



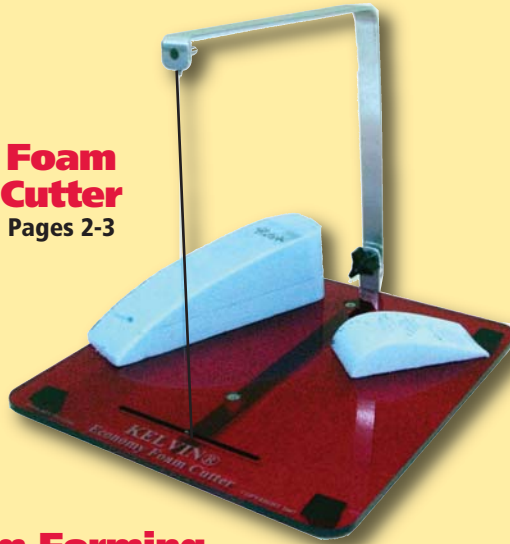
PLASTICS AND MANUFACTURING

CURRICULUM • LABS • ACTIVITIES • KITS • MATERIALS • PARTS

Injection Molding
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CANADIAN SCHOOLS

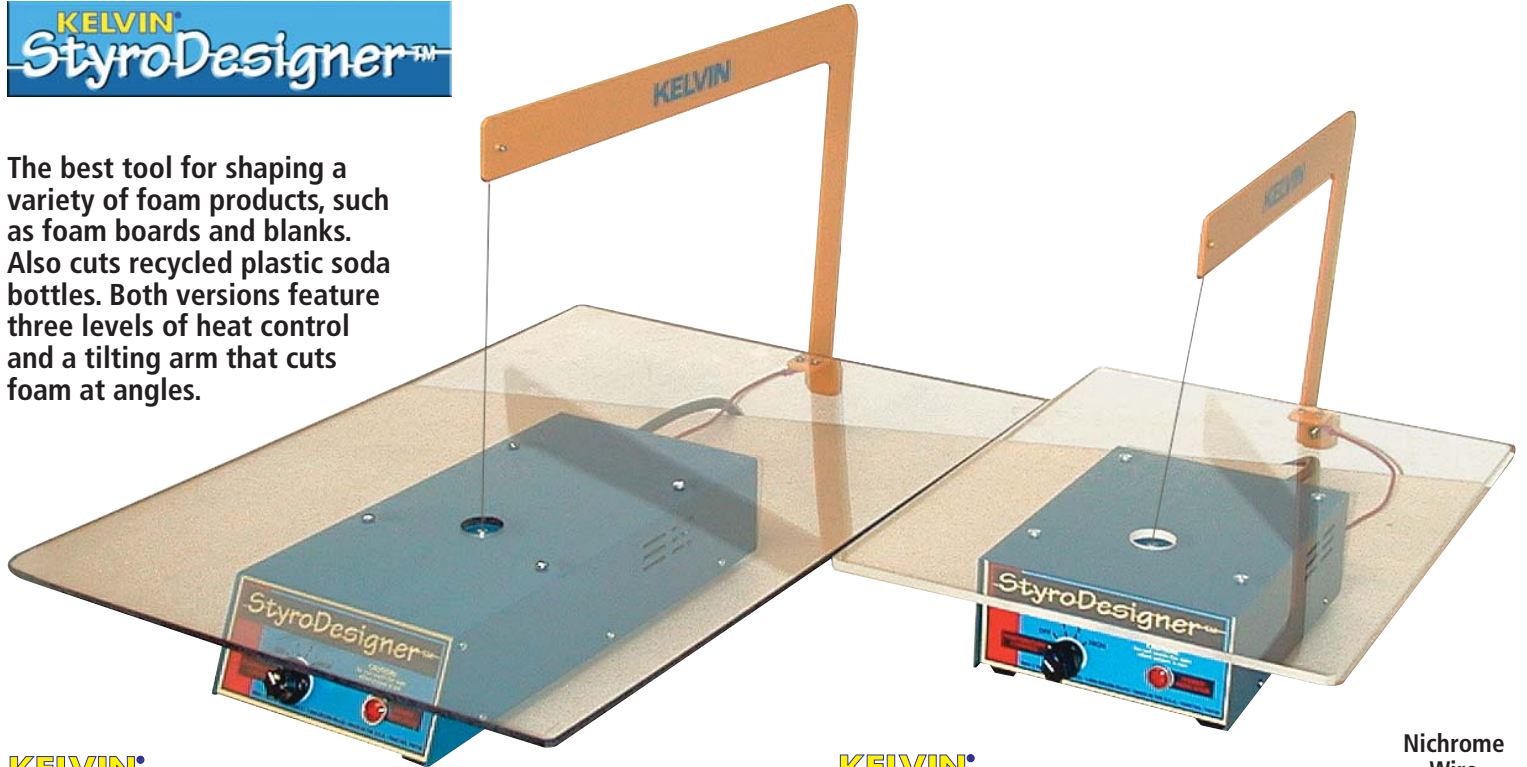
Open P.O. accepted.
Shipping from Ontario
(U.S. orders ship from New York).
Catalog prices are in US \$.

For More Information,
Visit www.kelvin.com

Toll-free USA & Canada,
1-800-KELVIN-9 (EST)



The best tool for shaping a variety of foam products, such as foam boards and blanks. Also cuts recycled plastic soda bottles. Both versions feature three levels of heat control and a tilting arm that cuts foam at angles.



KELVIN® Industrial StyroDesigner™

- Foam Cutting Table: 15-3/4" x 19-7/8"
- Overall Unit Height: 13"
- Wire to Arm Depth: 11-1/4"
- Height of the Cutting Wire: 7-5/8"

840867\$195 or \$185 ea./3+

KELVIN® Economy StyroDesigner™

- Foam Cutting Table: 11-3/4" x 16"
- Overall Unit Height: 11-1/4"
- Wire to Arm Depth: 15-1/8"
- Height of the Cutting Wire: 6-1/8"

740110\$155 or \$145 ea./3+

Nichrome Wire
10 feet lengths.

24 Gauge
[330338](#),
\$6.95

18 Gauge
[330340](#),
\$12.95



Hot Knife

This tool is a soldering iron and a hot knife. It cuts through plastics, foam and candle. This tool is ideal for your design project.

470091 Hot Knife\$15.95



Architectural Foam Board

Rigid foam board can be used for creating architectural models, boxes, prototypes and much more! Assorted colors.

281605 1/4"x4"x24", *, 25 Sheets/pkg. **\$19.95**

* NOTE: Oversized shipping charges apply.

Hot Wire Sculpturing Styrofoam Cutter

Hand-held cutter with transformer.

740116\$39.95

330403 4" Replacement Wire.....\$2.50





An Easy and Portable Way to Cut Foam!

KELVIN®

Hand Held Foam Cutter

Foam cutter includes power supply.

842117, **79.95**

or **\$76.95** ea./3+ or **\$74.95** ea./10+

The LOWEST PRICE for a Foam Cutter!

AS LOW AS

\$85⁹⁵ ea./10+

SIMPLE & QUICK TO USE!



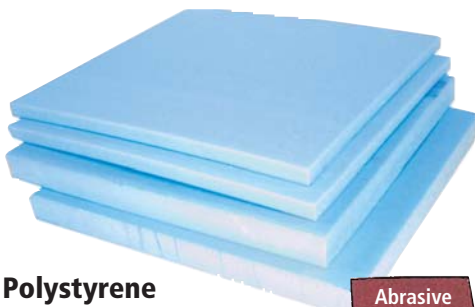
SEE ONLINE VIDEO!

KELVIN®

Economy Foam Cutter

Features acrylic table with an adjustable wire cutting angle that's simple and quick to set! It's a perfect machine for modeling design ideas and hobbyists, at an affordable price! One level of heat. Includes wall adapter.

841982 **\$89.95** or **\$87.95** ea./3+ or **\$85⁹⁵** ea./10+



Polystyrene Sheets

Hi-Density, Blue.

750166 1"x24"x24", *, 5 Sheets.....**\$19.95**

750167 2"x24"x24", *, 5 Sheets.....**\$44.95**

750168 3"x24"x24", *, 5 Sheets.....**\$59.95**

851197 Abrasive Shaping Pads, 100/pkg.**\$69**

*** NOTE: Oversized shipping charges apply.**

Abrasive Pads



As Low As **\$4.95**

A Sheet

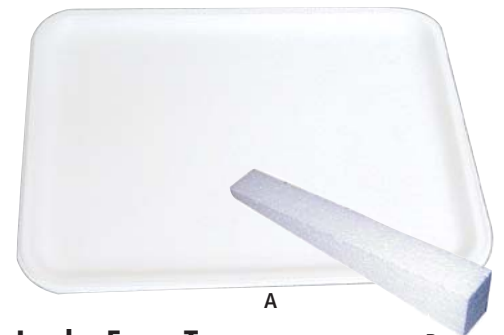
Foam Sheets

Cut white foam with utility knife, hot knife, or KELVIN® Foam Cutters.

750066 1"x12"x36", *, 5 Sheets**\$24.75**

750067 2"x12"x36", *, 5 Sheets**\$34.75**

750068 3"x12"x36", *, 5 Sheets**\$49.75**



Jumbo Foam Trays

Ideal for model planes and other projects.

750053 **A** 12"x16"x5/8". 50 trays.**\$24.95**

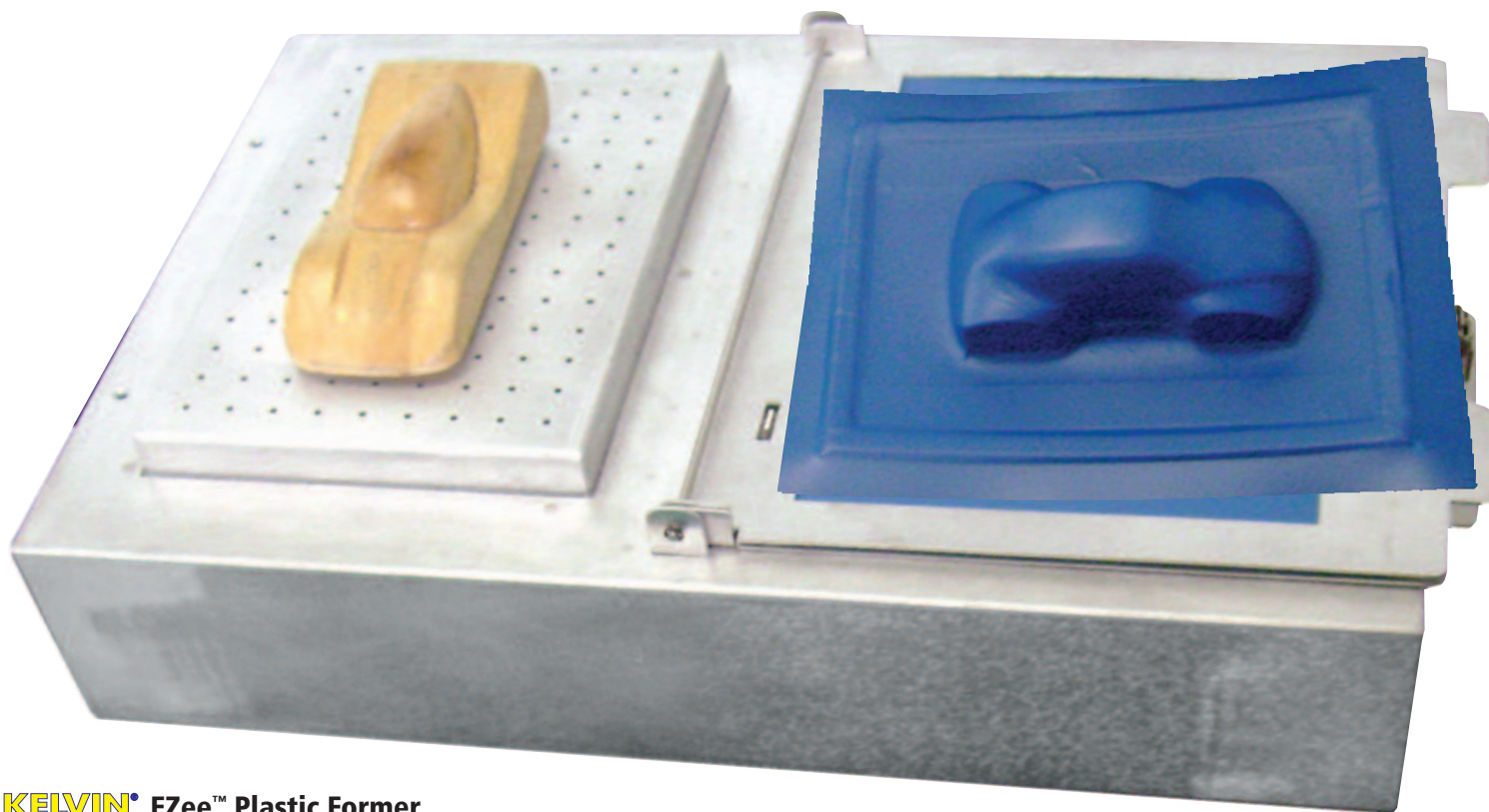
Wedge Foam Blanks 1-5/8"x2-3/4"x12"

390348 **B** 10/pkg.**\$4.95** or **\$4.75** ea./100+

Rectangle Foam Blanks

850943 3"x3"x10", 10/pkg.....**\$5.95**

Mold Your Own Vehicle Bodies, Then Design and Build the Frame & Power Train!



KELVIN® EZee™ Plastic Former

Designed for ease of use in schools! The 10" x 14" material area is large enough for forming dragster models, car bodies, lettering for signs, game parts, masks, boat hauls, etc.

110V EZee™ Former

841970 Requires Shop Vacuum\$995
841983 with Power Suction.....\$1,295

220V EZee™ Former

842036 with Direct Vacuum Suction\$1,995



Polystyrene Sheets

750226 Clear, 10" x 14", 10 Sheets\$29.95
750225 Asstd. Colors, 10" x 14", 25 Sheets\$29.95
570108 Asstd. Colors, 14" x 20", 65 Sheets\$99.95



KELVIN® EZee™ Former Resin Molds

Form a vehicle body with one of these resin molds and then decorate it. Requires vacuum former.

570124 Vehicle Model Mold\$75
570125 KELVIN® Racer Mold\$75
570126 Pick-up Truck Model Mold\$75

KELVIN® EZee™ Former Vehicle Parts Kit Bulk Pack

Build a vehicle and design your own power train using the KELVIN® pulley or gear pack. Kit includes a wood base, wheels, axles, plus motor, switches, battery holder, pulley pack, gear pack, and assorted colors of plastic sheets.

842015 Bulk Pack for 20\$145

Glue Gun Injection Molding

An easy and economical way to demonstrate injection molding. Students design and make a simple mold or a very complex molds and manufacture their own plastic products.



Glue Gun

Trigger feed operation allows the user to apply pressure while injecting glue plastic.

920041**\$4.95** or **\$4.45** ea./6+

Plastic Glue Sticks

Plastic in assorted colors.

281729 6/pkg.**\$2.25** or **\$1.95** ea./6+

Mold Case

A two-part mold case holds designs sandwiched inside with injection hole and two screws to hold the pieces together.

280723**\$17.95**



Silicon Grease Spray
For Mold Release
280725, **\$10.95**

Aluminum Strips

Form random shapes within the mold between the two aluminum plates. Strips are 300mm long x 2-3mm wide.
280724 10/pkg.**\$9.95**



Aluminum Plates

Assorted plates are 70x50mm. 5/pkg.
282011**\$4.95**

Multiple Cavity Molds

Three-cavity base molds with 4mm screw insert.

280726 Cylinder Mold**\$39.95**
280727 Ball Nose Mold**\$39.95**



Manual Injection Molder

Economical choice for school technology programs with plastics units. Uses 700W, 117 VAC, 2/3 oz. capacity, 550W plastics heater, electronic heat control, 2,500 lb. mold clamp, GFI power handling, teflon coated ram cylinder, instructions and a one year warranty. Accepts most HONA and EMCO molds. Maximum mold size is 2-1/4" x 4" x 1".

570031**\$1,495**

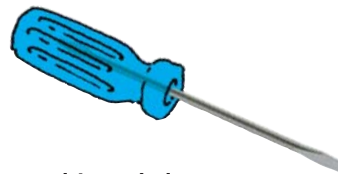
Aluminum Injection Molds

Use low density polyethylene for these molds. Make Plastic Checkers, Chips, Tees and Wheels.



- | | | | | |
|--|---|---|---|---|
|  |  |  |  |  |
| Checker Injection Mold | Golf Tee Injection Mold | Poker Chips Injection Mold | Front Wheel Injection Mold | Rear Wheel Injection Mold |
| 570018, \$99.95 | 570019, \$99.95 | 570020, \$99.95 | 570022, \$99.95 | 570023, \$99.95 |

Learn about Injection Molding While Making Things!



Screwdriver Blades

Make your own screwdrivers with the tool handle mold, nickel-plated steel blades and polystyrene resin crystals.
570024 Slotted, 100/pkg.**\$39.95**
570025 Phillips, 100/pkg.**\$59.95**

Tool Handle Injection Mold
570017 ..**\$99.95**



Polystyrene Resin Crystals

For the Tool Handle Mold ONLY.
5 lbs. per package.
570027 Blue Polystyrene.....**\$39.95**
570028 Red Polystyrene**\$39.95**
570029 Green Polystyrene**\$39.95**
570030 Yellow Polystyrene.**\$39.95**



Dome Blowing Unit

Designed for free dome blowing of heated acrylic sheets (see page 7) using air pressure supplied by vacuum forming machines or from an independent source. Three clamping rings (6, 9 and 12" dome diameters) mold a 0.375" max. material thickness. Features integral pneumatic valve for blowing process control, durable rubber seal plate with air diffuser and fully adjustable toggle clamps. 110 VAC. Requires oven (see below).

570087 Dome Blowing Unit**\$1,595**
570098 Dome Mold**\$325**
570107 Fan Circulated Oven w/ 350° C Max. Temp, 20"x14"x12" Capacity**\$2,750**



Blow Molds

- | | | |
|--|---|---|
|  |  |  |
| Floating Keytag | Ball | Nose Cone |
| 570041, \$125 | 570042, \$125 | 570043, \$125 |

Polyethylene Pellets
Low Density, Natural Color, 5 lbs.
570038**\$24.95**

Bottle and Cap Mold Set

Blow mold a plastic bottle with a threaded neck. Then, injection mold a threaded screw cap. Requires blow and injection molders.
570074**\$269.95**



Color Pigment Set
For Low Density Polyethylene.
570039 8 Colors, 1/2 oz. ea...**\$13**



KELVIN® Structure Builders™

Unique plastic strips used to construct a variety of prototypes. Students can build gears by drilling holes into the strips and using a metal jig to ensure constant spacing. Use Structure Builders™ to create: Model Bridges Trusses, Model House Struts, 3D Prototypes, Gears, and Manufacturing Jigs.

Much more consistent than wood, clear acrylic Structure Builders™ are also more accurate and stable than wood and are the ideal length for assembly. Durable beams can be shaped and then joined using plexite cement or fasteners (both sold separately).

280101 Structure Builders™, 1/2" x 1/2" x 3', 10/pkg..... **\$25⁹⁵**
 280100 Structure Builders™, 1/8" x 5/8" x 6', 20/pkg..... **\$49.95**

Plastic Solvents

Clear Plexite Cement

750021 1 pint\$10.95

Solvent Applicator Bottle

750022 Holds 1 oz.\$3.60



Duco Cement

Multipurpose, household glue works on china, vases, plastic, wood, metal and crafts. Dries clear and fast; dishwasher safe.

930053\$2.75 or \$2.45 ea./6+

Epoxy Adhesive

Industrial strength, quick setting epoxy binds in 4-6 minutes. Use with ceramic, glass, wood, leather, fiberglass, metals, most plastics, and more.

930058\$3.75 or \$3.60 ea./6+



Contact Cement

Binds on contact. Works on tile, rubber, wood, metal, formica, plastic and much, much more.

930059 3 oz.\$4.95 or \$4.45 ea./6+

Super Glues

Bonds in seconds. Clog resistant tip. One drop application. Works on plastics, porcelain or leather. 2 grams.

93001995¢ or 85¢ ea./6+



Neoprene-Based Contact Cement

Provides a strong, lasting bond with wood, most plastic laminates, metal, leather and foam. Flexible.

Goes on green, turns clear when ready to bond; dries in 20 minutes.

930020 1 pt.\$5.80



ProBond® Super Fast Epoxy Cement

Sets in just 5 minutes! Heavy-duty bonds wood, metal, most hard plastics, glass, marble, concrete, tile and brick. Two tubes: one tube hardener, one tube resin. 0.5 oz.

930012\$3.95 or \$3.59 ea./6+



Additional Materials For Your Project

390007 4-40 Screws, 100/box\$4.95
 390033 4-40 Nuts, 100/box\$2.25



Plastic Cutter

Cuts plastic sheets up to 1/4" thick and easily creates beveled edges.

390430\$4.95



Edge Scraper

Removes saw cuts from acrylic sheet edges.

390432\$8.95



Invisible Hinge

Continuous and clear acrylic, the piano-like this hinge is strong and safe. 3/4" x 12" hinges.

390409\$3.95

Acryl-Hinge™ Fastener

The clear, loose-pin fastener can act as a continuous hinge when mounted in series. 1-1/2" x 1-5/8" long.

390410 2/pkg.\$2.75



Warm & Bend Acrylic at Pre-Set Angles



Matching Angle Jig
(Not Shown Actual Size)

KELVIN® **Hot Line Acrylic Bender**

The bender heats acrylic plastic making it easy to form. Place the heated acrylic on the Angle Bender to obtain crisp tight bends at any angle. Requires 110 volts.

- 841999 Hot Line Acrylic Bender.....**\$295**
- 841998 Matching Angle Jig**\$195**

Acrylic Sheets

Stock #	Size	Opacity	Color	Price	8+ Price
750014	12" x 24" x 1/8"	Opaque	Red	\$8.95	\$8.45
750015	12" x 24" x 1/8"	Opaque	Green	\$8.95	\$8.45
750016	12" x 24" x 1/8"	Opaque	Blue	\$8.95	\$8.45
750018	12" x 24" x 1/8"	Opaque	Black	\$8.95	\$8.45
750019	12" x 24" x 1/8"	Opaque	White	\$8.95	\$8.45
750008	12" x 24" x 1/8"	Transparent	Clear	\$8.95	\$8.45
750009	12" x 24" x 1/8"	Transparent	Gray	\$8.95	\$8.45
750010	12" x 24" x 1/8"	Transparent	Red	\$8.95	\$8.45

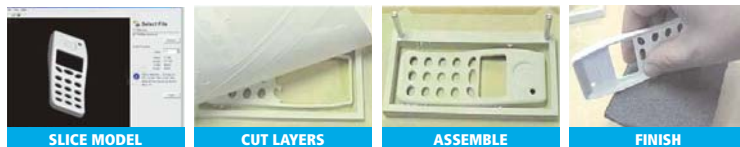
Acrylic Rods

The fluorescent rods have a unique additive in them that actually gathers light from the sides of the rod and emits it from the ends.

Stock #	Dia.	Length	Opacity	Color	Qty.	Price
750110	1/4"	20"	Translucent	Red	1	\$5.95
390906	1/8"	8-3/4"	Solid	Clear	30	\$8.95
390905	1/8"	17-1/2"	Solid	Clear	10	\$5.95
390904	1/16"	8-3/4"	Solid	Clear	40	\$9.95
390903	1/16"	17-1/2"	Solid	Clear	20	\$9.95
390910	1/8"	20"	Fluorescent	Green	3	\$7.95
390914	1/8"	20"	Fluorescent	Red	3	\$7.95
390918	1/8"	20"	Fluorescent	Yellow	3	\$7.95
390907	1/16"	20"	Fluorescent	Green	3	\$5.95
390912	1/16"	20"	Fluorescent	Red	3	\$7.95
390916	1/16"	20"	Fluorescent	Yellow	3	\$7.95



Create an Actual 3D Model with this Low Cost Rapid Prototyping System



Rapid Prototyping Lab

Using the economy Rapid Prototype System software, your student can create a model from their 3D design quickly and easily, at a very low cost!

The Rapid Prototyping System imports a solid model, and using a special "wizard," takes a few clicks to "slice" the model. The slices are cut out of sticky-backed paper in conjunction with a vinyl cutter (included). The vinyl cutter also cuts registration holes and numbers each slice. The slices are retained in whole sheets and positioned accurately on assembly pegs in an ordered manner, the backing paper being removed between each slice. The assembly process is surprisingly fast and accurate.

When assembled, the models are strong and can include geometry elements that are impossible to machine-produce, (such as internal-shaped holes). These models can be sprayed and sanded for a smooth finish. The models are strong enough to be used as molds for vacuum forming and low-pressure injection moldings.

While the main application of the system is intended to be Rapid Prototyping, those schools without CNC machines but with a vinyl cutter can use it and the RapidPRO software as a Rapid Manufacturing center to recreate all their solid models from sticky-backed card. For teachers without CAD/CAM experience, this route is an easy, problem free introduction to CAM and acts as a possible stepping-stone towards the future implementation of more advanced CAM systems using CNC machines.

RapidPRO allows students to create working prototypes from designs created using any 3D CAD system capable of saving files in STL format.

Lab Includes:

- 24" Rapid Prototyping Machine (also good for sign making)
- Rapid Prototyping Starter Supply Kit
- [5] Squeegees
- [5] Brushes
- [5] Hobby Knives
- [5] Tweezers
- [5] Coating Agents
- [2] Rolls of Masking Tape
- Spare Cutter Blade
- Cutter Protection Strip
- 250 Sheets of Engineering Paper (15.75"x22.5")
- 100 Mounting Pages
- Parallel & Serial Interface Windows Drivers
- Rapid Prototyping Site License with Tutorial
- Student Curriculum Site License (.pdf)
- Instructor's Guide (.pdf)

841727 Rapid Prototyping System\$4,745

Complete Rapid Prototyping System

Includes Rapid Prototyping Lab above (#841727) plus a PC, 17" LCD Monitor Display and Pre-installed Software.

841728\$6,245



For Teaching:

- CAD Design
- General Design
- Modeling
- Manufacturing
- Pre-Engineering
- Art Education
- Technology Ed
- Science Models

Techno CNC Learning Station

Built in Germany to strict European safety standards, this CNC machine features high quality design and materials. A built-in safety enclosure stops the machine from working when the door is opened.

Features:

- Fully assembled and READY TO USE
- Large Work Platform: 295x200x130 mm
- 16 mm dia. ball screws with either 4 mm or 10 mm pitch
- CNC or DNC programming via RS232
- 3-axis linear and 2-axis circular interpolation when used with optional electronics
- T-slotted Z-axis face plate for easy mounting of optional tooling
- Safety enclosure with safety interlock switch
- Includes stepper motor, installed and wired
- Can be supplied with or without electronics

Lab Includes:

- CNC SYSTEM with Built-In Safety Enclosure
- MASTERCAM 6.13 educational version
- TOOLING PACKAGE with router bits and engraving bits

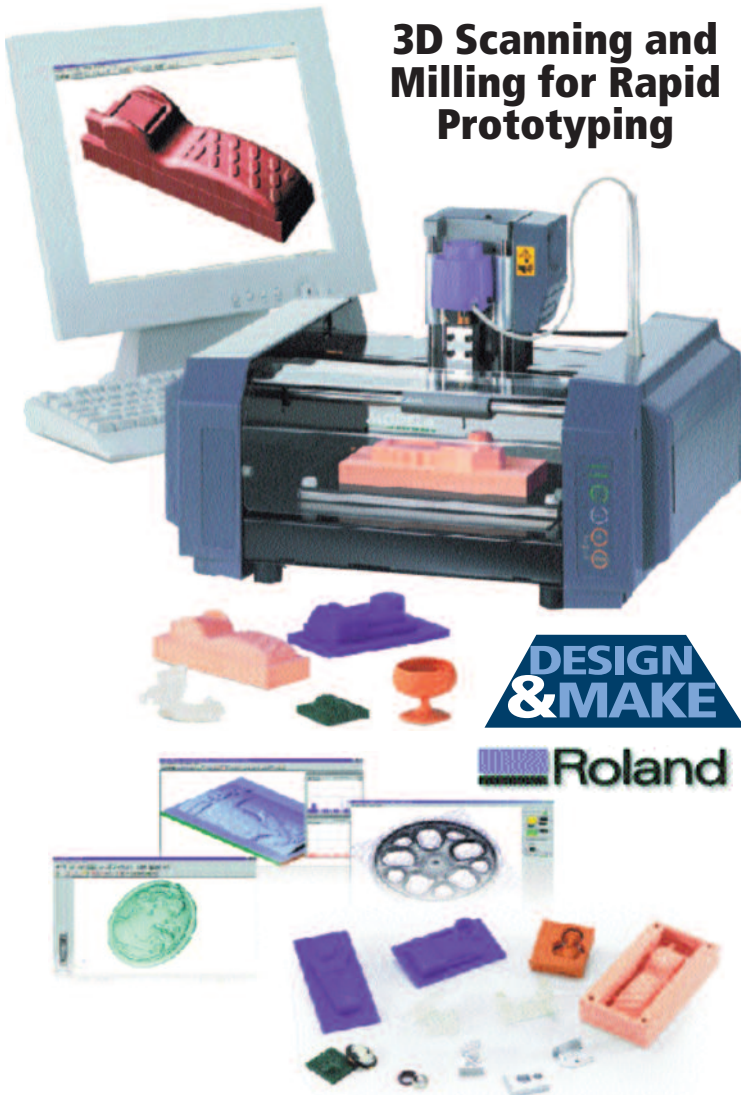
841340 CNC Learning Station\$8,995

841891 CNC Learning Station w/PC, LCD Monitor, Pre-Installed Software...\$10,750

**Turnkey
System Now
Available
(#841891)**



3D Scanning and Milling for Rapid Prototyping



Product Design and Manufacturing Training Labs

State of the art training module teaches high school and college students how to transform their ideas into real products.

This module lets students focus on creative problem-solving and product design rather than outdated skills like G-code programming. Developed by an active educator with 17 years of experience in developing technical curricula, it makes learning fun with advanced, easy-to-use tools.

Students learn how to:

- Create multiple models using Rhino® CAD software.
- Automatically generate tool paths within Roland CAM software.
- Machine prototypes of CAD models with the Roland MDX-15 desktop milling device.

Roland's 3D scanners (MDX-15/20) put you in control with the power of 3D scanning and milling on your desktop. Easy-to-use and compatible with many popular 3D CAD software programs, the MDX-15/20 is an affordable, all-in-one scanning and milling device perfect for a variety of product design tasks from model and jewelry making to molds, rapid prototyping, small lot production and package design. Use it to test and modify your designs, reducing errors, time and cost.

Comes standard with a powerful CNC milling and scanning application software for Windows®, making it easy to use right out of the box. Also compatible with a variety of popular 3D CAD and computer graphics software programs, including SolidWorks, Rhinoceros, VectorWorks, LightWave, VisualMill and 3D Studio Max.

Scanners come with Roland CAM (Computer Aided Manufacturing) software and Accessory Package (AC Adapter, Power Cord, RS-232C cable, Spindle Unit, Sensor Unit, [4] Cap Screws, Tool, [2] Set Screws, Double-Sided Tape, Front Cover, Hexagonal Wrenches, [3] Positioning Pins, Clay, and User's Manual).

Labs include your choice of scanner (with Roland CAM Software and Accessory Package) PLUS Rhino® CAD (Computer-Aided Design) software, Teaching Guides and a Semester Supply Kit.

MDX-15 Scanner Labs

6" x 4" x 2-3/8" Work Area, 1.1 lbs. Max. Load

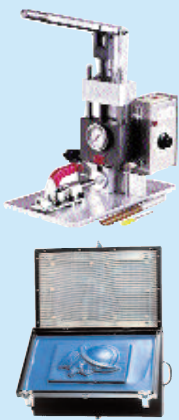
841725	MDX-15 Scanner with Basic Software	\$2,995
841723	MDX-15 Scanner plus Rhino Software	\$4,995
841724	MDX-15 Scanner plus Rhino Software, PC and LCD Monitor	\$5,995

MDX-20 Scanner Labs

8" x 6" x 2-3/8" Work Area, 2.2 lbs. Max. Load

841726	MDX-20 Scanner with Basic Software	\$4,495
841913	MDX-20 Scanner plus Rhino Software	\$6,595
841914	MDX-20 Scanner plus Rhino Software, PC and LCD Monitor	\$7,595

Learn How to Process and Manufacture Plastics



Plastics Manufacturing Lab

Plastic has revolutionized how things are made—more affordable and easier to produce. From products like chairs to nylon fabric to plates, plastic is an indispensable part of modern life. With this lab, students will not only learn about types of plastics, but how to process and manufacture plastic using injection molding, vacuum forming and acrylic shaping techniques. This start-up package includes an injection molder, vacuum former, and acrylic strip heater. Hands-on activities include creating signs, molds, and novelty items. Grades 7-12. **Please Allow 8-10 Weeks for Delivery.**

840782 Plastics Manufacturing Lab\$4,950

Lab Includes:

- Vacuum Former
- Vacuum Forming Starter Kit
- Acrylic Strip Heater
- Vacuum Forming Molds Kit
- Injection Molder
- Injection Molds (Checker, Golf Tee, Poker Chip, Screwdriver Handle, Dragster Wheel)
- Intro to Plastics Video
- Working with Acrylics Book
- Polyethylene, Low Density
- Polyethylene Color Pigment
- Poly Resin Crystals in Blue, Red, Green and Yellow
- Acrylic Sheets in Blue, Red, Green and Yellow
- Plastic Cutter Knife
- Edge Scraper
- Screwdriver Blades, Slotted
- Screwdriver Blades, Phillips
- Plexite Cement
- Lesson Guide
- Workstation Sign

Your Students Can Design & Make a Briefcase, Structure or Bridge



Corrugated Plastic Boards

Build a basic structure with a craft knife, ruler, pencil, felt tip pen, hot glue gun, and rubber bands for holding things together as the glue sets. Quickly create 3D structures, model houses, model bridges, package designs, display pedestals, prototypes, model vehicles and more. A design challenge idea is to have students design and build a briefcase or storage box. 1/8" T x 24"W x 48" H sheets in assorted colors.

750100 8 Corrugated Plastic Boards\$39.95



Twist Latch
390525 10/pkg.....\$18.95



Utility Snips 7-1/2" L
480009\$3.75 or \$3.65 ea./6+



Octa-Clips
~~Use Octa-Clips to clip together your sheets of corrugated plastic in 45° or 360° increments. 50 clips.~~
390526\$19.95



Pop Rivets for Plastic
390522 10/pkg. ..\$4.50
390429 50/pkg. ..\$9.95

Polyethylene Joiners
Hinges, axle supports & corners. Includes 200 joiners per package.
750059\$14.95



Plastic Joint Set
Join together sheets of corrugated plastic with round, flexible, 'U', straight & right angle joints. Set of 5.
390523\$7.95

Butyrate Half Round Profiles

Use for the top housing unit of corrugated roll-up doors, gutters, banister railings, decorative building trim and model building. Precision extruded in gray Butyrate plastic. All dimensions in inches.



Stock #	Desc.	O.D.	I.D.	Wall	Length	Qty.	Price
390900	HP-3	3/16	3/32	3/64	15	4	\$5.95
390901	HP-4	1/4	1/8	1/16	15	4	\$6.35
390902	HP-6	5/16	3/16	1/16	15	4	\$6.65

Butyrate Round Tubing

Use for piping in residential, commercial and models. May also be used as round pylons in bridge, pier and other structures. Precision extruded in white Butyrate plastic. All dimensions in inches.



Stock #	Desc.	O.D.	I.D.	Wall	Length	Qty.	Price
390892	TB-1	3/64	N/A	N/A	15	15	\$6.95
390893	TB-2	1/16	N/A	N/A	15	12	\$6.95
390894	TB-3	3/32	0.050	0.020	15	10	\$5.95
390895	TB-4	1/8	1/16	1/32	15	10	\$6.75
390896	TB-6	3/16	3/32	3/64	15	9	\$8.95
390897	TB-8	1/4	1/8	1/16	15	7	\$8.95
390898	TB-10	5/16	3/16	1/16	15	6	\$8.95
390899	TB-12	3/8	1/4	1/16	15	5	\$8.95

Brass Insert Wire

This wire is designed for insertion in 3/32" and 1/8" Butyrate round tubing to add stiffness or allow bending to almost any configuration. All dimensions in inches.

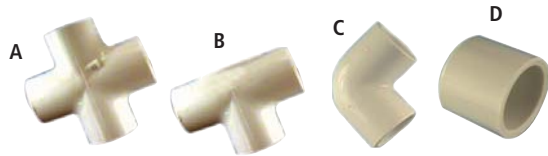
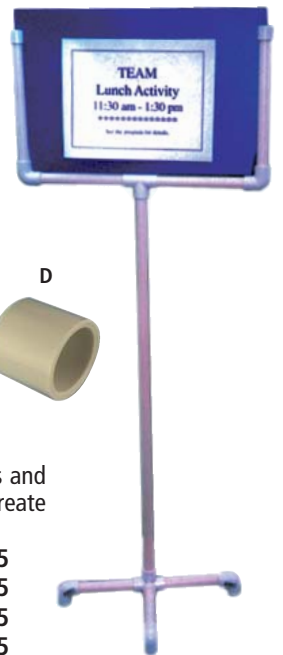


Stock #	Desc.	O.D.	To Fit Tubing	Length	Qty.	Price
390890	MIW-1	0.045	TB-3	15	10	\$4.95
390891	MIW-2	0.058	TB-4	15	10	\$5.95

PVC Plastic Tubing

Use PVC tubing and PVC joints with PVC glue to build your own vehicle testing track, all types of structures, workshop signs, furniture, and more.

851034 3/4" dia. x 4 ft. L, 10/pkg.\$59.95
851097 3/4" dia. x 8 ft. L, 10/pkg.\$99.95
850780 PVC Glue, 1 pt.\$8.95



PVC Joints

Join tubing together to create a variety of items and projects. TIP: Combine the 4-way and T-joints to create a 5-way joint. All joints fit 3/4" diameter tubing.

851099 **A** 4-Way PVC Joint\$3.65
851031 **B** "T" PVC Joint, 10/pkg.\$8.95
851032 **C** Elbow PVC Joint, 10/pkg.\$5.95
851098 **D** PVC End Caps, 10/pkg.\$5.95