITAN PINE
#70004	IPSWICH PINE
#70005	COL. MAPLE
#70006	SPECIAL WALNUT
#70007	RED MAHOGANY
#70008	EARLY AMERICAN
#70009	CHERRY
#70010	FRUITWOOD
#70011	DRIFTWOOD
#70012	DARK WALNUT
#70040	RED OAK
#70041	GOLDEN PECAN

## WATERBASED WOOD STAINS

This water-based wood stain by Minwax provides rich, even stain color and long lasting beauty.

Application tool: cloth, synthetic brush or foam applicator.

Recoat: after 2 hours

Dry time: Up to 3 hours

Cleanup: Soap and water

Coverage: 100 square feet per quart.

**\$12.75 QUART**



#61806 WHITE OAK

#61807 CLEAR

## CLEAR COATS POLYURETHANE

**AEROSOL \$8.50**

#CC01- SATIN

#CC02- SEMI-GLOSS

#CC03- GLOSS

**GALLON \$55.50**

#CC07- SATIN

#CC08- SEMI-GLOSS

#CC09- GLOSS

**QUART \$12.95**

#CC04- SATIN

#CC05- SEMI-GLOSS

#CC06- GLOSS

### POLYCRYLIC

Crystal clear finish is what you'll have with this low-odor, ultra-fast drying finish. Waterbased for easy clean up.

**AEROSOL \$12.50**

#PC01- SATIN

#PC02- SEMI-GLOSS

#PC03- GLOSSp

**GALLON \$58.50**

#PC07- SATIN

#PC08- SEMI-GLOSS

#PC09- GLOSS

**QUART \$19.95**

#PC04- SATIN

#PC05- SEMI-GLOSS

#PC06- GLOSS



### Wood Glue

#WDG-032 \$ 9.99 32oz.

#WDG-128 \$19.95 GAL.

# M O U S E T R A P S

Components include:

- 1 Victor Mouse trap
- 4 brass washers
- 2 five spoke front wheels
- 1 plastic straw (bearing)
- 2 laser cut 2.5" rear wheels
- 1 12" flex string
- 8 inches 1/8" wood axle
- 4 staple nails
- 5 pieces balsa
- 1 instruction sheet
- 1 1/4" x 18 gauge pin
- 1 sheet design grid



**MT01..Single Kit \$3.99**

**MT25..Classroom Pack of 25 \$94.00**

**MT100..School Pack of 100 \$360.00**

Enter the world of the IASCO Mousetrap Dragster and experience fun and exciting involvement with technology problem solving, the physics of energy transference, aerodynamics, thrust, vector, friction, the thrill of competition, and the satisfaction of a job well done!

Each kit is individually packaged with a complete set of components and instructions. The instructor just hands out a bagged kit to each student and away they go! Each kit contains enough material to create standard, fancy, or way out designs. Glue is not included. **100 kits \$360.00**

**VALUE ALERT:** Classroom packs and School packs are not bulk packs. Each kit is **individually bagged** ready to be passed out to students. The Result: Fast and precise disbursement of materials.



**Gram Scales**

#6161...\$36.55/ digital



The powerplant of choice for Mousetrap Vehicles. Lively spring action, consistent quality, and an attractive price make **Victor Mouse Traps**

...the ones to snap up.

Single Trap #MTS \$ .45 ea.

100 Traps #MTC \$39.00

**Digital Stopwatch**

#226...\$19.95

Shock resistant, laser tuned, watertight quartz stopwatch with a 46" lanyard attached. Alarm and lap reset, 2 place finish, time out and split features.



# ROCKETS



**#1756 ALPHA BULK PACK...\$68.99**

**#1756A ALPHA EACH...\$6.75**

**Skill Level 1**

Length: 12.3 in. (31.1 cm), Diameter: 0.98 in. (24.9 mm), Weight: 0.8 oz. (23 g)

Laser Cut Balsa fins, Self-stick Decals, Parachute Recovery

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7

Max Altitude: 1000 ft. (305 m)

**#1755 VIKING BULK PACK...\$45.50**

**#1755A VIKING EACH...\$5.25**

**Skill Level 1**

Length: 12.1 in. (30.7 cm), Diameter: 0.74 in. (18.8 mm), Weight: 0.6 oz. (17 g)

Die Cut Card Stock Fins, Self-stick Decals, Streamer Recovery

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7

Max. Altitude: 1698 ft. (518 m)



**#1754 WIZARD BULK PACK...\$55.50**

**#1754A WIZARD EACH...\$5.75**

**Skill Level 1**

Length: 12 in. (30.5 cm), Diameter: 0.74 in. (18.8 mm), Weight: 0.5 oz. (14.2 g)

Laser Cut Balsa Fins, Self-stick Decals, Streamer Recovery

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7

Max Altitude: 1600 ft. (516 m) 12 Per Pack

**#1764 GENERIC BULK PACK...\$72.50**

**#1764A GENERIC EACH...\$6.25**

**Skill Level E2X**

Length: 15.0 in. (38.1 cm), Diameter: 0.98 in. (24.9 mm), Weight: 1.27 oz. (36 g)

Plastic Fin Unit, Self-stick Decals, Parachute Recovery

Recommended Engines: 1/2A6-2, A8-3, A8-5, B4-4

Max Altitude: 1100 ft. (335 m) 12 per Pack

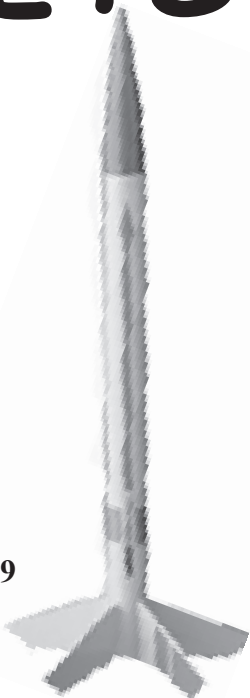


**\*\*\*All rockets are individually packaged. Bulk Packs contain 12 Rockets\*\*\***

# ROCKETS



**#1793 SPACELOFT BULK PACK...\$60.99**



## Skill Level E2X

Length: 12.5 in. (31.75 cm), Diameter: 0.54 in. (13.8 mm), Weight: 0.47 oz. (13.2 g)

Plastic Fin Unit, Self-stick Decals, Streamer Recovery

Recommended Engines: 1/2A3-2T, 1/2A3-4T, A3-4T, A10-3T

Max Altitude: 800 ft. (244 m)

**#2179 GUARDIAN BULK PACK...\$117.36**

**#2179A GUARDIAN EACH...\$13.99**



## Skill Level 2

Length: 19.13 in. (48.6 cm), Diameter: 1.33 in. (33), Weight: 2.4 oz. (68 g)

Laser Cut Balsa Fins, Self-stick Decals, Parachute Recovery, Multi-finned

Recommended Engines: A8-3, B4-4, B6-4, B6-6, C6-5

Max Altitude: 700 ft. (213 m)



**#2178 HI-FLIER BULK PACK...\$64.95**

**#2178A HI-FLIER EACH...\$6.25**

## Skill Level 1

Length: 12 in. (30.5 cm), Diameter: 0.74 in. (18.8), Weight: 0.82 oz. (23.2 g)

Laser Cut Balsa Fins, Self-stick Decals, Streamer Recovery

Recommended Engines: 1/2 A6-2, A8-3, A8-5, B4-4, B6-4, B6-6, C6-5, C6-7

Max Altitude: 1675 ft. (510 m)

# ROCKETS

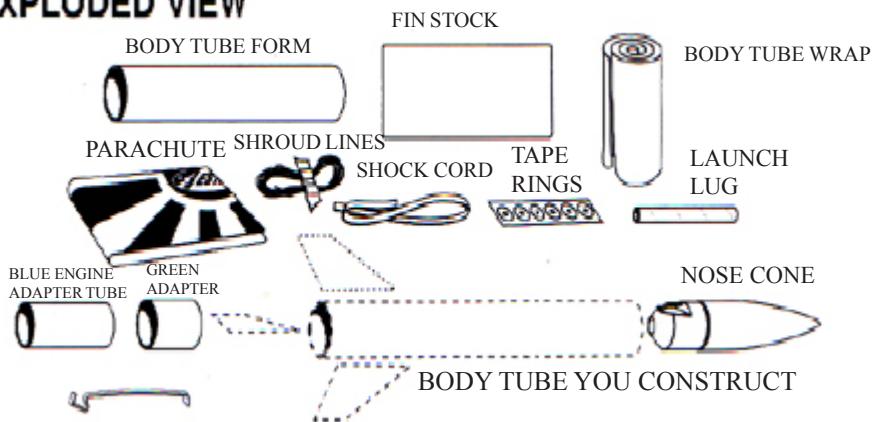
**Designed for Industrial Technology**

Make your own body tube

Flights over 1000 feet!

AVAILABLE WITH OR W/O ENGINE

## EXPLODED VIEW



ITEM #	ENGINE	\$ EACH	48+
2126	NA	\$7.99	\$7.50
A2126	A8-3	\$8.79	\$8.25
B2126	B6-4	\$9.00	\$8.60
C2126	C6-5	\$10.00	\$9.50

## ROCKET ENGINES 3 ENGINES PER PACK

#1503

1/2A32T...\$4.99

#1598..A8-3...\$5.99

#1601..B4-2...\$5.99

#1605..B6-2...\$5.99

#1606..B6-4...\$5.99

#1613..C6-3...\$6.25

#1614..C6-5...\$6.25

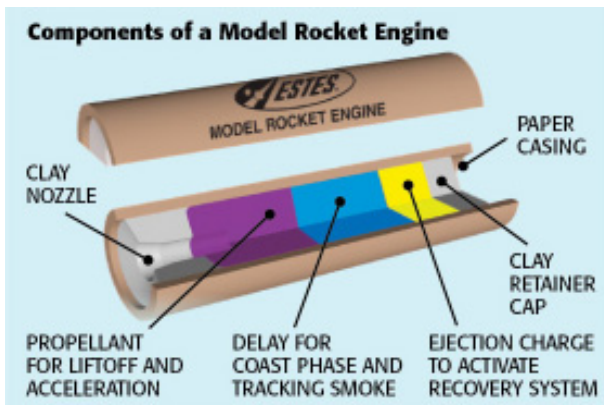
#1616..C6-0...\$6.25

#1666..D12-3...\$9.99

#1667..D12-5...\$9.99

## ROCKET LAUNCH SET

#1477..ALPHA III...\$30.99



## ROCKET ENGINES BULK 24 ENGINES PER PACK

#1781..A8-3...\$42.99

#1783..B6-4...\$43.25

#1784..B6-0/B6-6...\$46.50

#1788..1/2A3-4T...\$36.99

#1789..C6-5...\$45.99

#1672..

A8-3, B6-4, C6-3, C6-5...\$42.25



**BRASS PLATED HINGES**



3/4" x 5/8"  
Decorative  
hinge. Mount with  
#1 flat head screw.

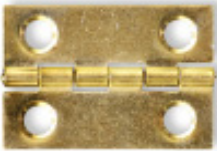
#125 \$4.85 / 10  
\$43.00 / 100



1-1/4" x 1-13/64"  
Butterfly Hinge  
#465 \$4.25 / 10  
\$47.50 / 100



1-3/8" length x 2" wide  
#6 RH suggested screw size.  
#460 \$8.25 / 10  
\$72.50 / 10



1-1/2" length x 1" wide  
#6 RH suggested screw sizes  
#910 \$5.95 / 10  
\$51.00 / 100



Brass Plated Hasp w/ Catch  
3/4" long x 1-7/8" wide  
#2 RH suggested screw size.  
#2093 \$2.39 / ea.  
\$21.00 / 10



**Sawtooth Hangers**



S59 1-7/8" 1/4" wide



S60 2-3/4" 5/16" wide



2" No Nail Sawtooth  
Hangers, 5/16" wide

#S59 \$5.95 / 100 \$46.50 / 1000  
#S60 \$10.50 / 100 \$82.00 / 1000  
#406 \$8.95 / 100 \$75.00 / 1000



Brass-Plated  
Flat-Head Wood Screws

#PF381 Fl Hd 1/2" x #2 \$8.95 / 100  
#PF124 Fl Hd 1/2" x #4 \$9.95 / 100  
#PF585 Fl Hd 5/8" x #6 \$9.95 / 100

Brass-Plated

Round-Head Wood Screws

#PR122 Rd Hd 1/2" x #2 \$9.95 / 100  
#PR126 Rd Hd 1/2" x #6 \$12.95/100  
#PR586 Rd Hd 5/8" x #6 \$14.95/ 100



AP1 Axel  
1/4" Dia.

Part #	Diameter	Width	\$ per 100
W100	1"	3/8"	\$18.00
W125	1-1/4"	7/16"	\$23.00
W150	1-1/2"	1/2"	\$28.00
W175	1-3/4"	9/16"	\$38.00
W200	2"	5/8"	\$47.00



**Marbles**

9/16 Dia. solid color  
Chinese Checker Marbles

PART #	Color	PKG	PKG
# MWH	White	\$8.45/100	\$35.00/500
# MBK	Black	\$8.45/100	\$35.00/500
# MGR	Green	\$8.45/100	\$35.00/500
# MBU	Blue	\$8.45/100	\$35.00/500
# MRD	Red	\$8.45/100	\$35.00/500
# MYE	Yellow	\$8.45/100	\$35.00/500



**Shaker Pegs**

3-1/2" overall length  
with 1/2" tenon  
#7226 Birch

\$7.25 /10 \$64.00 /100

#SKP2 Oak

\$8.25 /10 \$73.00 /100

Mini Shaker Pegs

1-3/4" overall length.

1/4" tenon diameter.

#7227 Birch \$24.00 / 100

#7261 Oak \$33.50 / 100



**Birch Hardwood  
Wheels**

All holes 1/4"

Use axel AP1 \$13.00/100



**Lazy Susan Bearings**

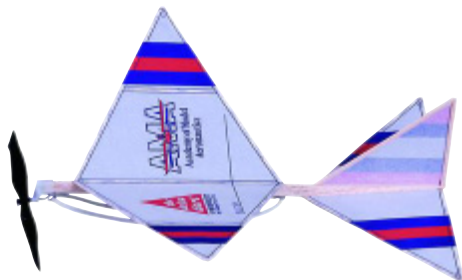
Mounting screws not included  
4" #LC4 \$3.39 /ea. \$29.00 / 10  
6" #LC6 \$3.99/ ea. \$36.00 / 10

# AIRPLANE KITS

## Featuring the Award Winning Delta Dart!

### #510 DELTA DART \$45.99 35 pk.

The **DELTA DART** is the most popular teaching model airplane in the world. It features bi-lingual (English/Spanish) instructions and a time-tested unique construction method. Each box of 35 bulk packed kits contains a Teacher's Guide.



Wingspan: 290mm  
Fuselage Length: 295mm  
Propeller Diameter: 152mm

Power 7" loop of .062 rubber  
Weight: 13g  
Wing Loading: 00054g/sq in

### #509 SUPER DELTA \$69.99 / 24pk.

This kit features a removable, adjustable wing. A larger wing span for increased flight duration. Thicker balsa wood framing for improved durability. An improved construction manual to enhance the educational benefits and assure success.



Wingspan :545mm  
Fuselage Length: 380mm  
Propeller Diameter: 152mm

Power 12" loop of .062 rubber  
Weight: 18g  
Wing Loading: 00046g/sq in

### RIGHT FLYER #501-\$99.75/24pk. #50101-\$47.99 /8pk. #50102-\$8.83/ea.

The big brother to the shoebox ROG, Right Flyer has cambered airfoil wings and a low thrust line for high performance.

Propeller Diameter: 152mm  
Power 12" loop of: .125 rubber  
Weight: 18g  
Wing Loading: 00043g/sq in



Wingspan: 485mm  
Fuselage Length: 380mm

### #51401 R.O.G. SHOEBOX \$34.99 /8pk.

Features:

Easy construction with complete instructions.  
Light but sturdy design. Flies 40 seconds or more in a gym or, over a minute outdoors.  
Easy to adjust wings for flying success



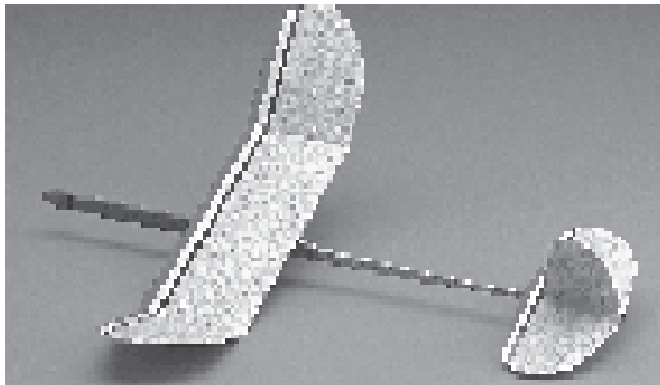
# AIRPLANE KITS

## Featuring the Award Winning Delta Dart!

### #502 FLIP GLIDER

**\$79.99/35pk.**

The Flip Glider features wing tip dihedral for stability, and an airfoil that your students sand to shape for optimal lift. This kit may be easily converted to an outdoor, catapult launched glider. 35 gliders per pack.



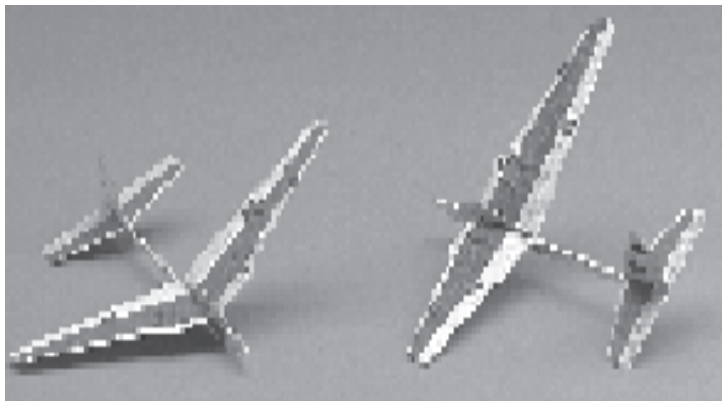
Wingspan: 310mm  
Fuselage Length: 300mm  
Propeller Diameter: 152mm

Power 12" loop of .093 rubber  
Weight 11g  
Wing Loading 00048g/sq in.

### #505 STAR GLIDER

**\$41.99 /35 double Kits.**

An economical first step in aviation science. 35 students are each supplied with two gliders to build.



# WHITEWINGS



### Whitewings 30-Plane Competition Kit

Ideal for Science Class, Scouting, or Events!

Kit Includes:  
30 Sky Cub Racers  
30 sets of student instructions  
2 teacher's manuals  
Target Game.

**AG5000**  
**\$47.75**

# HOLD IT TOGETHER



## DUCT TAPE

#DT23...\$6.25 each



## Magnetic Tape

Use on everything from signs to the fridge!

Sold by the foot.

#MGO-2...1/2"...\$0.99

#MGO-3...3/4"...\$1.10

#MGO-4...1"...\$1.50



## Masking Tape

180 foot rolls great for masking off areas not to be painted.

#MT-001...1/2"...\$1.99 ea.

#MT-002...3/4"...\$2.44 ea.

#MT-003...1"...\$2.75 ea.

#MT-004...1 1/2"...\$3.86ea.

#MT-005...2"...\$4.14ea.



## Foam Board

#FS-3-32...3/16"x32"x40"...\$5.55each

#FS-3-33...3/16"x32"x40"...\$47.50/10pk.

#F8-30...1/8"x32"x40"...\$5.25 each

#F8-301...1/8"x32"x40"...\$45.00/10pk.

#FS-4-32...3/16"x20"x30"...\$4.99 each

#FS-4-33...3/16"x20"x30"...\$40.90/10pk.

## Polishing Compound Kit #150...\$6.50

Includes: Black emery, red rouge, brown tripoli, white diamond



## Pony Style Clamps

#1919...\$4.50

2" opening  
heavy duty  
pony clamp.



## Handy Andy

#4030/ with magnifier...\$5.99

#4031/without magnifier...\$4.99

*Use Wet  
or Dry*

## Waterproof Silicon Carbide

Ideal for smoothing edges before buffing!

Abrasive sheets 9"x11".

\$0.90 per sheet

\$40.00 per 50pk.

#WSC-100...100 grit

#WSC-220...220 grit

#WSC-320...320 grit

#WSC-400...400 grit

#WSC-600...600 grit

#WSC-800...800 grit

#WSC-1000..1000 grit

**Use  
Wet  
or  
Dry**

# BRIDGE BUILDING SUPPLIES

## WOOD GLUE

- #WDG-016 \$ 4.75 16oz.
- #WDG-032 \$ 9.99 32oz.
- #WDG-128 \$19.95 GAL.



## COLORED BRIDGE GLUE

- #CBG-008 \$ 4.15 8oz.
  - #CBG-016 \$ 6.50 16oz.
  - #CBG-032 \$11.50 32oz.
  - #CBG-128 \$24.99 GAL.
- Blue, Green, or Pink



## PRECISION MODELING MITER

#K-55 \$27.50

The k-55 cuts 0 degrees to 60 degrees in 5 degree increments. Plus 22-1/2 degrees for half 45 degrees. Razor saw and chop blade included. 1 year guarantee.

## CLOTHESPIN

#GWC-30 \$1.99/30pk.

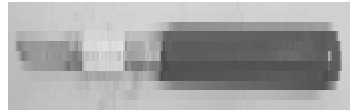
These genuine wooden clothespins are a great start for anyone needing that little extra bit of help. These safe, easy to operate devices will never complain as you utilize them to hold bridge projects together while the glue dries.



- #3202 \$3.59 EACH  
FOR MEDIUM TO HEAVY WORK.  
WITH NO. 2 BLADE.
- #3002 \$5.50 EACH  
W/SAFETY CAP.

## BRIDGE BUILDING PINS

#P-125 \$2.95  
BOX 100  
PLASTIC HEAD



#3205 \$3.99 EACH

For heavy work. With #19 blade. Surgically sharp for carving, cutting, etching, hollowing, piercing, sawing, scoring, scraping, scribing, slicing, slitting, stripping, trimming.

## T-PINS

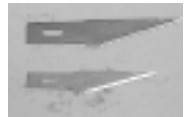
#TP-50 \$ 1.99 /50pk.  
#TT-500 \$15.02/500 pk.



Excellent for holding fragile wood pieces in place while the glue is drying. All metal construction. Sharp.

## X-ACTO BLADES

- #202 \$ 2.89\5pk.
- #211 \$ 2.59\ 5pk.
- #411 \$ 5.06\15pk.
- #611 \$34.00\ BULK 100pk.  
FITS NO.2 & NO.5 Handle.



- #216 \$ 1.75\5pk.  
STENCILING,  
SCORING,  
ETCHING.
- #219 \$2.25\5pk.  
DE BURREING  
CHISELING ,  
ROUGH SHAPING.



## TOOTHPICKS FOR BRIDGE BUILDING

#TP-08 \$1.79\1000 per box

These round toothpicks with tapered ends are ideal for your bridge building project.

## SINGLE EDGED RAZOR BLADES

- #270 \$ 3.20\ 5pk.
- #670 \$14.45\100pk.



# PLASTISOL MOLDS DIP CASTING



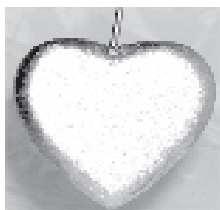
#AA-9  
2" Round Coin Case...\$8.99



#AA-8  
2"x2" Square  
Coin  
Case...\$8.99



5" Jar Lid  
#AA-65 \$18.99



#AA-59  
1 1/2"x2 3/4" Heart Coin  
Case...\$8.99

#B22A...\$60.00  
Ping Pong Ball  
Squeeze  
Shooter

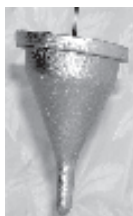


Fly Swatter  
4" x 5"  
#AA-61 \$38.95

#B20...\$45.00  
Ball Hitch  
Cover.



#AA-7...\$8.99  
1 3/4"x3" Oval  
Coin Case



#B21A...\$49.50  
2 1/2" Funnel

#AA-36  
2 1/4"x3 3/4"  
Lg Oval Coin  
Case...\$19.83

## Molds for #16

#AA-56..  
3"x7". Ice  
Scraper  
Handle...\$13.25

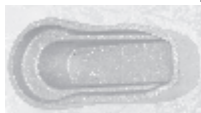


#BM-001  
Large Frog...  
\$16.95



#BM-007  
Small Frog...\$8.95

Door Stop  
#AA-54  
\$19.00



#BM-002  
Minnow...  
\$13.95



#BM-009  
Crayfish...\$9.75

## SLUSH CASTING



Football Kicking Tee  
#AA-31 \$28.64



#BM-005  
Cricket...\$7.75

#BM-006  
Night Crawler...\$7.25



## IASCO PLASTISOL



IASCO Plastisols are a high solids, vinyl dispersion formulation which exhibit high strength and stiffness at a hardness approximately equal to their part numbers as these numbers appear on the A Shore Durometer Hardness Scale. The uncured material in it's original liquid state may be stored up to a year in a cool environment.

Caution: Do not burn plastisol or spill in oven. Smoke from burning vinyl is extremely irritating to eyes and lungs. Use aluminum tray or foil on bottom of oven to keep hot surfaces clean.

For use in aluminum molds:

- 1) Pigment Plastisol using IASCO opaque plastisol pigments in the ratio of 1-2 ounces pigment per quart of plastisol.
- 2) **For general casting** pour plastisol into cold aluminum mold - Don't spill in oven. Cook at 375°F for 20-30 min.
- 3) **For slush casting** pour plastisol into a pre heated (400°F for 20 min.) mold and allow the plastisol to dwell in the hot mold for 90 seconds. The plastisol will solidify as it hits the hot metal, leaving a wall thickness of about 1/8". Pour out excess plastisol (back into the can) and post cure mold at 375°F. for 20-30 min.
- 4) **For rotational molding** pour into cold mold and make sure the mold does not leak. Process in a rotational oven for 30 min. at 375°F. Hand rotation is executed using a pre heated mold (400°F. for 20 min.) and heavy duty hot mitts. Pour cold plastisol into preheated mold and quickly bolt together (careful - HOT). Rotate biaxially by hand for 5 min. and post cure 375°F. 30 min.
- 5) Keep in mind that brittle or weak castings are a sign of under cured plastisol. Increase time in 5 min. increments to next cure



### Plastisol #97

#97Q...\$14.99 / qt.

#97G...\$39.50 / gal.

97 ( Shore A) Durometer. High solids content, very stiff finished product. The hardest plastisol available.

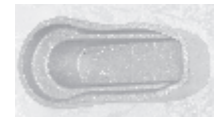


### Plastisol #65

#65Q...\$15.99 / qt.

#65G...\$39.95 / gal.

65 (Shore A) Durometer. #65 plastisol contains no barium or cadmium, instead it uses the FDA approved stabilizer Calcium-Zinc. Use plastisol #65 for any hot dip mandrill projects: Coin Purse, Ice Scraper.



### Plastisol #90

#90Q...\$14.99 / qt.

#90G...\$39.50 / gal.

90 ( Shore A) Durometer. High strength, stiff finished product.



### Plastisol #16

#16Q...\$12.99 / qt.

#16G...\$35.99 / gal.

16 (Shore A) Durometer. Great for bait molds. Very flexible .Remains soft in cold temperatures.

## Trouble Shooting Plastisol

Problem: Plastisol is brittle and tears easily.

Solution: Brittleness is the classic symptom of under curing. Plastisol must be at temperature for sufficient duration to allow the vinyl cells to fuse completely. Exact cooking time will vary by situation. Never exceed 400 degrees F.

Problem: Red pigment turns my plastisol pink.

Solution: Uncured Plastisols 4, 16, & 65 are whiteish. Once material is cured it is neutral. The pastel influence will disappear as your project cures.

# BALSA STICKS & SHEETS

BS-016	Balsa Wood 36", 1/16"x1/16", 50 pack	\$ 11.19
BW-016	Balsa Wood 36", 1/16"x1/16", 500 pack	\$ 91.00
BS-332	Balsa Wood, 3/32"x3/32", 50 pack	\$ 12.25
BW-332	Balsa Wood 36", 3/32"x3/32", 500 pack	\$ 117.59
BS-018	Balsa Wood 36", 1/8"x1/8", 50 pack	\$ 12.60
BW-018	Balsa Wood 36", 1/8"x1/8", 500 pack	\$ 124.60
BS-316	Balsa Wood 36", 3/16"x3/16", 50 pack	\$ 16.66
BW-316	Balsa Wood 36", 3/16"x3/16", 500 pack	\$ 154.00
BS-025	Balsa Wood 36", 1/4"x1/4", 50 pack	\$ 24.50
BW-025	Balsa Wood 36", 1/4"x1/4", 500 pack	\$ 238.00
BS-038	Balsa Wood, 36", 3/8"x3/8", 50 pack	\$ 48.72
BW-038	Balsa Wood 36", 3/8"x3/8", 100 pack	\$ 95.55
BS-012	Balsa Wood 36", 1/2"x1/2", 50 pack	\$ 55.99
BW-012	Balsa Wood 36", 1/2"x1/2", 100 pack	\$ 107.80
BW-034	Balsa Wood 36", 3/4"x3/4", 50 pack	\$ 109.06
BS-034	Balsa Wood 36", 3/4"x3/4", 100 pack	\$ 201.95
BS-111A	Balsa Wood 36", 1/16"x3", Each	\$ 1.25
BS-111	Balsa Wood 36", 1/16"x3", 10 pack	\$ 12.32
BS-222A	Balsa Wood 36", 1/8"x3", Each	\$ 1.86
BS-222	Balsa Wood 36", 1/8"x3", 10 pack	\$ 17.92
BS-333A	Balsa Wood 36", 1/4"x3", Each	\$ 2.44
BS-333	Balsa Wood 36", 1/4"x3", 10 pack	\$ 24.08
BS-444A	Balsa Wood 36", 3/8"x3", Each	\$ 3.42
BS-444	Balsa Wood 36", 3/8"x3", 10 pack	\$ 32.90
BS-555A	Balsa Wood 36", 1/8"x4", Each	\$ 2.31
BS-555	Balsa Wood 36", 1/8"x4", 10 pack	\$ 21.70
BS-666A	Balsa Wood 36", 1/4"x4", Each	\$ 3.77
BS-666	Balsa Wood 36", 1/4"x4", 10 pack	\$ 34.86
BS-777A	Balsa Wood 36", 1/8"x6", Each	\$ 3.61
BS-777	Balsa Wood 36", 1/8"x6", 10 pack	\$ 33.32

Balsa prices may not be stable.

Email your request for current pricing to: [sales@iasco-tesco.com](mailto:sales@iasco-tesco.com)

## #8824 Balsa , 1/8" x 1/8" x 24" Premium Balsa Sticks \$83.99

#1049	Balsa Wood 36", 1/8"x1"	
#1049-1	Balsa Wood 36", 1/8"x1" - Each	\$ 1.12
#1049-50	Balsa Wood 36", 1/8"x1" - 50 Pack	\$ 55.30
#1049-100	Balsa Wood 36", 1/8"x1" - 100 Pack	\$ 107.80
#1077	Balsa Wood 36", 1/4"x1/2"	
#1077-1	Balsa Wood 36", 1/4"x1/2" - Each	\$ 0.80
#1077-50	Balsa Wood 36", 1/4"x1/2" - 50 Pack	\$ 39.20
#1077-100	Balsa Wood 36", 1/4"x1/2" - 100 Pack	\$ 75.60
#1047	Balsa Wood 36", 1/8"x1/2"	
#1047-1	Balsa Wood 36", 1/8"x1/2" - Each	\$ 0.66
#1047-50	Balsa Wood 36", 1/8"x1/2" - 50 Pack	\$ 32.20
#1047-100	Balsa Wood 36", 1/8"x1/2" 100 Pack	\$ 61.60
#1045	Balsa Wood 36", 1/8"x1/4"	
#1045-1	Balsa Wood 36", 1/8"x1/4" - Each	\$ 0.32
#1045-50	Balsa Wood 36", 1/8"x1/4" - 50 Pack	\$ 15.40
#1045-100	Balsa Wood 36", 1/8"x1/4" - 100 Pack	\$ 28.00



# BASSWOOD STICKS & SHEETS

AS-332	Basswood 24", 3/32"x3/32", 50 pack	\$ 9.60
AW-332	Basswood 24", 3/32"x3/32", 500 pack	\$ 88.75
AS-018	Basswood 24", 1/8"x1/8", 50 pack	\$ 10.00
AW-018	Basswood 24", 1/8"x1/8", 500 pack	\$ 89.00
AS-025	Basswood 24", 1/4"x1/4", 50 pack	\$ 19.40
AW-025	Basswood 24", 1/4"x1/4", 500 pack	\$ 168.25
AS-038	Basswood 24", 3/8"x3/8", 50 pack	\$ 28.50
AW-038	Basswood 24", 3/8"x3/8", 500 pack	\$ 275.00
AS-012	Basswood 24", 1/2"x1/2", 50 pack	\$ 40.50
AW-012	Basswood 24", 1/2"x1/2", 500 pack	\$ 390.00
AS-034	Basswood 24", 3/4"x3/4", 50 pack	\$ 52.50
AS-001A	Basswood 24", 1"x1", Each	\$ 1.60
AS-001	Basswood 24", 1"x1", 10 pack	\$ 15.40
AS-002A	Basswood 24", 2"x2", Each	\$ 5.25
AS-002	Basswood 24", 2"x2", 10 pack	\$ 49.99
AS-111A	Basswood 24", 1/8"x3", Each	\$ 1.60
AS-111	Basswood 24", 1/8"x3", 10 pack	\$ 14.80
AS-222A	Basswood 24", 1/4"x3", Each	\$ 1.99
AS-222	Basswood 24", 1/4"x3", 10 pack	\$ 19.70
AS-333A	Basswood 24", 3/8"x3", Each	\$ 2.40
AS-333	Basswood 24", 3/8"x3", 10 pack	\$ 22.45
AS-444A	Basswood 24", 1/2"x3", Each	\$ 2.99
AS-444	Basswood 24", 1/2"x3", 10 pack	\$ 28.45

### Special note to our valued balsa customers

Market forces and Balsa prices:  
If you are on this page, chances are I do not have to tell you how great Balsa Wood is for strength vs. weight and ease of trimming. These are the properties that attracted the giant wind generator industry to balsa, and as a consequence, skewed the market by using up a significant portion of the raw material, creating a shortage and forcing the price to rise considerably. The solution: use Basswood instead. True, it comes in 24 instead of 36-inch lengths, but it is price stable, and strong.

### Laser engraving stock BALTIC BIRCH PLYWOOD

1/8 (3mm) x 12 x 24 # BBP-3  
PLY \$5.75 ea.

Beautiful BB/B grade Baltic Birch is ideal for laser engraving, CNC router, and precision scroll saw work.



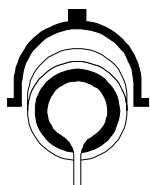
### BRIDGE BUILDING KITS

EVERYTHING YOU NEED TO BUILD UP TO 25 BRIDGES.

BB-25A... BALSAM BRIDGE PACK...\$83.99

BB-25B...BASSWOOD BRIDGE PACK...\$88.50

Classroom pack let's every student explore the basics of structural engineering. Included in the kit are 400 pieces of 1/8" x 1/8" x 36" balsa strips, 25 student instruction sheets, 25 grid sheets, 2-16oz. bottles of white wood glue, 25 empty glue vials with caps, 25 single edge razor blades, 50 toothpicks for glue, 1 Bridge design and construction booklet.



## PEWTER CASTING

### LEAD FREE PEWTER #LFP-37

\$19.99 / LB.

Use for most pewter / jewelry applications. This material has a great silvery shine and is not too brittle. Contains Tin (97%), Antimony (2%), Copper (1%). The best of all our metals!

### LEAD FREE CASTING METAL

#LFM \$21.50 / LB.

Tin. A malleable, silvery metallic element obtained chiefly from cassiterite. It is used to coat other metals to prevent corrosion, and forms part of numerous alloys, such as soft solder, pewter, type metal, and bronze. Atomic number 50, atomic weight 118.69, melting point 231.89C. High detail in all casting projects.

### ROYAL CROSS PEWTER

#RC-1652 \$21.75 / LB.

**LEAD FREE.** A specialty pewter for making useful objects such as spoons, thimbles, goblets, gears, and letter openers. Royal Cross Pewter is hard, silvery, and casts well. 95% Tin, 4% Antimony, 1% Copper. A formula based on the pewters of historic England.

DELUXE CASTING METAL #DCM-12 \$14.66/ LB.

(CONTAINS LEAD) Great looking, lead based, high tin ornamental casting metal. Compatible with metal or high temp. Silicone molds. Not for making toys. Tin 60%, Lead 34%, Antimony 6%.

CASTING METAL # CM-18 \$9.99 /LB.

(CONTAINS LEAD) casting metal for hard, clean castings. Tin 10%, Lead 82%, Antimony 8%.

99% LEAD #CM-99 \$6.99



**Screwdriver Handle Mold for Pewter** #CA-01  
Aluminum mold for casting a pewter handle around a 1/8" dia. Screwdriver blade. Excellent project! \$84.95

**Corn Holder Mold for Pewter** #CA-11  
Aluminum mold for casting ergonomic handles for hot corn on the cob. Uses 2 small nails. \$84.95

### Lee Precision Melter

#1903 \$49.95

4 lb. (lead) capacity electric melter

with thermostat. Suggested pewter setting 5.2 - 5.7 for silicone molds. 110vac, 500W.



### Economy Pouring Ladle

#1907 \$9.95

Lightweight and easy to use with generous capacity to fill most molds in a single pour. The perfect companion to the 1903 Lee Lead Melter.



### Hot Pot 2 - melter

#1892 \$55.00

Electric ladle melts and pours from a single unit. Cast iron pot holds 4 lb. Lead (3.4 lbs pewter). 120vac. 500W.



### Production Pot IV #1901 \$79.95

An efficient bottom pouring furnace originally designed for melting lead and pouring directly into molds such as the sinker/jig gang style molds. Clearance under spout is about 4". 110vac, 500W.



See page 15 for Lee ingot mold

# SUPER GLOSS

*Create a smooth and seamless plastic coating over countertops, tables!*

## Clear tabletop resin



**Gallon Kit**  
(1/2 gallon  
each A & B)  
**\$59.99**

**2 Gallon  
Kit \$109.00**



Super Gloss copolymer resin is a 2 part extra thick coating that flows beautifully over flat or round surfaces. Mix equal parts well in a clean container and apply with a brush or flood directly on to your project. Before the resin starts to cure, remove all the trapped air bubbles by treating the surface with a loose flame from a hand held propane torch. If the open flame makes you squeamish, a heat gun, hairdryer, or for small projects just blow through a straw, all the bubbles disappear. Keep your project in a warm, dustless environment for a tack free finish in 12 hours. After about 72 hours, the surface may withstand light use. Super Gloss is UV stable to resist yellowing and crazing. IASCO resinal pigments may be used to tint Super Gloss from its original clear appearance. Due to the excellent chemical resistance of Super Gloss, several non-standard applications have met with success. Try Super Gloss to create a seamless, waterproof liner for darkroom sinks. Taxidermists and naturalists love Super Gloss for preserving specimens and simulating water.

Super Gloss is not recommended for outdoor applications.

## BRIDGE BUSTER KIT

**#BBK-63 \$49.99**

Test the bridges you design and construct from balsa or basswood with the finished product from this unique kit. The BRIDGE BUSTER KIT consists of heavy duty steel parts that you assemble and mount to any 3/4" plywood base.

A procenium style assembly with all the fittings to accomidate the threaded rod of downward force that slowly, incrementally, with inexorable progress, adds more and more weight to the bed of your artfully constructed engineering masterpiece. You provide the scale of your choice and plywood base.

Kit contains:

- 2 steel vertical braces
- 1 horizontal top piece  
with threaded mount
- 1 threaded rod with handle
- 1 Instruction book

An extremely sturdy device for testing bridges made of basswood, balsa, toothpicks and macaroni.



# GLUE GUNS / GLUE STICKS



## Large Glue Guns

### Dual Temp Glue Gun

#DT-270...\$12.95

Uses 7/16" inch diameter glue stick.

### High Temp Glue Gun

#H-270...\$8.75

Uses 7/16" inch diameter glue sticks.

### Dual Temp Cordless Glue Gun...#CL-800...\$19.95

Uses 7/16" inch diameter glue stick.

Uses 7/16" inch diameter glue stick.

### Economy Low Temp Glue Gun

#L-270...\$9.95

3/pk...\$25.00...#GG-3425

Uses 7/16" inch glue stick.



## Glue Gun Pads

8"x8"...#6100...\$11.07



## Mini Glue Guns

### Low Temp Mini Glue Gun

#LT-160...\$3.95

Uses 5/16" inch glue sticks.

### High Temp Mini Glue Gun

#GM-160...\$3.85

Uses 5/16" inch glue stick.

## Large Glue Sticks 7/16"x4"

#725X...30pk.....\$5.36

#725C...100pk.....\$14.00

#725M...1000pk...\$129.00

## Mini Glue Sticks 5/16"x4"

#DT-25A...25pk...\$2.25

#DT-25C...100pk...\$7.95

# CHANEY ELECTRONICS KITS



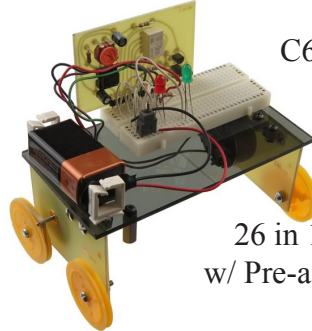
C6470  
Crazy Chirper Kit \$6.75



C3287  
LED Flasher Kit \$4.95



C6712  
TOWS Kit \$6.95

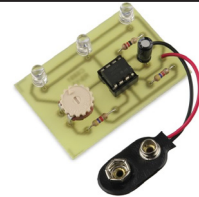


C6890 26 in 1  
Robotics  
Lab \$65.95

C6907  
26 in 1 Robotics Lab  
w/ Pre-assembled Parts  
\$82.95



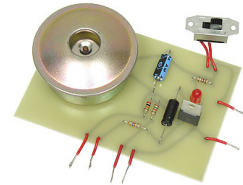
C6650  
SOLDER -  
HANDY TUBE  
ROSIN CORE SOLDER \$2.75



C6891  
BlinKer LED Flasher Kit \$6.25



C6652  
30 WATT  
PENCIL  
SOLDERING IRON  
Unit Price: \$7.75



C6280  
Burglar Alarm Kit \$10.50

## NICHROME WIRE



#NIC-D16..16ga...31ft....\$12.49  
#NIC-D20..20ga...80ft....\$13.50  
#NIC-D24..24ga...200ft....\$14.99  
#NIC-D26..26ga...325ft....\$15.50



**Soldering Iron  
Holder with  
Sponge**  
#830010...\$4.89

**Desoldering  
Bulb**  
#DS0084....\$6.95

# Snap Circuits



## SC-300R...\$103.95

*R =Includes: Student Manual and Teachers Guide*

The model SC-300 contains over 60 modular snap together parts that will allow students to build over 300 experiments. With an easy-to-read color manual, students can jump right in and start building projects that teach about motors, batteries, lamps, speakers, resistors, capacitors and switches

**Also available as:SC-300...\$63.95**

*\*Does not include Student Manual or Teachers Guide\**



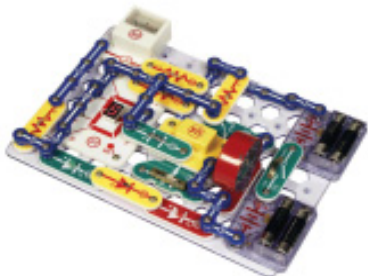
## SC-500R...\$154.95

*R =Includes: Student Manual and Teachers Guide*

The model SC-500 contains over 75 modular snap together parts that will allow students to build over 500 experiments in electricity and electronics. The full color project book will make it a snap to construct projects related to transformers, relays, 7-segment LED displays, transistors and diodes. Also learn about series/parallel circuits, AM/FM radios, resistance and capacitance.

**Also available as:SC-500...\$94.95**

*\*Does not include Student Manual or Teachers Guide\**



## SC-750R...\$199.95

*R =Includes: Student Manual and Teachers Guide*

The Model SC-750 contains over 80 modular snap-together parts that will allow you to build over 750 experiments in electricity and electronics. Full-color project book to construct projects related to transformer, relays, generators, solar power, 7-segment LED displays,

**Also available as: SC-750...\$129.95**

*\*Does not include Student Manual or Teachers Guide\**

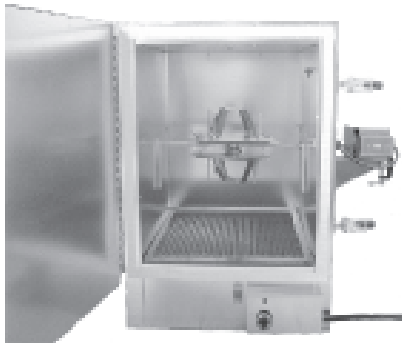


**Model 110#RO110...\$2100.00**

The model 100 oven is used with the rotational unit. Specifications:  
Dual rotational unit. Steel gear drive mechanism. Two universal mold holders. Ten RPM high torque 110 volt gear motor. Quick disconnect mold holders. The rotational unit may be removed from the oven so the oven may be used for other applications.

Inside dimensions  
18"x15"x15"

Rating 110 volts,  
1000 watts

**Model 210 #RO210...\$2275.00**

The model 200 oven is used with the rotational unit. Specifications:  
Dual rotational unit Steel gear drive mechanism. Two universal mold holders. 10 RPM high torque 110 volt gear motor. Quick disconnect mold holders. The rotational unit can be removed from the oven in seconds so the oven may be used for other applications.

Inside dimensions  
20"x22"x22"

Rating 110 volts,  
2000 watts

## POUR FOAMS

**2 lb. RIGID FOAM**

**RF-2Q..\$39.50 QT. Kit**

**RF-2G..\$169.00 Gal. Kit**

**RF-25G..\$495.00 (5) Gal. Kit**

**4 lb. RIGID FOAM**

**RF-4Q..\$39.50 QT. Kit**

**RF-4G..\$138.00 Gal. Kit**

**RF-45G..\$389.00 (5) Gal. Kit**

**14 lb. RIGID FOAM**

**RF-14Q..\$42.50 QT. Kit**

**RF-14G..\$154.00 Gal. Kit**

**RF-145G..\$629.00 (5) Gal. Kit**

**5 lb. FLEXIBLE FOAM**

**FF-5Q..\$29.99 QT. Kit**

**FF-5G..\$99.99 Gal. Kit**

**FF-55G..\$499.00 (5) Gal. Kit**

**4 lb. RIGID FOAM CFC FREE**

**RF-4CFCQ..\$39.65 QT. Kit**

**RF-4CFCG..\$155.00 Gal. Kit**

**RF-4CFC5G..\$399.00 (5) Gal. Kit**

CB2A...\$79.99...Football 9"

CB2B...\$69.50...Round Ball 3 1/2"

CB2C...\$69.50...Salt or Pepper...3"

CB2D...\$69.50...Monkey Bank

CB2G...\$66.95...Pig 6"

CB2H...\$67.50...Skull 4"

AA-42...\$49.50...Ball 3 1/2"

AA-43...\$39.00...Deck Hockey Puck

AA-62...\$49.75...Barrel Bank

AA-63...\$49.75...Can Holder 3"x3"

### IASCO SHOP OVEN

**Model 100**

**#AO100...\$1299.00**

Specifications:

Temp. 100 - 550 degrees F.

Inside dimensions 18"x15"x15"

Rating 110 volts, 1000 watts

Heavy 22 gauge galvanized in and out. Cal Rod heating element

Insulation 2" Board type material, Temp control, Dial type



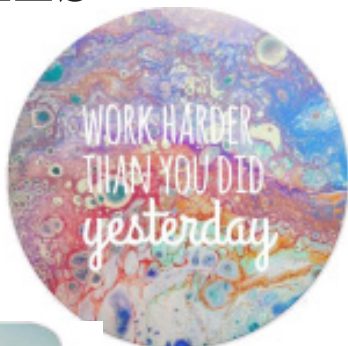
### Optional Equipment

**Forced Air Fan**

**#AO100F...\$275.00**

Forced air circulation, mounts on side of oven. Keep temps equal throughout oven. A must for plastics.

# MOUSEPADS AND IMPRINTABLES



**1/4" Rectangle Mouse Pad**  
(9.25" x 7.75")  
MP8095 Each...\$1.75  
MP8095-12 Dozen...\$20.40

**1/4" Round White Mouse Pad**  
(7.5" diameter)  
MPR Each...\$1.75  
MPR-12 Dozen...\$20.40

**1/8" Rectangle Mouse Pad**  
(8.5"x7")  
MP80951/8 Each...\$1.40  
MP80951/8-12 Dozen...\$15.60

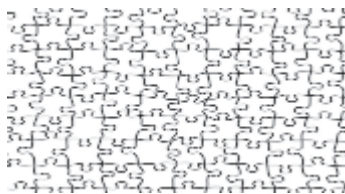


**Premium Hard Coated Mugs**  
**Solid White - 11oz.**  
Mugs are compatible with both  
Laser and Sublimation methods  
21108...\$3.75 Each  
21108-12...\$27.00 / 12  
21108-36...\$74.50 / 36

**1/8" Round Mouse Pad**  
(7.5" diameter)  
75R-8...\$2.00 Each  
75R-8-12...\$21.60 Dozen

**1/16" Rectangle Mouse Pad (5"x6")**  
MP5X6 Each...\$.80  
MP5X6-12 Dozen...\$8.40

**1/16" Round Mouse Pad**  
(5" diameter)  
MP5 Each...\$.80  
MP5-12 Dozen...\$8.40



**BPLZF30-5...\$19.00...Puzzle**  
**7.5" x 9.5", 30 pcs Pack of 5**  
30 Piece Jigsaw Puzzle for Sublimation  
Printing (5/pack)

Imprintable puzzles give you the freedom to create durable and mountable wall art out of your favorite photos and images. Not only can they be set with glue, framed and hung, but they can be also utilized for fun and personalized games! The gloss, white surface is ideal for vibrant sublimation printing results. Great for personalized gifts or just for crafty fun!



# HEAT PRESS & T-SHIRTS

## Geo Knight

9" x 12"

### Digital Swinger JetPress

#JP12...\$399.00

The JetPress 12 machine is a light duty, economical heat press perfect for the small-scale hobbyist. This heat press is ideal for ink-jet transfer paper, laser transfer paper, copier and sublimation iron-on transfer paper.

The JetPress 12 provides an amazing heat press for professional quality imprinting results, without the costs associated with commercial heat press equipment. The JP12 features a digital countdown timer, adjustable temperature control and temperature readout and adjustable pressure. This small heat press can apply several hundred pounds of clamping force with the minimum of operator effort. It provides far better pressure and temperatures than what a hand iron can deliver, at a fraction of the time.



## T-Shirts

50/50 cotton/polyester blend. White only.

Each...\$4.99

Dozen..\$49.95

Each-#SO1 Small, #MO1 Medium, #LO1 Large

Dozen-#SO2 Small, #MO2 Medium,

#LO2 Large

## InkJet 2 T Iron-On Transfer

Create stunning computer graphics on a T-Shirt using your InkJet Printer and InkJet 2 T transfer paper. 1)Design, 2) Print (backwards!), 3) Iron On.

It's truly that simple to create custom T-Shirts that are washable and ready to wear. 8.5" x 11" for light colored fabrics.

Transfer Temperature: 350 F-375 F for 15-20 seconds.

IJ2T-10 \$11.99 (10 sheets)

IJ2T-50 \$49.00 (50 sheets)

IJ2T-250 \$199.00 (250 sheets)



## WATER THIN SOLVENT CEMENT FOR ACRYLIC

Weld on 3

#3-04..4 oz...\$6.25

#3-16..16oz...\$12.99

#3-128..Gal...\$73.00

## MARBLES



9/16" SOLID COLOR MARBLES.

PART #	Color	PKG	PKG
# MWH	White	\$8.45/100	\$35.00/500
# MBK	Black	\$8.45/100	\$35.00/500
# MGR	Green	\$8.45/100	\$35.00/500
# MBU	Blue	\$8.45/100	\$35.00/500
# MRD	Red	\$8.45/100	\$35.00/500
# MYE	Yellow	\$8.45/100	\$35.00/500

## Gravity Convection & Air Forced Ovens

Temperature range to a maximum of 450°F

20GC	13x13x13	\$575.00
30GC	18x16x12	\$695.00
40GC	18x21x14	\$825.00

20AF	13x11x13	\$845.00
30AF	18x14x12	\$955.00
40AF	18x19x14	\$1075.00



**QUINCY LAB**

**Bench Ovens**  
Used for plastisol, drying, baking finishes

- 21-250** Inside Dimensions 25.5 W X 20 H X 24D
- 21-350** Inside Dimensions 25.5 W X 20 H X 24D
- 51-550** Inside Dimensions 25.5 W X 20 H X 22.5D
- 31-350** Inside Dimensions 25.5 W X 30 H X 24D

- FAN FORCED AIR CIRCULATION
- SHEATHED ELEMENTS
- MINERAL WOOL INSULATION
- ALUMINIZED STEEL INTERIORS
- GASKETED DOORS
- PIANO TYPE DOOR HINGES
- HIGH/LOW HEAT SWITCH
- FULL 18 MONTH GUARANTEE

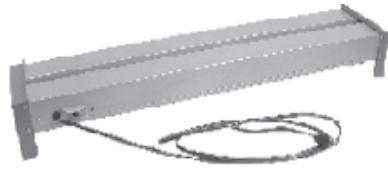
- Temps to 149C/300F...\$1400.00
- Temps to 225C/437F...\$1450.00
- Temps to 287C/550F...\$1575.00
- Temps to 225C/437F...\$1675.00

## HOT WIRE FOAM CUTTER



**Hot Wire Cutter Item #37080**  
**THERMOCUT 115 \$149.00**  
110 - 120V AC / wire temp: 210°F - 390°F  
**Spare Cutting Wire #28080 \$28.00**

## Quincy Lab Strip Heaters



**#03-160...\$139.00**  
Working area 12" x 7".  
125 watts. 9.2 amps. 115 volts.

**#13-160...\$159.00**  
Working area 21"x7"  
200 watts 115 volts, 1.73 amps.

**#23-160...\$185.00**  
Working area 33"x7"  
375 watts, 115 volts, 3.26 amps.

Black heat, low watt density, incoloy sheathed element for heat source. Covers are heavy gauge steel, with baked on enamel.

## DOWELS



Size	Per 100	Each
1/8"	\$15.99	\$0.25
3/16"	\$17.99	\$0.32
1/4"	\$23.50	\$0.36
5/16"	\$28.99	\$0.38
3/8"	\$33.99	\$0.41
7/16"	\$45.99	\$0.55
1/2"	\$55.99	\$0.60
5/8"	\$79.99	\$0.88
3/4"	\$107.99	\$1.25
7/8"	\$119.99	\$1.33
1"	\$127.99	\$1.44
1-1/8"	\$144.99	\$1.75
1-1/4"	\$239.99	\$2.75
1-1/2"	\$333.99	\$4.00

**HARDWOOD DOWELS**

# EXPANDABLE BEADS / MOLDS

**Skull Mold**  
CB2H  
\$67.50  
4" tall



**Frog Mold**  
AA-49...\$49.00  
4"



**Pig Mold**  
CB2G...\$75.95  
6" tall

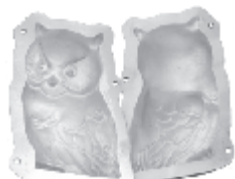


**Morning Dove Decoy**  
AA-39...\$59.50



## POLYSTYRENE EXPANDABLE BEADS

These beads have a limited shelf life of 6 months. Refrigeration is recommended to extend the shelf life.



**Owl Mold**  
AA-48...\$41.50  
6" tall



**Fishing Float**  
AA-6...\$59.99  
1 1/2" ball

**Polystyrene expandable beads** are imbued with a gas content at the factory. This harmless gas expands when heated. In the process of expansion the brittle styrene bead fractures internally. The net result is a white styrene foam with flotation and impact resistant properties widely used in industry for protective packaging. Expandable beads are shaped into useful objects by containing the expanding bead in an enclosed metal mold. At 200°F the gas causes the catastrophic fracture while at around 205°F the surface of the bead begins to melt and become sticky. This sticky surface in combination with the expansion within the enclosed mold results in formation of a solid block of foam. Boiling water is the preferred expansion method since it does not exceed 212F. Oven expansion in an imprecise oven may actually overheat and liquefy the entire bead mass which would defeat the desired result by collapsing the foam.



**Dice Mold**  
AA-30...\$63.30  
2" cube



**Ball Mold**  
#CB2B...\$69.50  
3 1/2" dia.



**Hollow Duck**  
205B...\$130.00



**Economy Duck**  
#36...\$89.00

#EXB5 5 lb. \$19.50  
#EXB25 25 lb. \$92.25



**Goose Mold**  
AA-18...\$205.50  
Head only \$69.00



**Football Mold**  
AA-5...\$69.00  
5" length



**Oversize duck**  
AA-19...\$139.00  
Head only...\$44.00

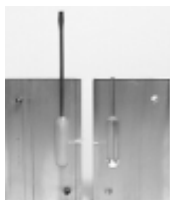


## DUCK DECOY PAINTS

#DP-Mal...\$53.19..Mallard. 10 colors for 24 decoys.  
#DP-PIN...\$44.99..Pintail. 10 colors for 24 decoys.  
#DP-CAN...\$44.99..Canadian Goose. 6 colors for 24 decoys.

# INJECTION MOLDS

**IAPCO NO.1**  
SCREWDRIVER  
HANDLE MOLD  
\$79.00



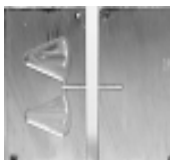
**IAPCO NO.2**  
CHECKER MOLD  
\$79.00



**IAPCO NO.3**  
POKER CHIP  
\$79.00



**IAPCO NO.4**  
GUITAR PICK MOLD  
\$79.00



**IAPCO NO.5**  
KEY FOB MOLD  
\$79.00



**IAPCO NO.6**  
FURNITURE GLIDE  
(TACK BUMPER)  
\$79.00



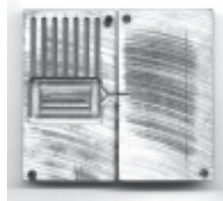
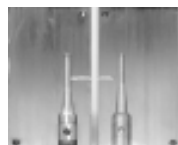
**IAPCO NO.7**  
PAPER CLIP MOLD  
\$79.00



**IAPCO NO.8**  
BULLETIN BOARD  
TACK MOLD  
\$79.00



**IAPCO NO. 9**  
GOLF TEE MOLD  
\$79.00



IAPCO # 32  
Comb Pick Mold  
\$65.00

## PLATED STEEL SCREWDRIVER BLADES

**#SDB-01S \$29.00\100**  
1/8"DIA.x3.5"LONG  
STANDARD BLADE

**#SDB-02P \$33.50\100**  
1/8"DIA.x3.5"LONG  
PHILLIPS BLADE

## PLATED BRADS

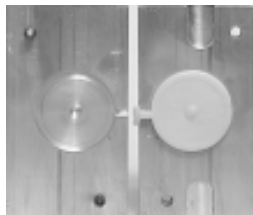
**#PB-01 \$6.00 \ 100**  
USE WITH IAPCO NO.11



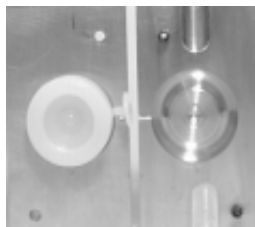
**IAPCO NO.11**  
CORN HOLDER MOLD  
\$79.00



**IAPCO NO.13**  
SPINNING TOP MOLD  
\$79.00



**IAPCO NO.16**  
CO2 DRAGSTER  
FRONT WHEEL MOLD\*  
\$79.00



**IAPCO NO.17**  
CO2 DRAGSTER  
REAR WHEEL MOLD\*  
\$88.50

\*#16 & #17 MOLDS REQUIRE  
AT LEAST A 2/3oz. MACHINE  
AND USE LOW DENSITY  
POLYETHYLENE ONLY.



**IAPCO NO.30**  
KEY FOB MOLD  
\$79.00

## Mold Blanks - Aluminum

To machine your own molds!  
Blanks are pinned and square  
Standard size: 4" L x 2.25" H x 1" D  
#CA-38 \$40.00

Medium size: 6-1/2" L x 3"H x 1.5"D  
#CA-29B \$70.00  
Large size: 6-7/8"L x 3"H x 2"D  
#CA-49 \$79.00

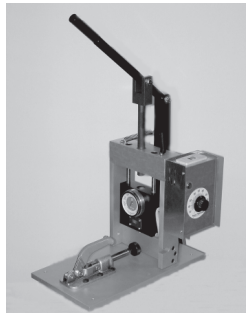
# INJECTION MOLDING MACHINES

## *The Most Popular Injector for Middle School* #66M Manual Injection Molder \$1294.00

A simple to use unit for demonstrating the process of hands on injection molding. Use IASCO pellets of styrene, polyethylene, or polypropylene to manufacture a wide variety of solid plastic objects from our precision machined aluminum molds.

Features: Over-center mold clamp, Teflon coated ram & heater block. GFI safety switch. Electronic heat control. 1 year limited parts & labor warranty. Capacity: 2/3 ounce. Power: 110 VAC.

Includes: Purge block, Filler tool, Operation Manual, Wooden shipping crate.



## #75A Technotron \$2259.00 3/4 ounce Air Powered Injection Molding Machine

Industrial quality components through out, precision construction and user friendly controls make this unit an exceptional value. 110vac, 700 watts.

Specifications:

Capacity - 3/4 ounce

Compatible Plastics - Use IASCO

Polystyrene, Polyethylene,  
or Polypropylene pellets

Mold size: 4 x 2.25 x 1

110VAC - 700W

Air Input - Quick Disconnect

Electronic Heat Control

Regulator - 2 lbs./click



## Megatron #110A \$2499.00

### 1.1 ounce Air Powered Injection Molding Machine

Specifications:

Capacity - 1.1 ounce

Compatible Plastics - Use

IASCO Polystyrene, Polyethyl-  
ene,  
or Polypropylene pellets

Mold size: 4 x 2.25 x 1

110VAC - 1100W

Air Input - Quick Disconnect

Electronic Heat Control

Regulator - 2 lbs./click



## Ultron #220A \$3499.00

Specifications:

Capacity - 2.0 ounce

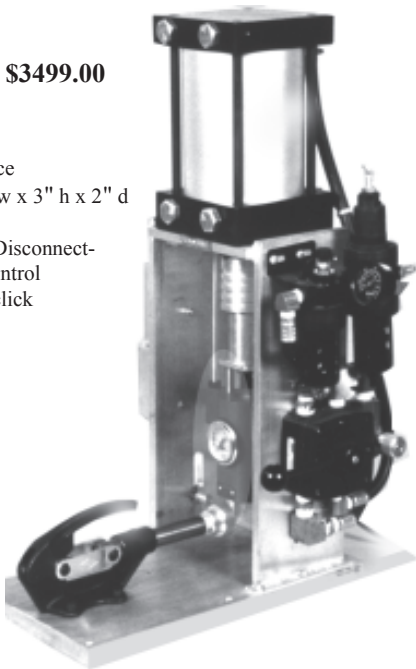
Mold Size: 6-7/8" w x 3" h x 2" d

110VAC - 700W

Air Input - Quick Disconnect-

Electronic Heat Control

Regulator - 2 lbs./click



## X-Tron #300A \$4699.00

Mold size: 6.5" x 3" x 2"

An international success, the **300A** has proven invaluable to scientists, professors, and the medical appliance industry.

An extremely powerful industrial quality air cylinder combined with a removable mold stop imparts versatility and accessibility to custom mold configurations.

## Pigments for Polyester Resin

2oz. Jar will color one gallon of IASCO RESINAL or EZ CAST.

**\$6.95 each**

#PR-G...Green

#PR-R...Red

#PR-RB..Royal Blue

#PR-OD..Olive Drab

#PR-DG..Dead Grass

#PR-O..Orange

#PR-B..Brown

#PR-Y..Yellow

#PR-BB..Black

#PR-W..White



## Fiberglass Tape

9 ounce tape.

#FT20...2"....\$1.30/yd.

#FT25...2"....\$30.25/50yd.

#FT40...4"....\$1.45/yd.

#FT45...4"....\$42.25/50yd.

#FT60...6"....\$1.75/yd.

#FT65...6"....\$59.25/50yd.



## Transparent EZ-CAST Dyes

Colors; Red, Green, Yellow, Violet, Orange, Gold, Blue, and Pearlescent.

#TranDye...8pk....\$14.40

## Opaque Resinal Dye 1 oz.

**\$2.99 ea.**

OPD...6pk...\$14.40

OPD-BL..Black

OPD-B..Blue

OPD-R..Red

OPD-W..White

OPD-Y..Yellow

OPD-G..Green



## HOW TO: CATALYST

1) Add 12 drops per ounce or approx. 10cc catalyst per quart of resin.

2) Mix well.

3) Apply Catalyzed resin with natural bristle brush, roller, or spray.

4) Remember: **GEL TIME is 5-9 minutes.** Resin application must be completed before gel occurs.



# RESIN



*Catalyst furnished free*

## WW1 Resinal With Wax

#WW1-100 GAL: \$48.95

IASCO best grade polyester resin for shop and marine use. Use where a tack free finish is desired. Great for boats and cars. Directions: add 12 drops of catalyst per ounce of resin. Mix only as much as can be applied in 5-9 minutes. Mix well and apply with natural bristle brush (throw away) or roller. For best results use at 77°F.



*Catalyst furnished free*

## WOW2 (With Out Wax)

Polyester Resin

#WOW2-A \$45.99 /Gal.

Wax free resin requires less surface prep between laminations.

Identical in formulation to WW1, except wax **HAS NOT** been added as a surfacing agent.

This allows successive layers to be laminated without the need for sanding or strong solvents as a surface prep.

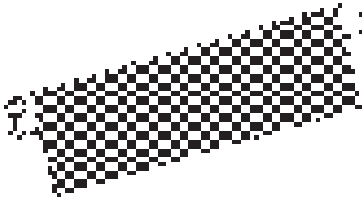
## EXTRA CATALYST

MEKP CATALYST - 2 oz. \$4.00

For polyester resins and gel cotes.

# FIBERGLASS

## KEYLAR CARBON FIBER



Resins (polyester or epoxy) by themselves offer little in the way of strength, flexibility, or impact resistance. It is ONLY when combined with fiber reinforcement that these desirable properties become evident. Through the process of fiberglass lamination structural integrity, waterproofing, and superior strength to weight ratios may be accomplished while creating unique as well as traditional configurations. As you laminate, strive for a high glass content to your lamination. Always test your technique on a small sample before undertaking large projects. The weight of fiberglass cloth is measured per square yard while the weight of fiberglass mat is measured per square foot. As with any yard goods, measure twice - cut once.

Weight	Width	Part #	Per Yard \$
<b>Fiberglass Cloth (E-Glass)</b>			
4 Ounce	50"	E4-50	\$8.99
6 Ounce	38"	E6-38	\$8.50
6 Ounce	60"	E6-60	\$8.99
7.5 Ounce	38"	E7-38	\$8.55
10 Ounce	50"	EX-50	\$12.00
20 Ounce	38"	EY-38	\$18.99
<b>Fiberglass Mat (E-Glass)</b>			
3/4 Ounce	38"	M3438	\$4.25
1 1/2 Ounce	50"	M1538	\$6.75
2 Ounce	50"	M2038	\$7.50

### Woven Roving

18 Ounce	50"	ER-50	\$9.99
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### Kevlar 49

5 Ounce	50"	KEV-500	\$26.50
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### Kevlar Tape

5.1 Ounce	2"	6031	\$4.75
5.1 Ounce	3"	6032	\$5.75

### Carbon Fiber Cloth

5 Ounce	50"	2466	\$45.95
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### S- Glass

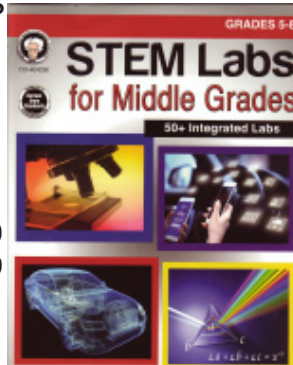
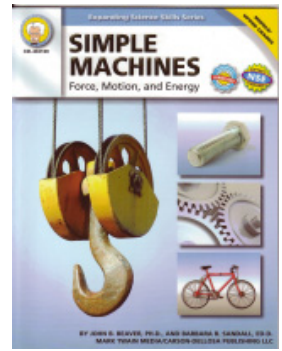
5.6 Ounce	30"	4533	\$12.99
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# STEM BOOKS



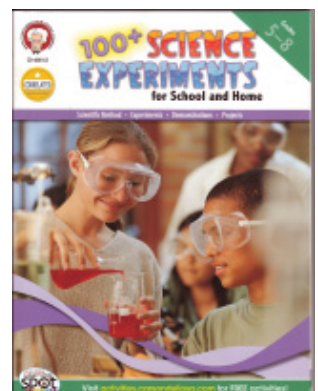
Just the Facts:  
Earth Science  
#104135  
\$16.50

Simple  
Machines  
#404120  
\$7.00



Stem Labs  
for Middle  
Grades  
#404250  
\$ 8.45

100  
Science  
Experi-  
ments  
# 404163  
\$13.99



# CUPS AND GLOVES

**10 OUNCE  
GRADUATED  
CLEAR  
PLASTIC  
MEASURING  
CUPS**

25 cups per sleeve  
#CUP-25 \$6.25



**100 DISPOSABLE GLOVES**  
LATEX GLOVES #8002 \$7.75  
VINYL GLOVES #PV34 \$7.25  
BLUE NITRILE #NDEX \$13.25  
POLY-D #P23 \$5.95



Latex



P  
O  
L  
Y  
D



Vinyl



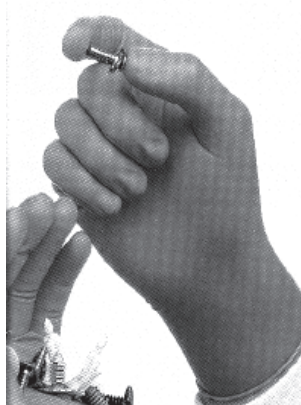
**16 ounce "Barium"  
Measuring Cups** #BC16 \$ 23.50  
Sleeve of 50 handy graduated paper cups.



Disposable and handy...

**7 oz. Mixing Cup** (coated)  
#BL7 (100 count) \$9.99  
#BL7M (1000 count) \$80.00  
**9 oz. Mixing Cups** (coated)  
#BL9 (100 count) \$13.99  
#BL9M (1000 count) \$110.00  
**16 oz. Mixing Cups**  
#BLP (100 count) \$39.15  
#BLPM (1000 count) \$371.50

**32 oz. Mixing Cups**  
(uncoated)  
#BLQ (10 count) \$5.90  
#BLQC (100 count) \$49.00  
**96 oz. Chicken Buckets** (uncoated)  
#BUCK (10 count) \$24.22  
#CLUCK (100 COUNT) \$230.00



The original disposable

## BLUE NITRILE GLOVES

out perform normal vinyl or latex gloves in puncture and abrasion resistance as well as chemical resistance and tactile sensitivity / dexterity. The new industry standard for puncture protection and safety, NITRILE gloves offer increased comfort by keeping hands cooler than latex gloves. Sizes: S, M, L, XL

**100 Per Box \$13.25 / 100**

**3 oz.  
Measuring  
Cup**

#2503 (100) \$7.25  
#253M (1000) \$62.50





## Release Agent for Polyurethanes

**Camie 980**  
**#980...\$16.90**  
**18oz.**



980 is a silicone release agent that is useful for rigid polyurethanes, epoxies, polyesters, TPR and other thermosetting resins.

No CFC or ODS

Use with EuroCast and Almond EuroCast. Works with most urethane foams and elastomers (Such as Por-a-Mold) on silicone, latex, metal, and polyurethane molds.



**STONER**

**STONER #S236 \$16.99**

Aerosol release for silicone molds when casting Eurocast.

Urethane Mold Release, Stoner S236 is specially formulated as a top quality release agent and anti-stick lubricant for molded urethanes and similar materials. Provides fast, easy part removal from molds and multiple part releases per application. Improves molding efficiency in many processes including injection, pour cast, and extrusion molding; light coating produces best results

## WAX RELEASE FOR FIBERGLASS



**Hi-Temp Wax #TR104 14 oz. can \$19.75**  
 This high quality paste wax will yield many mold cycles producing high gloss parts. A favorite of many high volume production shops.



**PARTALL Paste Wax #2**

**# PW-2 \$17.99**

This wax is primarily used in pattern-mold making and on the edges of production molds. A very effective release on a variety of substrates. A must when making non-gelcoated parts or molds. Made by Rexco, their tech department has excellent literature on application and trouble shooting. To be used in concert with Partall® Coverall Film, 1.5 pound can.



**#WX \$2.50**

The most important release is from your worktable! Work on a fresh piece of wax paper and avoid soak through spills. Cover surfaces to protect from overspray. **Wax Paper 12" x 75' roll.**

# RESIN FILLERS

## 3M Micro Balloons

#3MMA...1 Quart...\$8.95

Low density filler for resins. These tiny glass bubbles impart impact resistance and sand ability. A good non-moisture bearing filler for polyesters, epoxies and even some polyurethane resins. Density 5 pints per pound.

## Cab-O-Sill

#COS1..QUART \$7.25

Universal thickener compatible with most polyester, epoxy and gel cote resins. May also be used to thicken Latex mold making material. Mix 50/50 with balloons and add to resin to make a creamy paste.

## Chopped Fiberglass

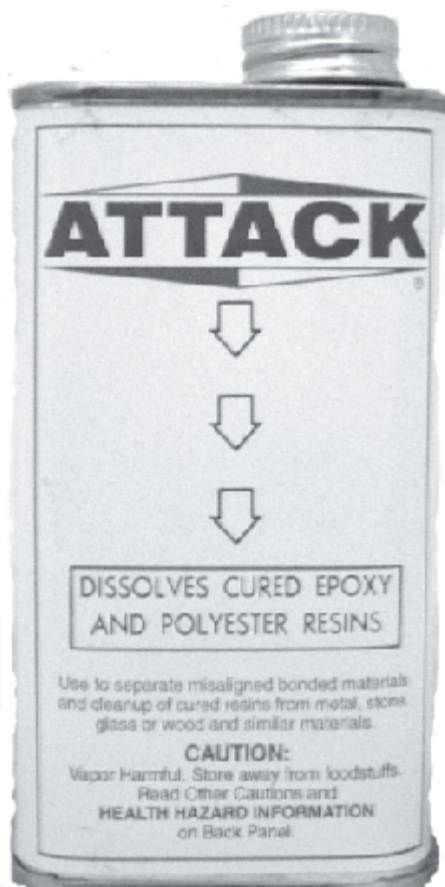
#CFS1...Quart...\$6.75

1/4 inch long strands add more strength than powders to your resin.

## Ground Fiberglass

#GFP1...Quart..\$9.00

Pure powdered fiberglass, free of clumps. Mixes well with resins to make a hard patching compound.



## Attack

#AK-80

8oz. \$11.99

Dissolves/Softens cured polyester and epoxy resins.  
Reclaim ruined tools!

## China Bristle Brushes

Size	Part #	\$ Each	Part #	\$ Dozen
1/2"	4010-A	\$0.49	4010-B	\$4.95
1"	4010-C	\$0.59	4010-D	\$5.95
1-1/2"	4010-E	\$0.69	4010-F	\$6.95
2"	4010-G	\$0.89	4010-H	\$8.95
2-1/2"	4010-I	\$0.99	4010-J	\$9.95
3"	4010-K	\$1.19	4010-L	\$11.95



# SPRAY MOLD RELEASE

**Product #:** 45712N \$7.99  
**Pure Eze Mold Release**  
**11.5-Oz.**

**Description:**

Non-silicone paintable. An excellent all-purpose release. Neutral white-oil-based release. No lecithins. Won't turn color or turn rancid. Use with all thermo plastic resins, polyolefins, polycarbonates, rubber and some epoxies.

expandable  
beads



**Product #:** 44312 \$9.95  
**Slide Silicone Water-Based 12-Oz.**

**Description:**

CFC-free and chlorine-free. No VOC's. Biodegradable. Colorless and non-staining. The E/S Formula is a breakthrough in mold release technology and is the most effective release known for most mold and plastic applications. Works well on molds 130° F. and above.



Blow Molding



**SLIDE DURA-KOTE**  
**#41712**

Solvent-free dry formulation  
 Semi-permanent release for urethane & epoxy molding  
 Curable silicone oil (can be baked or air dried onto the mold surface)

Paintable when baked on  
 Excellent mold release for rotational molding  
 Maximum operating temp:  
 600F / 315C

**Product #:** 40112N \$9.99  
**Slide Silicone Mold Release 12-Oz.**

**Description:**

FDA Approved lubricant. No ozone depleting chemicals. Faster molding and more production. Eliminates rejects. Heat stable and non-toxic. Approved for food machinery. Lubricates.



**Product #:** 40510 \$6.75  
**Slide Econo-Spray 1 (14-oz.)**

**Description:**

Non-paintable silicone. No ozone depleting chemicals. No methylene chloride. No chlorofluorocarbons (CFC's). Contains a highly effective, non-paintable silicone fluid in a chlorinated solvent carrier system. It will give an excellent release with all thermoplastics, but is not recommended for polycarbonates. Pretest on all resins.

## EZ-Cast in glass or ceramic molds

**Product #:** 42612 \$10.99  
**Slide Universal Mold Release 12-Oz.**

**Description:**

Non-silicone paintable. No ozone depleting chemicals. FDA approved lubricant. Use where parts must be painted, hot-stamped or metalized. Biodegradable and odorless.



**Product #:** 40710 \$6.99  
**Econo-Spray 2 (14-oz.)**

**Description:**

Paintable. No ozone depleting chemicals. No methylene chloride. No chlorofluorocarbons (CFC's). Econo-Spray 2 is a paintable release in a chlorinated solvent carrier system. It permits post-decorating of molded parts without prior cleaning. Pretest on all resins.



## EZ-Cast in Poly Molds

**Product #:** 41212N \$9.98  
**Slide Silicone Free Water-Soluble Mold Release**  
**Description:**

Non-silicone paintable. No ozone depleting chemicals. Permits ultrasonic welding of parts. No removal necessary. Does not contain water. Water Soluble release permits complete cleaning of molded parts with water.



**Product# 45812H \$7.99**  
**Slide Urethane Mold Release**

**Description:**

For rigid, semi-rigid and flexible urethane foams, Release Oil designed especially for polyurethanes, Non-paintable silicone formulation, non-marking, no chlorinated solvents.

# EUROCAST



## ODOR FREE CASTING RESIN

This is a fast setting, high detail polyurethane casting resin that is absolutely odor free. Simply mix the two components equally in a cup and stir for 20- 30 seconds, and then pour into your mold. Demold in 15 minutes. Eurocast may be colored using our plastisol pigments (add pigment before combining eurocast components). Eurocast may be sanded, drilled, and machined once it is fully cured. Always use adequate ventilation when using any urethane. Shelf life in unopened cans is about 3 months.

Color: white

### Featured Project: Giant Clothes Pin.

Suggested applications:

Anatomical models, anthropological replicas, clocks, electronic potting compound, foundry patterns, graphics models, jigs and fixtures, miniatures, pistol grips, taxidermic replicas, toy models, training aids, vacuum forming molds, wall plaques wood carving reproductions.

**Eurocast Quart kit (1 pint ea. A&B)**

#EU-32 \$19.95

**Eurocast Gallon kit (2 qt. ea. A&B)**

#EU-28 \$73.95

# ALMOND EUROCAST



## OIL FREE PAINTABLE SURFACE

Almond Eurocast is a fast setting, high detail polyurethane casting resin. Use it as you would standard white Eurocast, with a one to one ratio for quick setting low odor casting projects. Almond Eurocast is a warm tan in color making it an ideal base for models as well as simulated ivory or bone carvings. Strong and machinable, with a hardness of 70 (Shore D), Almond eurocast presents an oil free surface that is ideal for post cure painting. Almond Eurocast may be pigmented using IASCO plastisol pigments (in moderation) to create an imbedded color scheme conducive to a highlighting or antiquating processes. Always use adequate ventilation. Featured Project: Giant Clothes Pin Shelf life in unopened cans is about 3 months, do not freeze.

**Almond Eurocast Quart kit**

(1 pint ea. A&B) #AU-32 \$18.95

**Almond Eurocast Gallon kit**

(2 qt. ea. A&B) #AU-28 \$56.50

# EUROCOLOR

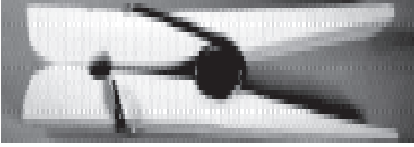
## NEW EUROCOLOR PIGMENT FOR EUROCAST CASTING RESIN

Super dense EUROCOLOR pigment for Eurocast and Almond Eurocast may be applied up to 5% for best effect. Add to light side of Eurocast/Almond eurocast before combining the 2 part urethane components. As always mix well and stand back! Working time of eurocast is very short, but so is the cure time. Demold in as little as 15-20 minutes.

4 ounce bottles. \$12.95 ea.

Black (#XT41), Brown (#XT42), Green (#XT43), Green (#XT44), Orange (#XT45), Red (#XT46), Yellow (#XT47), Blue (#XT48)

## Giant Clothes Pin Project



Objective: Demonstrates the basic procedure of resin casting.

Materials required:

Giant Clothes Pin poly mold # PMB-13  
(\$3.99)

4 ounces casting resin

paper measuring cup

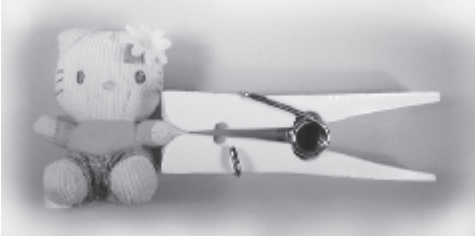
stir stick (box of 1000 #CS-1000 \$8.95)

BS-55 giant clothes pin spring (\$99 per bag of 90)

Safety glasses or goggles

Eurocolor pigment for Eurocast

Disposable gloves



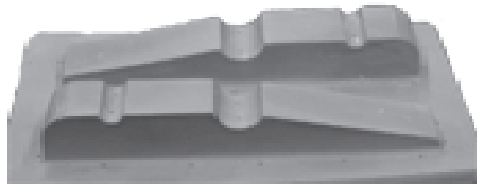
### Procedure:

- 1) Level poly mold to ensure a complete fill to both cavities.
- 2) Prepare to mix and pour either of the Euro resins immediately after combining the two components. If you are adding pigment, add it to one side in the cup first, before adding the other side of the 2 part system. Euro resins set up FAST and you only have about 30 seconds to stir (furiously) with the stick before you must pour carefully into the mold.
- 3) Into the paper measuring cup pour a total of 4 ounces of resin (2 ounces A plus 2 ounces B - Eurocast or Almond Eurocast)  
**or**  
4 ounces EZ Cast and 12 drops per ounce of MEKP hardener {48 drops total per 4 oz.}.
- 4) Mix well and pour into mold, filling both cavities evenly and completely. Each cavity is 2 ounces exactly, so if you overfill one you will be short on the second.
- 5) Resist the temptation to poke, jiggle, or move the castings in the mold until they are completely cured. (5-10 minutes for Euro resins, up to 4 hours for EZ Cast).
- 6) Demold, sand sharp edges, and mount the two halves in the BS-55 brass spring.



STONER #S236 \$16.99

Urethane Mold Release, Stoner S236 is specially formulated as a top quality release agent and anti-stick lubricant for molded urethanes and similar materials. Provides fast, easy part removal from molds and multiple part releases per application. Improves molding efficiency in many processes including injection, pour cast, and extrusion molding. Economical - light coating produces best results



PMB-13

\$3.99

GIANT PAPERCLIP MOLD... 4 oz

BS-55  
\$99.00/90



BS-55

Spring for giant clothespin

**IASCO**  
**E-Z-CAST** CLEAR  
 CASTING  
 POLYESTER RESIN

# EZR-G GALLON CAN / includes 40cc Catalyst \$55.99

Water Clear casting resin for art, craft, scientific preservation, and commercial applications. Pre-promoted for a tack free finish. No special equipment required. IASCO E-Z-CAST can be poured in layers up to 1/2" thick for embedment. Compatible with polyethylene, polyurethane, latex, and silicone molds. Shrinkage is approximately 6%, but this may vary considering catalyst ratios and mass variations. Great for taxidermy, jewelry, potting, and museum applications. IASCO E-Z-CAST may be tinted with transparent pigments from the IASCO 8 PACK TRANSPARENT

DYE SET, or pigmented with the IASCO 6 PACK OPAQUE DYE SET.

Use 12 drops of catalyst per ounce of E-Z-CAST when poured at 1/4" thickness.

Shelf life when stored in a cool, dry place: 4-6 months. Catalyst shelf life: 3-5 months.



#### TECHNICAL DATA

Specific Gravity: 1.13  
 Weight/Gal.: 9.4 lb.  
 Viscosity, Brookfield, CPS.:620  
 Gel time at 77 F, 1% catalyst: 12 min.  
 Cure time: 40 min. to 4 hours  
**Properties of Cured E-Z-Cast**  
 Hardness-  
 Barcol impressor: 50-52  
 Rockwell M scale: 102  
 Flexural Strength, PSI: 15,600  
 Tensile strength, PSI.: 9,200  
 Elongation in tension (%): 2.0  
 Compressive Strength, PSI: 22,000  
 IZOD Impact Strength (Unnotched):0.2

#### Color EZ Cast With...

Transparent Dye Set  
 8-Pack #TD8... \$14.40  
 6 dram bottles - Red, Green, Yellow,  
 Violet, Blue, Orange, Gold, &  
 Pearlescent.

Opaque Pigment 6 Pack  
 #OPD... \$14.40  
 1 oz. bottles opaque pigment  
 Single bottle #OPC... \$2.99

**IASCO**

# MASS CAST CLEAR

## CASTING

## POLYESTER RESIN

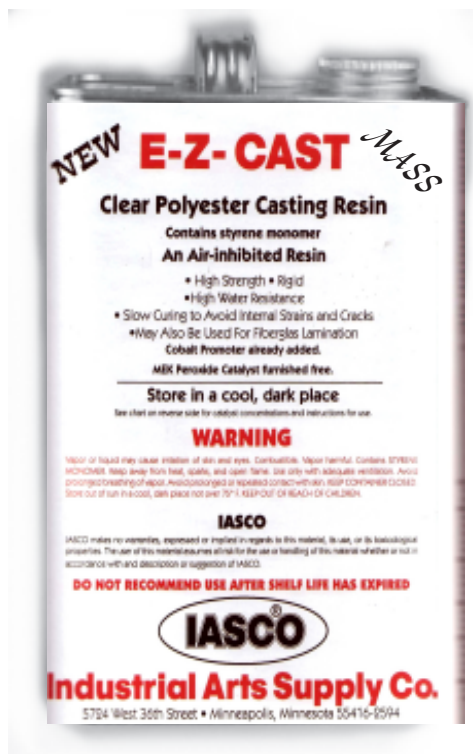
# EZM-G

**GALLON CAN / includes 40cc Catalyst \$56.95**

IASCO MASS CAST is a water clear casting polyester resin formulated to withstand the high heat and stress of thick section cure. It is possible to achieve thick section cure up to 8 inches cubed. The key to success with MASS CAST is in the catalyst ratio. Too much catalyst, and the part will crack and burn (polyester resins can generate up to 330 F. at peak exothermic reaction), too little catalyst, and the surface will remain tacky.

#### **Guidelines for catalyst ratio (77F):**

1" thick pour - 10 drops catalyst per ounce of MASS CAST; 2" thick pour - 6 drops catalyst per ounce of MASS CAST; 3" thick pour - 5 drops catalyst per ounce MASS CAST; 4" thick pour - 4 drops catalyst per ounce of MASS CAST.



## HELPFUL HINTS

### FOR WORKING WITH IASCO

### E-Z-CAST AND MASS CAST RESINS

Optical clarity in a clear casting may be influenced by 1) surface texture, 2) air entrapment, or 3) embedment contamination. To achieve the maximum clarity possible, your mold surface must be smooth. Textured or rough surfaces may "frost" the surface and diminish clarity. Plate glass makes an excellent molding surface. Technique is the best way to reduce air entrapment. Pour the resin out of the can, and allow it to sit for about an hour, to liberate any trapped air. Then, add the proper amount of catalyst (12 drops catalyst per ounce of resin at 1/4" thick {E-Z-Cast}, or 4 drops catalyst per ounce at 4" thick {Mass Cast}), and stir GENTLY, minimizing any agitation that will reintroduce air into the mix. Pour gently into mold. For superior management of air bubbles, a pressurized chamber is used. An increase of 25-50 psi will create an environment that can not support a bubble in the resin. Pressure must be maintained throughout the cure cycle. Parting advice: Always use release agent, run a test sample, work with fresh material only, avoid contact with catalyst.

# POLY MOLDS \$3.99 EA



PMA-01  
SQUIRREL...3 oz



PMA-11  
ROAD RUNNER 4 oz



PMA-12  
MUSIC...1/2 oz



PMA-07  
BUNNY...4 oz



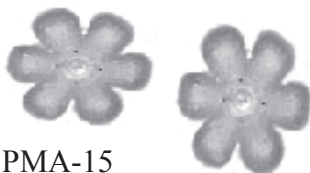
PMA-13  
SEA HORSE...2 oz



PMA-14  
SEA SHELL SOAP  
DISH...4 oz



PMA-08



PMA-15  
SMALL DECORA-  
TIVE FLOWERS  
1/2 oz each



PMA-17  
TURTLE CANDLE  
HOLDER..6 oz



PMA-09  
FISH...1 oz



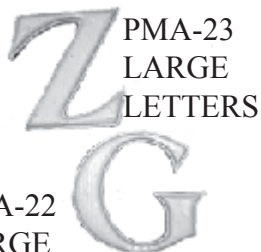
PMA-19  
ARROW HEADS  
6 EACH...1/2 oz



PMA-16  
EAGLE...4 oz

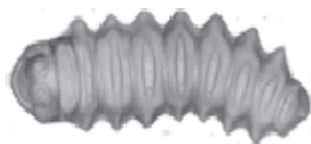


PMA-10  
GOLFTEE GAME..4 oz



PMA-22  
LARGE  
NUMBERS...8 oz  
(PLEASE SPECIFY)

PMA-23  
LARGE  
LETTERS



PMA-24  
HAPPY  
CATAPILLAR...8 oz



# POLY MOLDS \$3.99 EA



PMA-21  
ALLIGATOR CANDLE  
HOLDER...10 oz



PMA-03  
LOBSTER  
TRIVET ...6 oz



PMA-04  
OWL...3 oz



PMA-05  
CUB SPOON  
CADDY...5 oz



PMA-06  
PET FOOD DISH  
8 oz



PMA-18  
TURTLE SOAP  
DISH...3 oz



PMA-20  
CROSS...3 1/2 oz



PMA-02  
COMEDY &  
TRAGEDY  
2 oz each



PMA-30  
FOOTBALL  
PLAYER...5 oz



PMA-42  
MUSHROOMS...3 oz



PMA-33  
HOLLY CANDLE  
HOLDER...2 oz



PMA-28  
FUNNY GUYS...4 oz



PMA-44  
SCOTTY DOG  
BOOK END.6 oz



PMA-29  
ASSORTED BUTTER-  
FLIES...1 oz each



PMA-43  
DRAGONS...3 oz each

# POLY MOLDS \$3.99 EA



PMA-27  
DECORATIVE  
KEY...3 oz.



PMA-39  
PAPERWEIGHT...5 oz



PMA-45  
MUSIC NOTES  
4 EACH  
1 oz each



PMA-31  
DAISY...2 oz



PMA-34  
CANDLE  
HOLDER...3 oz



PMA-35  
CARTOON  
TURTLE...4 oz



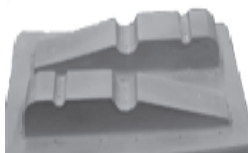
PMA-38  
BASEBALL  
PLAYER...3 oz



PMA-37  
SOAPDISH...



PMA-40  
ASSORTED  
LEAVES...1/2 oz each



PMB-13  
GIANT PAPERCLIP  
MOLD... 4 oz

787 Alabama  
788 Alaska  
789 Arizona  
790 Arkansas  
791 California  
792 Colorado  
793 Connecticut  
794 Delaware  
795 Florida  
796 Georgia  
797 Hawaii  
798 Idaho  
799 Illinois  
800 Indiana  
801 Iowa  
802 Kansas  
803 Kentucky  
804 Louisiana  
805 Maine  
806 Maryland  
807 Massachusetts  
808 Michigan  
809 Minnesota  
810 Mississippi  
811 Missouri  
812 Montana  
813 Nebraska  
814 Nevada  
815 New Hampshire  
816 New Jersey  
817 New Mexico  
818 New York  
819 North Carolina  
820 North Dakota  
821 Ohio  
822 Oklahoma  
823 Oregon  
824 Pennsylvania  
825 Rhode Island  
826 South Carolina  
827 South Dakota  
828 Tennessee  
829 Texas  
830 Utah  
831 Vermont  
832 Virginia  
833 Washington  
834 West Virginia  
835 Wisconsin  
836 Wyoming



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# CLIP BOARD CLIPS

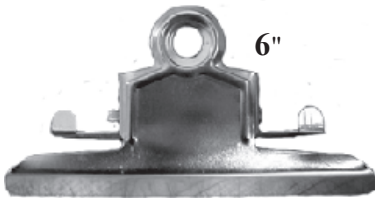
4.5"



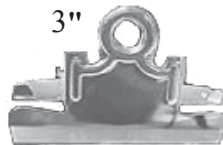
**The Executive Clip**  
**4 1/2" Low Profile**  
 #EXEC-1 \$1.40  
 #EXEC-100 \$110.00

**6" Standard Clip**

#CB6-1 \$1.49  
 #CB6-100 \$129.99



3"



**3" Standard Clip**  
 #CBC-2 \$1.39  
 #CBC-200 \$115.00

**SPRAY CAN TRIGGER**



**\$2.95**  
**#CHS**

**Hardware Only Kit**  
 choice of hinge size  
**#HOT \$4.95 EA.**

## NOW SPRAY PAINT

215	Flat	White
217	Gloss	Wagon Red
205	Gloss	Hunter Green
206	Gloss	Sunshine Yellow
201	Gloss	Aluminum
208	Gloss	Cocoa Brown
207	Gloss	Royal Blue
213	Gloss	Black
212	Gloss	White
211	Flat	Black
214	Gloss	Clear
218	N/A	Gray

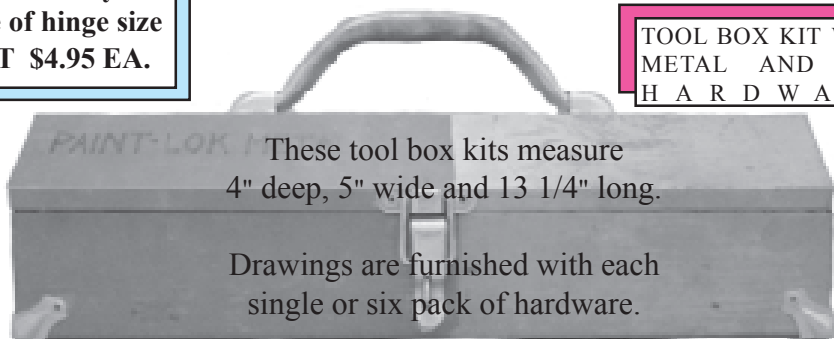
*A stable and fairly priced utility paint for shop projects!*

**\$2.99 / can**



**Paint Lok Metal #PLT \$12.50 EA.**

**TOOL BOX KIT WITH METAL AND ALL HARDWARE**



These tool box kits measure 4" deep, 5" wide and 13 1/4" long.

Drawings are furnished with each single or six pack of hardware.

## Pop Rivets

1/8" diameter  
 AL= Aluminum  
 ST= Steel  
 AL..100pk...\$8.50  
 AL..1000pk...\$79.50  
 ST..100pk...\$6.99  
 ST..1000pk...\$66.50

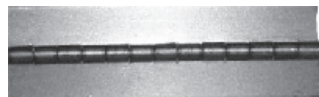
## Plastic Handle

Nickel plated fittings  
 Black plastic handle  
 #PL12... \$31.45 dozen  
 #PL144...\$319.00 gross



## Steel Handle

Nickel Plated  
 #SH12...\$17.95 dozen  
 #SH144...\$199.00 gross



## Continuous Hinges No Holes

All hinges are 1 1/16" wide when opened.  
 12" ...CH12.. \$ .46 ea  
 13 1/4" ...CH13..\$.56 ea  
 18" ...CH18..\$.72 ea  
 36" ...CH36..\$.125 ea

**Steel Catch Type One Nickel Plated**

#SCT1 \$ .65 each  
 #SCT112 \$7.50 dozer



**Steel Catch Type Two with hasp**

#SCT2... \$1.65 each  
 #SCT212... \$17.50 dozer



**Tool Box Corners #TCB1**  
 \$1.80..12pk.  
 \$13.00..100pk.

# PLASTER / LATEX / X-ACTO



## SCULPTAMOLD 3 LB. BAG #SCP-3 \$9.99

Sculptamold® is a dry, white, non-toxic compound that combines the best features of clay, plaster, and papier mache, does not shrink, and is durable for dioramas, 3-D sculptures, model railroad scenery and stage scenery.

One three-pound bag of Sculptamold® will make 141.75 cubic inches of solid material

## Dental Plaster

High Grade Industrial Plaster is extra hard and quick drying. An excellent general purpose casting plaster.

DP-5 \$3.25...5#

DP-50 \$20.75...50#

## Ultracal 30

Fine grain, harder than plaster, gray in color. Art and architectural applications.

UC-5 \$4.25...5#

UC-50 \$25.95...50#

## Hydrocal 11

Beautiful, fine grained and white. Ideal for any project. Highly recommended.

HC-5 \$4.50...#5

HC-50 \$28.99...50#

## Victory Brown style

### Sculpting Wax

#SS-30 \$38.99

10.5 Lb. Slab approx.

1.5" x 12" x 18".

Microcrystalline Wax. Fairly hard yet workable with hand tools. Very popular with sculptors and artists. Best for lost wax process or prototype for a rubber mold.



## FLEXIBLE LATEX

### MOLDING

### COMPOUND #242

#242-32 \$29.00 QUART

#242-128 \$89.00 GALLON

#242 latex is thick and rich with a creamy consistency that builds layers fast. Perfect for glove molds. #242 high latex content (60%) will meet your needs for a high quality, bush or dip latex molding rubber.



Crash course for anyone who has never made a latex mold.

## BOOK-

### How to Make Latex Molds

#BK-1520...\$5.99

## Felt

9"x12"...12 per pack

\$7.99 per pack

#277-0110...Black

#277-0115...Brown

#277-0120...Kelly Green

#277-0125...Light Blue

#277-0130...Orange

#277-0135...Pink

#277-0140...Red

#277-0145...Royal Blue

#277-0150...White

#277-0155...Yellow

#277-0157...Assorted

#277-0190...Tan

#277-0200...Purple



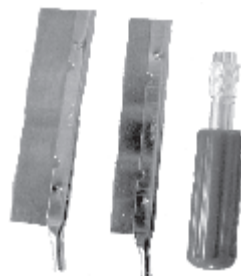
#3001...\$3.99

For light work. #11 blade and cap included.



#3002...\$4.50

For medium work. #2 blade and cap included.



## Precision Razor Saw

#75300...\$10.50



## FIREBIRD SAFETY GLASSES

#73401 \$2.09 EA.

POLYCARBONATE.



## Masterman's Nuisance Dust Mask

RXX-DUST...\$6.99

Non-rated, not NIOSH approved.

Packaged 50 each per box.

For use with non-toxic, nuisance dusts only.

Meets FFDCA requirements.

## RTV SILICONE RUBBER



### High Temp Silicone Rubber

#RTV-9120

**\$79.99 / 2 lb. kit**

RTV 9120 can be used to make molds for low temp metals such as lead free pewter. Pourable liquid cures at room temperature. Finished molds can withstand temps upto 600 degrees F. for short periods of time. 3120 has an (A Shore) durometer hardness of 60. Tensile strength is 600 PSI. Catalyst Included - 10:1 by weight.



#RTV E110

**\$77.99 / 2 lb. kit**

Two pound kit. A shore durometer hardness of 35. Finished molds can stand temps of 500F for very short periods of time. Tensile strength of 700 PSI, and elongation of 400%. Tear strength die B, 90 PPI.

#RTV-9110

**\$59.99 / 2 lb. kit**

Two pound kit. Pourable two part silicon that cures at room temperature (77F). Works well on patterns with unusual configurations, severe undercuts and close tolerances. Finished molds withstand temps from -85 to 392 F. (Shore A) 45 durometer hardness. Tensile strength is 400psi and elongation is 180%. Tear strength, die B is 15 PPI. Working time 2 hours. Cure time 24 hours. **NOT FOR METAL CASTING.**



## Polishing and Scratch Removal Kit

#1106001...\$4.99

Designed for edge polishing or to restore clarity to scratched acrylic surfaces. Kit contains Craftics 20/20 polish, super soft polishing cloth, sanding block, 150 grit and 600 grit sandpaper.



## Drill Bits

Especially for plastics.

60 degree rake, no shoulder

1/8" #DB1/8 \$2.75

5/32" #DB5/32 \$3.55

3/16" #DB3/16 \$3.55

1/4" #DB1/4 \$4.95

5/16" #DB5/16 \$5.49

3/8" #DB3/8 \$7.89

7/16" #DB7/16 \$8.99

1/2" #DB1/2 \$11.25



Wax Based Modeling Clay

#MC-1801 \$4.95 per pound

Non-toxic never dries. Compatible with RTV silicon rubber and liquid latex



## QUICK-SIL

#5000 \$67.00 2 lb. kit

## RELEASE CREAM

#5001 \$9.50 1oz.

## MOLD CLAY

#4000 \$4.50 1 lb.

Quick-Sil is a two part silicone rubber putty that is mixed by hand and produces tough, long lasting molds. Handles temperatures up to 900 degrees F. Zero % shrinkage, sets up in as little as 15 minutes and is surprisingly flexible. Great for jewelry molds and projects with fine detail.

## ACRYLIC TOOLS



## Acrylic Edge Scraper

#1106020...\$8.65

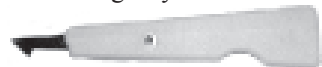
Acrylic Edge Scraper features 4 tools in one. It remove saw marks from acrylic edges, bev-els thick and thin material, and will radius an edge quickly and evenly.



## Heavy Duty Plastic Cutter

#1106531 \$9.87

For scoring acrylic sheet.



## Swivel Blade Plasticutter

#1106087...\$2.95

Hardened steel blade scores and cuts acrylic up to 1/4" thick. Swivel blade folds .



## Methylene Chloride

#MC-128...Gal...\$59.00

This adhesive is non-flammable and may also be used as a solvent for cured epoxy and polyester resin. Use in a well ventilated area as with all acrylic cements.



## General Purpose Welders Glove

#GWD-WELD...\$11.99 pr.

Gray, standard leather, lined.

# ACRYLIC PLASTIC

Sheets measure 12"x 24" for a total of 2 square feet

## GM GRADE COLORS

1/8" ...\$11.50  
3/16" ...\$13.00  
1/4" ...\$15.98

### Transparent

Available colors: Red, Blue, Yellow,  
Green, Gray, Bronze, Amber

Part #

1/8GMTPCOLOR  
3/16GMTPCOLOR  
1/4GMTPCOLOR

### Translucent

Available colors: Red Blue, Yellow,  
Green, Orange, White, Violet

Part #

1/8TLCOLOR  
3/16GMTLCOLOR  
1/4GMTLCOLOR (Violet NA in 1/4")

### Opaque

Available colors: Red, Blue, Yellow,  
Green, Black, White, Brown

Part #

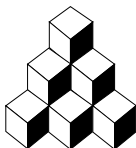
1/8GMOPCOLOR  
3/16GMOPCOLOR  
1/4GMOPCOLOR

### Mirror Plexiglass Sheet 12" x 24"

Clear acrylic with a beautiful mirror back. Cut and cement like any acrylic sheet. Safe to use where glass may break. Jewelry boxes, Kaleidoscopes, mirrors, Signs.

1/8" \$14.00 *per 12 x 24 sheet* 1/4" \$19.00

2 x 2 x 2 Unpolished  
Cast Acrylic Cubes  
\$29.40/Dz.



### ACRYLIC ROD

SOLD IN 3 ft LENGTHS -  
PRICED PER FOOT

Diameter	Clear / ft.
1/2"	\$1.79
3/4"	\$2.49
1"	\$4.25

## CLEAR ACRYLIC SHEET

### GM GRADE

1/8GMC...\$10.70  
3/16GMC...\$11.98  
1/4GMC...\$15.98

### CLEAR

#### FF GRADE

1/8FFC...\$6.25  
3/16FFC...\$8.50  
1/4FFC...\$10.25

### CLEAR

#### MC GRADE

##### 8 Per Pack

1/8MCC...\$56.80  
3/16MCC...\$75.50  
1/4MCC...\$85.00

### Fluorescent

Available colors: Red, Blue, Green  
Part #'s

1/8FLCOLOR...\$13.75  
1/4FLCOLOR...\$17.99

### LEXAN Polycarbonate Sheet

12" x 24" Break resistant and easy to cut,  
LEXAN is the first choice for safety and security  
applications. Price now per 12 x 24 sheet.

1/16" \$7.75, 1/8" \$11.50, 3/16" \$23.00



### DELTRIN ROD FOR CNC

Delrin is a dense, stable, self lubricating plastic, ideal for CNC projects and testing. Excellent machinability makes Delrin Rod an exceptional machining value.

DELTRIN ROD is sold in 4 foot lengths.  
Pricing is per foot.

Diameter	Black / ft.	White / ft.
1/2"	\$1.99	\$1.89
3/4"	\$2.99	\$2.89

## BUFFING WHEELS



### Buffing Wheels

Muslin and Flannel. All wheels are 20 ply with a 1/2" arbor.

**6" Muslin..Sewn..#MBW-06...\$7.99**

**6" Flannel..Sewn..#FBS-06...\$12.99**

### 8" Muslin

#MBS-08..Sewn...\$8.99

#MBL-08..Loose...\$8.99

### 8" Flannel

#FBS-08..Sewn...\$9.99

#FBL-08..Loose...\$12.99

## Weld on 3 -

### Water thin

### solvent cement

**#3-04..4 oz...\$6.25**

**#3-16..16oz...\$12.99**

**#3-128..Gal...\$73.00**



### Terminology Review

#### GM Acrylic:

Cell cast acrylic sheet, high melt point (400°F.) so it resists heat better during cutting and machining operations. Upside: Beautiful colors, easy to fabricate. Downside: Handmade, cast one sheet at a time. Higher cost, inconsistent dimensions.

#### FF Acrylic:

Fabricating grade extruded sheet. Medium melt point (around 275°F.) so cutting is slower, machining may require coolant as in metalwork. Upside: Lower cost, consistent thicknesses, can't tell the difference from GM by looking at it.

#### MC Acrylic:

Extruded via the "melt colander" process, MC is also a fabricating grade acrylic. It is extremely close to FF in melt point (260°F.?) So all the same fabricating tricks that work with FF to avoid overheating will serve you well with MC. Upside: Bargain price, nice colors. Downside: Slower to cut and polish.

#### Transparent:

You can read a newspaper through it.

#### Translucent:

Allows light to filter through, but not an image. Lightboxes, bathroom windows.

#### Opaque:

Does not let any light through.

#### Fluorescent:

Makes rough edges or frosted engraving appear to glow. Electric colors.

## BUFFING COMPOUND



### Special White

#NW-02...big bar...\$15.00

Best for buffing casting resins, fiberglass, acrylic and epoxies.

**Tripoli #TP-01 2-1/2 lb \$14.50**

The plastic buffing compound for use on muslin buffing wheels. Gives a fine finish.

**White Diamond #WD-01 bar \$14.25**

White in color and cleaner to use than tripoli.

**Polishing Rouge #PR-01 1/2 lb. \$4.90**

Wet look high lustre finish.



### Adhesive Applicators

#GB-016..16oz...\$1.20

#GB-008..8oz...\$1.00 #AP-02..2oz...\$2.79

#AP-01..1oz...\$2.59 #AP-04..4oz...\$2.99

### Drill Bits



Especially for plastics. 60 degree rake, no shoulder

1/8" #DB1/8 \$2.75 5/16" #DB5/16 \$5.49

5/32" #DB5/32 \$3.55 3/8" #DB3/8 \$7.89

3/16" #DB3/16 \$3.55 7/16" #DB7/16 \$8.99

1/4" #DB1/4 \$4.95 1/2" #DB1/2 \$9.95



### 20/20 Plastic Cleaner

#1106021..8oz..pump...\$6.00

#1106018...Gal...\$24.00

Anti-static cleaner repels dust.

### 20/20 Plastic Polish

#1106377...8oz...\$6.00

Unsurpassed in removing fine scratches, haziness and abrasions from most plastic surfaces.

### Novus #2 Plastic Polish

#NOV-2...8oz...\$6.49

Medium duty scratch remover. For best results follow with Novus #1 Cleaner. Reduces abrasions, haziness and fine scratches.

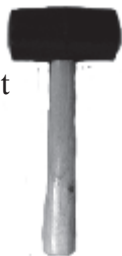
### Novus #1 Plastic Polish

#NOV-1...8oz...\$5.49

Cleans and glazes plastic surfaces in one easy step. Leaves a glaze that resists finger marking and dust build up. Also acts as a anti-static.

# HAND TOOLS

Rubber Mallet  
16 oz  
#899...\$1.99



Tape Measure  
#166...\$3.00



Locking Pliers 10"  
#930...\$3.50



Diamond File Set 5pc.  
#445-C...\$3.45



Wire Stripper  
#952...\$2.50



Precision Screwdriver  
set 6"  
#3633...\$1.00



Diagonal Pliers 6"  
#989-C...\$1.99



Bent Nose Pliers  
#966-C...\$2.00



Needle Nose Pliers  
#987-C...\$3.25



Locking Pliers 10"  
#930-C...\$3.99



Slip Joint Pliers 6"  
#996...\$2.00



Tweezers...\$2.00



1040-C 7" Straight  
1041-C 7" Curved  
1042-C 4.5" Straight  
1043-C 4.5" Curved

Lineman Pliers 8"  
#972-C...\$3.50



6 in 1 Screwdriver  
#3460...\$3.15



Putty Knives  
#912...\$2.00



2 Pocket Shop Apron  
36" length  
#99093...\$6.99



Artists  
paint  
brush set  
#120  
\$5.99



Screwdrivers \$2.50 ea.



3"X #1... Phillips...#3390-1C  
4"X #2...Phillips...#3390-2C  
4"X 3/16"...Slotted...#3400-1C  
4"X 1/4"...Slotted...#3400-2C  
6"X 3/16"...Slotted...#3400-3C  
6"X 1/4"...Slotted...#3400-4C



# ENGRAVING

## Interior

### THE TRADITIONAL SERIES – Primary Plus

A wide spectrum of the engraving industry's most popular color available in Matte finish. (Micro-satin or gloss available as custom only.)

#### Surface Color / Letter Color

Black / White
Snow White / Black
Spectrum Red / White
Spectrum Blue / White
Spectrum Green / White
Spectrum Yellow / Black
Dark Brown / White
Spectrum Orange / White
Navy Blue / White
Gray / White
Rust / White
Burgundy / White
Almond / Black
Pine Green / White
Chocolate Brown / White
White / Red
White / Blue
White / Wineberry
White / Apple Green

#### Matte

TM-01
TM-02
TM-03
TM-04
TM-05
TM-06
TM-07
TM-08
TM-09
TM-10
TM-11
TM-12
TM-13
TM-14
TM-15
TM-16
TM-17
TM-18
TM-19



Size	Color	Dozen	Gross
6	Gold	1.44	15.5
6	Nickel	1.44	15.5
3	Gold	1.3	10.8
3	Nickel	1.3	10.8
Split Ring	Nickel	3.6	38.99
Split Ring			
with Chain	Nickel	7.25	78

**BLACKLITE SERIES** Note: These fluorescent colors cannot be accurately reproduced by 4-color process printing. Matte Finish.

#### Surface Color / Letter Color

Black / Outrageous Pink
Black / Awesome Orange
Black / Radical Green
Black / Terminal Yellow
Black / Gold
Black / Silver

#### Matte

BL-401
BL-402
BL-403
BL-404
BL-492
BL-493



		24" X 48"	24" X 24"	12' x 24"
ITEM	FINISH	FULL SHEET	1/2 SHEET	1/4 SHEET
M93	GLOSS	\$64.75	\$34.59	\$17.99
M95	RADIANT	\$64.75	\$34.59	\$17.99
M98	MIRROR	\$69.00	\$37.75	\$17.99
M90	BRUSH	\$64.75	\$34.59	\$17.99
M92	GLOSS	\$64.75	\$34.59	\$17.99
M94	RADIANT	\$64.75	\$34.59	\$17.99
M99	MIRROR	\$69.00	\$37.75	\$17.99
M91	BRUSH	\$64.75	\$34.59	\$17.99
M96	BRUSH	\$69.00	\$37.75	\$17.99
M97	MIRROR	\$69.00	\$37.75	\$17.99
		24" X 48"	24" X 24"	12' x 24"
TM	MATTE	\$59.00	\$33.50	\$17.99
BL	MATTE	\$76.55	\$44.00	\$24.00

### THE HIGH-TECH SERIES – Metals

Dazzling metal in a variety of finishes, including Mirrored — a super glossy finish with no texture — that truly reflects elegance. Perfect for trophy and plaque engravers.

Surface Color / Letter Color	Brushed	Gloss	Beaker	Mirror
Silver / Black		M-02	M-05	M-08
Silver / Atlantis Blue				M-06AB
Silver / Wineberry				M-06B
Gold / Black	M-03	M-02	M-04	M-06
Gold / Wineberry				M-06B
Aluminum / Black	M-01			
Aluminum / Atlantis Blue	M-06			
Chrome / Black				M-07
Chrome / Atlantis Blue				M-07AB
Chrome / Wineberry				M-07B

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