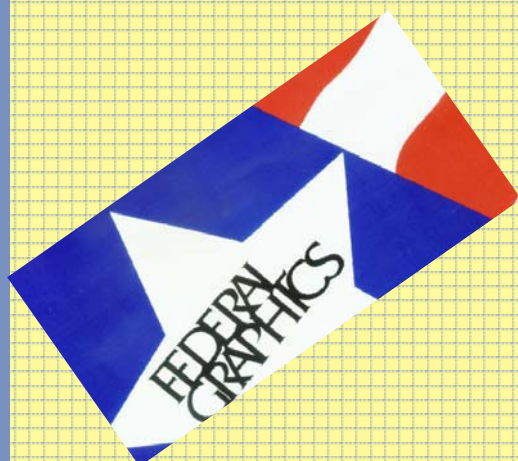


The logo for Federal Graphics is a tilted rectangular emblem. It features a large white five-pointed star in the center, with the words "FEDERAL" and "GRAPHICS" stacked in a bold, black, sans-serif font across its middle. The background of the emblem is divided into blue and red triangular sections, reminiscent of the American flag's stars and stripes. The entire logo is set against a yellow background with a fine black grid pattern.



X-Acto and Olfa

X-ACTO KNIVES

X2000 KNIFE



Soft rubberized and contoured barrel makes knife comfortable and easy to grip. Safety cap fits on back of knife to prevent misplacing. Center-barrel blade release for safer and easier blade changing. Unique anti-roll wedge.

X2000 X-Acto X2000 Knife

No. 1 KNIFE



Light duty knife with cap. Five inch aluminum handle complete with #11 blade.

XACTO-3001 No. 1 Knife with safety cap

XACTO-3201 No. 1 Knife without safety cap

XACTO-5251 No. 1 Knife with dispenser of 15 No. 11 blades.

X-ACTO BLADES

No. 11 BLADES



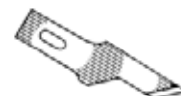
Extremely sharp point for angle cutting and stripping. Made in USA.

XACTO-411 No. 11 Blade, 15/dispenser

XACTO-611 No. 11 Blade, 100/pkg

XACTO-611SS No. 11 Blade, 100/pkg
Stainless Steel (Formerly #621 Blade)

No. 16 BLADES



Stenciling, scoring & etching.

XACTO-616 No. 16 Blade, 100/pkg

Other X-Acto Products Available—Please contact us for information

OLFA KNIVES AND CUTTING BLADES

MODEL A KNIFE

A professional model for draftsmen, designers, etc. Blade can be put in either way for right or left-handed users. Uses (AB-10/AB-50/K1B) replacement blades.

Code: **OLFA-A**

SILVER KNIFE

Stainless steel deluxe model for art, engineering and graphics industry. Uses (AB-10/AB-50/K1B) standard replacement blades.

Code: **SVR-1**

MODEL 180

Multipurpose knife with metal liner. Uses (AB-10/AB-50/K1B) standard replacement blades.

Code: **180**

MODEL L1 AND L2

Heavy-duty knife with steel shank and lock. Model L2 has an anti-slip rubber grip insert. Uses LB-6, LB-50, or K2B snap off blades.

Code: **O-L1**

O-L2

MODEL CL PACKAGING KNIFE

Versatile heavy-duty packaging cutter features an adjustable depth gauge, built-in staple remover, and a one-of-a-kind sturdy flat cutting base for stability and perfect 90° edge. Uses LB-6/LB-50 replacement blades.

Code: **CL**

AB STANDARD BLADES

Fits the A, Silver, 300, and 180 series cutters. Blades snap off providing 13 cutting edges. Available in regular steel, stainless steel, and with 30° angle same as the #11 art blade.

Code: **AB-10** 10/pkg

AB-50 50/pkg

AB-10S Stainless Steel

AB-1160B Art blade w/ 30°



LB HEAVY DUTY BLADES

Fits all L1, L2, and FL series cutters. Available in two sizes, the LB-6 has 6 replacement blades and the LB-50 has 50 replacement blades. Blades snap off providing 8 cutting edges.

Code: **LB-6** 6/pkg

LB-50 50/pkg



GENERAL GRAPHIC BLADE CENTER

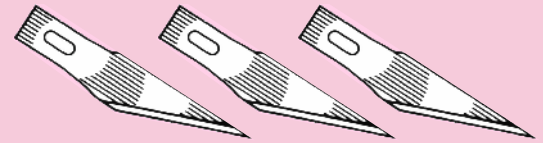
Buy high quality blades without the name brand and save!

K1B These U.S. made 13 point snap-off blades feature a long-lasting ultra sharp edge. Replacement blades for K1, OLFA A, 180, 300, SVR, Federal Graphic #18 and #1800 knives and General Graphic K-1 knives. (Federal 1713)

K2B These U.S. made 8 point snap-off blades are razor sharp and long lasting. Replacement blades for K2, OLFA L1, L2 and Federal #700 and #710 knives and General Graphic's K-2 knife. (Federal 1719)

K11B U.S. made replacement blades for X-ACTO #1, Gripster, and X2000 knives, Federal Graphics #1 Art Knife, and #11 Technical Knife. (Federal 1725)

Above blades 100 per package.



DELUXE # 18 KNIFE

A sturdy knife that holds 13 point snap-off blades. Made of plastic and metal. Features a locking blade design.

Code: **K1**



DELUXE # 700 KNIFE

A heavy-duty knife, great for carton opening or cutting heavy materials such as laminates or blankets.

Code: **K2**



ROLLER SAVER KNIFE

A specially designed knife for cutting material off rollers. Can be used with press roller covers or when laminate winds around the rollers. Specially designed curved ultra-sharp blade protects your rollers.

Code: **RSK** Roller Saver Knife (Federal 1720)
RSK-B Blades 5/pkg (Federal 1721)



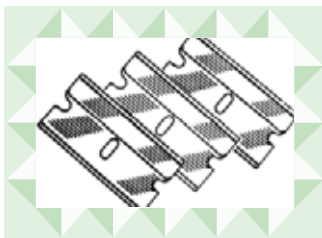
#1 ART KNIFE

Durable aluminum handle knife for art and graphic arts.

Code: **AK**



RAZOR BLADES



Industrial quality razor blades. Single-edged in either 9 or 12 gauge. Packed 100 per package.

Code:

R9 No. 9 Razor Blades, 100/pkg
R12 No. 12 Razor Blades, 100/pkg

GRIFHOLD #7 KNIFE

Sturdy aluminum handle with a choice of several types of replacement blades. Excellent for etching, scribing, re-touching, stencils, ink erasures, layouts and paste-ups. Blades are interchangeable and fit comparable standard blade holders.

Code: **FG-7 Knife**

FG-7A



FG-7B



FG-7C



FG-7D



FG-7E



FG-7F



Blades packaged 100 per box.

Layout Supplies

#113 SWIVEL KNIFE



Light-weight, durable double-action knife that swivels free and easy for cutting arcs, curves, and circles. Ball bearing smooth action.

Code: **SK113** Knife
SK113B Replacement Blade

#44 PIN VISE HOLDER

For fine work, scribing, retouching, stencil or perforation. Will hold drills up to 1/16" size. Pin retracts into handle when not in use.

Code: **PV44** Aluminum Hold
PV44P Pins 12/pkg



GLUE STICKS

Ideal for layout work. Glue remains repositionable for an extended period before drying. Available in super size and jumbo size.

Code: **GS** Super Size Glue Stick .88 oz
GS-1 Jumbo Size Glue Stick 1.26 oz



BRAYERS

Both rubber and acrylic roller brayers are available. The rubber rollers are ideal for burnishing or for inking. The acrylic brayers can be used for burnishing and paste up work. Will not pick up rubber cement, wax, and some adhesives. Roller is 4" width. Other sizes available.

Code: **BRAY-AR** Acrylic
BRAY-RR Rubber



ARTIST WHITE TAPE



High quality flat craft paper tape. Will not yellow. Repositionable. Available in four sizes. Comes with 3" core roll, 60 yard length.

Code: **256-1-4W** 1/4"
256-1-2W 1/2"
256-3-4W 3/4"
256-1W 1"

BURNISHERS



#40 is an all wood burnisher with one flat end and one rounded pointed end.

#45 has a wooden rounded handle for burnishing and a needle in the other end for cutting acetate, and for picking and placing items accurately,

Code: **40** All Wood Burnisher 6/pkg
45 Stylus-Burnisher 6/pkg

FISKARS SHEARS

Precision-ground hardened stainless steel provides sharp long-lasting cutting edge. Ergonomic handles provide comfortable fatigue-free cutting. Available in both left hand and right hand models.

Code: **SRH-8** 8" Right Hand
SLH-8 8" Left Hand
SRH-9 9" Right Hand



GRAPHWAX WAX

For use in all hand or table top waxers. **Graphwax** has a clean white color eliminating copy coloration. Melts at low temperature and is high tack for easy use. Economically priced. Available in 10 ounce boxes containing 60 small bars for hand waxers or in 10 pound cartons for table-top waxers.



Code: **GRAPHWAX** 10 oz box
GRAPHWAX-10 10 lb carton

BRITE-LITE SAFELIGHT FILTER SLEEVE

GOLD SAFELIGHT:

Slips over any standard fluorescent tube and floods the plate room with safe, even, gold light. The new sleeve is safe for offset plates, all forms of room light handling films, all forms of room light proofing materials plus silkscreen films and emulsions, including printed circuit films and resists. The Gold Brite-Lite Filter Sleeve is safer, brighter and less expensive than standard yellow bulbs. Available in 24", 48", and 96" lengths.



RED SAFELIGHT:

A safe, economical way to convert standard fluorescent lamps into safelights. Simply slip over any fluorescent lamp and attach the black end caps. Will not fog film or paper yet provides 40% more light than incandescent safelights.

Codes:	Gold:	Red:	Length:
	BLG-24	BLR-24	24"
	BLG-48	BLR-48	48"
	BLG-96	BLR-96	96"



BRIGHTLAB SAFELIGHT BULBS

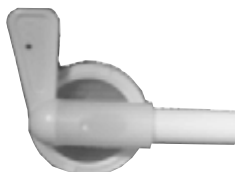
Simply screw in safelight bulbs and flood your darkroom with 360 degree Ortho-safe light. Available in two sizes. The Maxi is 25 watts, the Mini is 11 watts.



Code:	
MAXI	25 watt Brightlab Safelight Bulb
MINI	11 watt Brightlab Safelight Bulb

POURING SPOUT

Plastic pouring spouts for chemistry 2.5 and 5 gallon cubes and storage jugs.



Code: **PS** Pouring Spout

PROCESSING TONGS



Keep your hands dry with these tongs made from flexible high-impact plastic. The ends are fitted with soft rubber tips to protect delicate film and paper.

Code: **TONGS** 3/pkg

CELLULOSE SPONGES

A high quality photographic fine-pore sponge for use in the plate room and dark room. Fine pore sponges available in three sizes.



Code:	Size:
6AF	6" x 3 1/2" x 1"
8AF	6" x 4" x 1 1/2"
10AF	7" x 4 1/2" x 2"

OPAQUE BRUSHES

Red Sable, meticulously crafted, points well and holds its shape. Seamless ferrules on hardwood handles. Eleven sizes available.

Code:	Size:	Code:	Size:
OB-000	3/0	OB-4	4
OB-00	2/0	OB-5	5
OB-0	0	OB-6	6
OB-1	1	OB-7	7
OB-2	2	OB-8	8
OB-3	3		



DELUXE MEASURING CYLINDERS

High quality measuring cylinder is graduated in ounces and milliliters. Made from clear polystyrene with accurate easy to read markings.

Code:	MC-16	16 ounce capacity
	MC-32	32 ounce capacity



NATURAL SEA SPONGES

For those who prefer a natural sponge. Available in three sizes.

Code:	Size:
6NS	Small - 6" to 6 1/2"
8NS	Medium - 7 1/2" to 8"
9NS	Large - 8 1/2" to 9"



Loupes -Magnifiers

LINEN TESTER

LT-8B Solid metal construction with 1" X 1" base. Two LED lights with 8 power magnification. Includes battery.

LT-1 Linen Tester gives clear, sharp definition. Has 1" x 1" metal base opening with 6 power magnification.

LT-30 magnifier is a plastic foldout magnifier featuring a 5x power 30 mm lens. The LT-30 contains markings in both inches and centimeters for easy measuring of small parts.

LT-10 magnifier is a 10 power foldout magnifier with a LED light to aid in viewing. Viewing base is 3/8" square. Includes batteries.

Code:

LT-8B 8X 1 x 1 Metal base lighted

LT-1 6X 1" x 1" Metal base

LT-30 5X 1" x 1" Plastic base

LT-10 10X 3/8" x 3/8" Plastic base



CUBE LOUPE

This economical, yet extremely sharp 8X loupe is ideal for the Graphic Arts industry. The clear base allows light to enter, making it perfect for viewing transmitted or reflected copy.



Code: **LOUPE-CU**

CIRCLE LOUPE

Magnifier has pre-focused dual lenses for close-up examination of objects, while its transparent acrylic base allows ambient light to illuminate the subject for bright, clear viewing. The 10x loupe can come with a snap-on reticle that lets you make accurate measurements in both millimeters and inches.

Code: **LOUPE-C1** 10 power
LOUPE-C2 15 power



INSTANT TYPE SIZE FINDER

An 8X achromatic magnifier with scale for measuring type 4 point through 36 point and 1/2 point and .005 scale through 72 points (1"). This 8X magnifier has a unique measuring system for quickly and accurately finding type sizes including serif and sans serif faces. Use it to identify font weights, symbols, line weights and leading.



Code: **MAG-ITF**

12X INSPECTION LOUPE

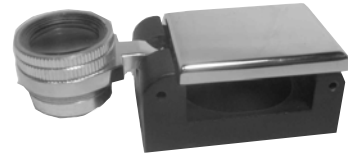
High resolution coated optics make inspection of halftones and line copy a snap. This loupe has a triple lens, easy focusing plus a swing base for easy carrying.



Code: **LOUPE-12**

12X FOLDING BASE LOUPE

Self contained loupe that can be folded to protect optics. Includes case.



Code: **LOUPE-12F**

PRINTER'S LOUPE

Mounted in nickel plated case. Recommended where greater magnification is needed. Rated at 16 power magnification.



Code: **LOUPE-16**

12X CLEAR BASE LOUPE

A 12x focusing loupe combined with a clear base that is also a 3 power magnifier.



Code: **LOUPE-CB**

10X LIGHTED LOUPE

A 10X lighted focusing loupe. Size is 3 1/2" x 1 1/2" x 3/4". Takes 2 AAA batteries (not included).



Code: **LOUPE-LL**

LIGHTED MICROSCOPE

MicroMax LED™ is a powerful 60-100x magnification microscope with an extremely lightweight and portable design. Features a built-in LED light that provides a bright, clear image and a rubberized eyepiece for comfortable viewing.



Code: **MM-200**

FILM OPAQUE



General Graphic Lith-O-paquer II Red Opaque Pens are waterproof, smudge proof and lightproof. These silky smooth flowing pens feature a special formulation of UV absorbers from even the strongest light sources. The even-flowing marker nibs lay down a rapid-drying, thin red opaque film that doesn't build up, creep, spread, chip or crack.

Code: **OP-N** needle point
OP-F fine point
 Code: **OP-M** medium point
OP-W wedge nib

Mark-tex Black Opaque Pens contain a specially formulated water resistant ink that blocks light transmission.

Code:
1100 fine black
1102 broad black

ILLUSTRATOR BLUE MIRAGE PENS



Blue Mirage felt tip pens deliver consistent clog-free ink flow, dry instantly, won't smear, and are totally unaffected by rubber cement. Ideal for guidelines, holding lines, mechanicals, stripping, or indicating copy changes. The XX Micro Point is the choice for any line you don't want to reproduce.

Code: **IP** Illustrator Pen Non-Repro Blue

NON-REPRO BLUE PENCILS



A proven classic - used by printers and creators for years. This non-repro blue pencil has a medium-soft lead that works and rules with ease.

Code: **NP-P**

SHARPIE PERMANENT MARKERS

Writes on flats, film, plates, tape, and other materials. Marks almost anything with a bright, legible, non-smear color. The Sharpie Marker's tough, resilient tip produces a quick-flow ink that dries fast, resists water and stays permanently. Comes in your choice of three point sizes,

Code:
SP-F fine black
SP-FB fine blue
SP-FR fine red
 Code:
SP-EF extra fine black
SP-EFB extra fine blue
SP-EFR extra fine red

METAL PLATES

IMAGE REMOVER

Delete images and scratches from metal offset plates that are still on the press. Will not affect the plate coating. Comes in fine and broad.



Code: **2200** fine
2201 broad

IMAGE ADDITIONER

Allows you to write directly on metal plates while they're still on the press. Will not affect the plate coating. Use fine point to repair type and broad point to fill holes in solids.



Code: **2100** fine
2101 broad

SILVER MASTER PLATES



IMAGE REMOVER PENS instantly remove shadows from the plate, even if it is still on the press, making the print area non-receptive to ink. Made to be used on Itek, Megalith or any Silver Master plate. Comes in two sizes, with two brands to choose from.

Code: **4100** fine
4101 broad
GG-SF General Graphic fine
GG-SB General Graphic broad

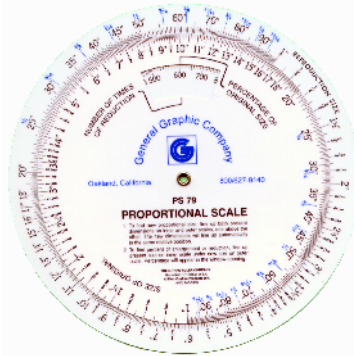


Scales and Rulers

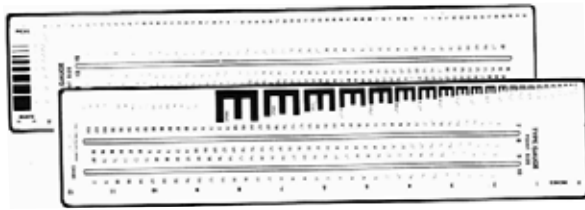
PROPORTIONAL SCALE

A scale to calculate the percentage of reductions and enlargements for camera or copier sizing. Available in two sizes.

Code: **PS-79** 6"
PS-80 8"



E SCALE



Used to measure type size from 6 point to 100 point. Measurements include points, picas, agate and inches.

Code: **GA-88**

SCREEN DETERMINER SCALE

To ascertain the screen count of a halftone reproduction.

Code: **SF-118**

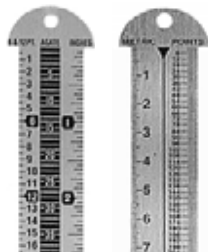


LINE GAUGES

Series 712:

Two-sided line gauge. Front side has 6 and 12 point, picas, inches and agates; back side has points and metric.

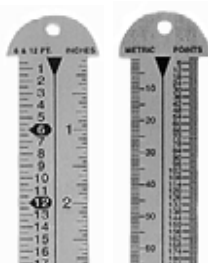
Code: **712-12** 12"
712-18 18"



Series 612H:

Two sided line gauge. Front side has 6 and 12 point and inches in 1/16 increments; back side has metric and point scale.

Code: **612-12** 12"
612-18 18"
612-24 24"



8

GA-86 GRAPHIC ARTS RULER



Plastic ruler measures in inches and picas. Includes proofreader symbols, E Scale and screen tints in 10% increments. Size is 2" x 18".

Code: **GA-86**

POCKET RULER



Stainless steel pocket ruler with clip. Measures picas and inches. Size is 1/2" x 6".

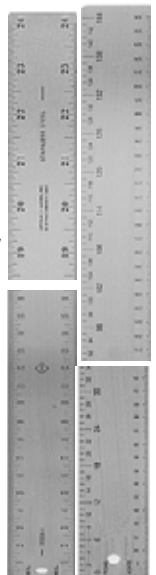
Code: **IP-6**

STEEL RULERS

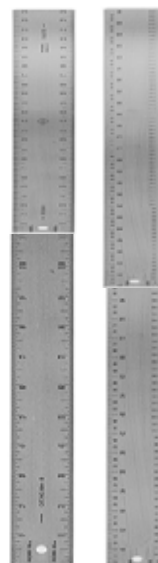
Series 604B:

This two-sided ruler is available in a 24" length only. It is 1 1/2" wide and .032" thick. The front has inches in 16ths on the top and in 32nds on the bottom. The back has picas/half-picas on the top and agate lines on the bottom. This ruler has a flush start and indented finish on both sides.

Code: **604B** 24"



Series 604:



This **two-sided ruler** is 1 1/2" wide, .032" thick, and available in 24" and 36" lengths. The front has inches in 16ths on the top and bottom and a type gauge slit on the left giving the type size markings from 5-30 points. The back has picas/half-picas on the top and agate lines on the bottom.

Code: **604C-24** 24"
604C-36 36"

MASTERLINE MASKING SHEETS

MASTERLINE pre-ruled masking sheets are customized for specific press models and sizes, and include all reference margins, head margins, center lines, image areas, start of print lines, paper stops, and more.

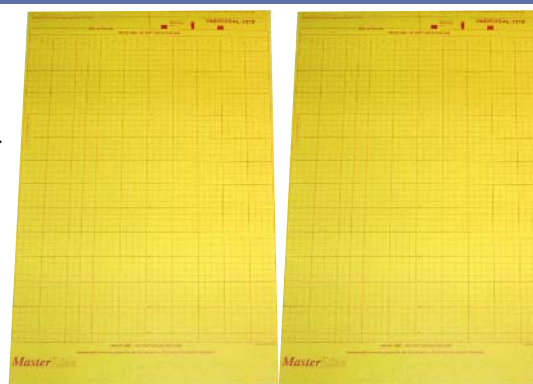
Code:	Press:	Size
A.B. Dick		
MS-ABD360A	A.B. Dick 360	11 1/4" x 18 5/8"
MS-ABD375	A.B. Dick 375	13" x 18 5/8"
MS-ABD360L	A.B. Dick 360L	11 1/16" x 19"
MS-ABD9800	A.B. Dick 9800 Series	13 1/8" x 19 15/16"
MS-ABD385	A.B. DICK 385	23" x 19 3/8"
HAMADA		
MS-H600	Hamada 600	11 13/16" x 18 1/4"
MS-H700	Hamada 700/770	18 1/2" x 16"
MS-HC248	Hamada C248	15 7/8" x 19"
RYOBI		
MS-2800	Ryobi 2800/Ittek 960	11 1/2" x 18 1/2"
MS-2800XL	Ryobi 2800CDXL	11 9/16" x 19 3/8"
MS-3200	Ryobi 3200/Ittek 975	13" x 19 1/2"
MS-3302	Ryobi 3302/Ittek 3985	13 1/4" x 19 1/4"
MS-R512	Ryobi 512/520	20 3/16" x 15 3/4"
HEIDELBERG		
MS-TOK	Heidelberg TOK	10 5/8" x 15 3/8"
MS-QM46	Heidelberg Quickmaster	13 3/4" x 20"
MS-GTO46	Heidelberg GTO 46	18" x 15"
MS-GTO52	Heidelberg GTO 52	20 1/4" x 15 7/8"
MS-KORD64	Heidelberg KORD 64/62	25 3/4" x 21 5/8"
MS-KORS	Heidelberg KORS	28 1/2" x 24 1/4"
MS-SORK	Heidelberg SORK	25 5/8" x 21 5/8"
MULTI		
MS-M1250LW	Multilith 1250LW	11 1/8" x 18 3/16"
MS-M1360	Multilith 1360	12 3/4" x 18 7/32"
MS-M1850	Multilith 1850	18 1/8" x 15 1/8"
UNIVERSAL		
MS-U1015	Universal 10 x 15	10 1/4" x 16 1/16"
MS-U1117	Universal 11 x 17	11 1/4" x 18 1/2"
MS-U1319	Universal 13 x 19	13 1/8" x 19 7/8"
MS-TAND17	Didde Glaser Tandemer 17	13 1/2" x 18 1/4"

RED LITHO TAPE

For all masking jobs. Translucent red color masks out light. Available in five sizes. Comes with 3" core, 72 yard length.



Code:	Size:
616-1-4	1/4" roll
616-3-8	3/8" roll
616-1-2	1/2" roll
616-3-4	3/4" roll
616-1	1" roll



PLASTIC REGISTER TABS

Precision made of tough, thick polyester for dimensional stability, these tabs allow precise alignment and positioning. Package of 250.



Code:

TAB-N

Non-Adhesive 1/4" Round



TAB-A

Adhesive 1/4" Round

TAB-HS

Adhesive 3/16" x 1/4" Horizontal Slot



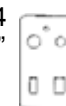
TAB-VS

Adhesive 3/16" x 1/4" Vertical Slot



TAB-U1

Universal tab with 1/4 Round, 1/4" Slot, 1/8" Pin, 3/16" Round, 3/16" Slot



TAB-U2

Universal adhesive tab with 1/4" Round, 1/4" Slot, 1/8" Pin, 3/16" Round, 3/16" Slot in dispenser box.



HOLE REINFORCING TABS

Maintain precise registration with these precision machined polyester tabs.



Code:

HR-1 1/4" Round 250/box

Ihara Densitometers

COLOR REFLECTION DENSITOMETER

Ihara Densitometers utilize advanced microputer technology to ensure superior performance and reliability. The densitometers have commands that are menu driven. The design is upgradeable so you can later increase the capability. Measuring range of density is from 0.00 to 2.500. These units will do approximately 4,000 measurements between charges.

Accuracy is plus or minus .020. Weight is 1.2 pounds. Size is 2 3/4" W, 2" H, and 8 1/4" L.

MODEL R710 The R710 has quick calibration function to measure both density and density difference.



Code: **R710**

MODEL R720 The R720 measures density, density difference, dot area, (Murray-Davies or Yule-Nielson), and dot gain. The auto function will automatically measure density and dot gain.



Code: **R720**

MODEL R730 In addition to the above functions of the Model R720, the Model R730 also measures ink trap, print contrast, hue error, grayness, saturation, cast, brightness, and dot analysis (Print Characteristics Curve). Auto functions include density, dot gain, and ink trap.



Code: **R730**

VT-101 DIGITAL MICROSCOPE

The VT-101 portable digital microscope for examining small details in various applications. This handheld digital microscope has adjustable magnification from 7x ~ 108x. The manual focus capability allows the user to attain the sharpest focus in any environment.



This multi-versatile device can capture and store up to 60 images. The captured images can be transferred to your computer (PC) via the USB cable connection. Additional functions like image compare (side-by-side comparison), distance measurement, grayscale, emboss, inverse and others are available with the included software.

Code: **VT-101** Digital Microscope

DIGITAL USB MICROSCOPE

UM-02 digital USB microscope is ultra compact and multi-versatile. It has a 2M pixels CMOS image sensor, adjustable focus control, and adjustable LED illumination to deliver the sharpest image with superb clarity. The UM-02 can be used as a digital microscope, camera, video recorder as well as a web camera. Each UM-02 digital USB microscope comes with multifunctional software which includes image capture, side-by-side comparison, save image and video, and image process including gray scale, black and white conversion, edge detection, and measurement mode.



Code: **UM-02** Digital Microscope

STOUFFER SCALES/GUIDES



CAMERAMAN'S 12 STEP GUIDE: Helps produce line negatives of consistent quality, density and line fidelity regardless of the many variables encountered in exposure and processing.



PLATEMAKER'S 21 STEP GUIDE: This transparent guide serves as a gauge to evaluate the variables encountered in the exposure and processing of lithographic plates and photographic materials by contact.

Code: **12-STEP** Cameraman's Reflection Guide
21-STEP Platemaker's Transparent Guide

Measurement Tools

DIGITAL THICKNESS GAUGE

Measuring Range: 0.600 In., 15 mm
Minimum Measuring Range: 0 mm
Resolution: 0.0005 In., 0.01 mm

The PTG-D digital thickness gauge is both economical and highly accurate. It measures from 0 to 0.6 inches or 15 mm. Resolution is 0.0005 inches or 0.01 mm. Clear digital display.

Code: **PTG-D** Digital Thickness Gauge



DOT INSPECTOR

The Dot Inspector is the ideal tool to precisely see the various print media outputs. Depending on the magnification, the Dot Inspector will enhance the image by illuminating the viewing area with different color LEDs.

The Dot Inspector is an excellent tool to check printed sheets, plates, and proofs.

Each Dot Inspector comes complete with a carrying case, two AAA alkaline batteries, handy strap, operation manual, and the selected magnifier. Three models are available depending on the magnification desired.

Code:

DI20	20X (DOT-20X)
DI30	30X (DOT-30X)
DI50	50X (DOT-50X)



POCKET THICKNESS GAUGE



Easily held in natural grip. Ideal for measurement of plates, packing materials, paper, blankets or wire. Fraction and decimal equivalents on back of case. Dial diameter is 1 7/8". Accuracy is up to 0.001". Measuring capacity is .5 inches.

Code: **PTG-1** Thickness Gauge
PTG-M Metric Pocket Thickness Gauge



Designed to accurately measure paper, laminates and plates. Dial face is 2 5/8" in diameter. Lever activated measurement accurate up to 0.001" Measuring capacity is .5 inches.

Code: **PTG-B**

MICROMETER



Range of 0" to 1" with readings of .001". Friction thimble, locking spindle. Ideal for measuring paper, blankets and packing materials.

Code: **M-1**

DIAL CALIPER



Six inch capacity caliper with easy to read dial. Measures accurately up to .001". Tough as steel, super polymid, corrosion resistant. Includes carrying case.

Code: **CALIPER**

Pantone* & Dust Blaster

COLOR FORMULA GUIDE

The FORMULA GUIDE is a necessary tool for graphic designers, pre-press professionals and printers. This two-guide set contains 1,114 PANTONE Colors on coated and uncoated stock with ink mixing formulas. The latest edition now includes an RGB icon indicating colors achievable on-screen. Colors that bear both the RGB and CMYK icons are ideal choices for designs that will span cross-media.



Code: **PT-GUIDE**

COLOR BRIDGE

The Color Bridge Guide helps determine how a PANTONE Color will appear when reproduced in CMYK and allow for creating optimal display of PANTONE Colors on monitors and Web pages.

The guide has improved process matches and updated CMYK screen tint percentages. Greater utility with sRGB and HTML values added for solid colors. Increased color area with taller, wider layout.



Code: **PT-BR** Color Bridge Coated
PB-BRS Color Bridge Coated/Uncoated

4-COLOR PROCESS GUIDE

The spot color alternative, the PANTONE 4-COLOR PROCESS GUIDES contain over 3,000 chromatically arranged CMYK color combinations on coated and uncoated stock. These guides are an ideal way to visualize, communicate and control colors for type, logos, borders, backgrounds and other graphics treatments. Screen tint percentages are provided to enable accurate color reproduction.

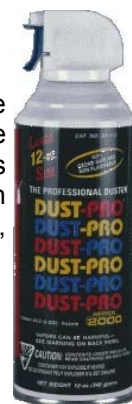


Code: **PT-PROCESS** 4 Color Process Guide

DUST BLASTER

44/DL Disposable

Disposable Dust Blaster 44/DL is 100% ozone safe and non-flammable. Dust Blaster is triple filtered to 0.2 microns for extreme purity and is completely dry, leaving no residue. A built-in valve with plastic nozzle makes it easy to use, and when empty, it is completely disposable.



Code: **DB-44DL** 10 oz

44/RL Refill

The Dust Blaster 44/RL is a refill can using a one-piece removal valve. This valve may be removed at any time. Dust Blaster refills are triple filters to 0.2 microns for extreme purity and is completely dry, leaving no residue.



Code: **DB-44RL** 10 oz

44/RL Valve

A one piece valve that is threaded to screw onto the Dust Blaster 44/RL refill can. The valve may be removed at any time. Chrome plated base with an extra long 3 1/2" nozzle.



Code: **DB-44V** Dust Blaster Valve 1 piece

Dust Blaster Valve

Works both with Dust Blaster and with Dust-Off standard refills. The two-piece design features a clip for the can and the valve that screws into the clip and punctures the can. Valve may not be removed until the can is empty.



Code: **DB-N** Dust Blaster Valve 2 piece

PH TESTER

CHAMP PH TESTER: An economical pH pocket tester with manual 1 point calibration, Range: 0.0 to 14.0 pH and Accuracy: ± 0.2 pH. The Champ is a combination of an electrode with an LCD where the measurement is displayed.

pHep: An economical pH pocket tester with a Range: 0.0 to 14.0 pH, Accuracy: ± 0.1 pH and a manual 1 point calibration.

pHep+: Combines the pHep's characteristics with automatic temperature compensation (ATC) and calibration at 2 points. ATC measures the temperature of the sample and compensates the pH reading relative to the temperature of the pH bulb. Precision is increased by this feature even in quick measurements.

All the above are rated for battery use of 150 hours continuous use.

Code: **PH-C** Champ pH Tester
PH-P pHep pH Tester
PH-PP pHep + pH Tester

CONDUCTIVITY TESTER

DIST3 AND DIST4: An affordable pocket tester that ensures precise EC and TDS readings. Simply immerse the tester in the solution and the reading will be clearly displayed. The DIST3 and DIST4 read in $\mu\text{S/cm}$. Automatic temperature compensation ensures correct readings. The digital display allows the operator to see the readings from every angle. Calibration is very simple to perform: immerse the tester in the calibration solution and adjust the trimmer on the rear of the meter until the correct value is displayed.

	Dist3	Dist4
Range	1990 $\mu\text{S/cm}$	19900 $\mu\text{S/cm}$
Resolution	10 $\mu\text{S/cm}$	100 $\mu\text{S/cm}$

The below specifications apply to both models:

Accuracy	$\pm 2\%$ F.S.
Calibration	manual, 1 point, through trimmer
Temp. Comp	automatic, 5 to 50°C (41 to 122°F)
Battery Type / Life	4 x 1.5V / approx. 150 hours of continuous use

Code: **DIST3** 1990 $\mu\text{S/cm}$
DIST4 19900 $\mu\text{S/cm}$

CALIBRATION/BUFFER SOLUTIONS

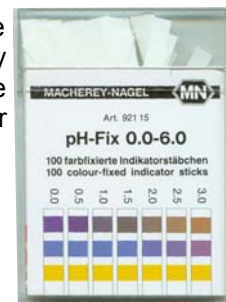


Solutions for the calibration of pH and conductivity meters. All solutions certified NIST Standard. All come in 230 ml bottle.

Code: **pH4** pH Buffer Solution 4.01
pH7 pH Buffer Solution 7.01
DISTC 1413 $\mu\text{S/cm}$ Calibration Solution

PH-FIX INDICATOR STICKS

Measurement of pH value is possible even in unbuffered or very weakly buffered solutions. pH sticks can be left in the solution until the final color is completed. 0-6.0 range.



Code: **pH** pH Strips 100/box

ALCOHOL TESTER



The **Alcohol Tester** uses temperature compensated plastic balls which are compounded to allow for the presence of eth and gum arabic, and cover the alcohol range from slightly above the optimum 25% by volume down to 0%. The Alcohol Tester is effective over a temperature range of 40° F to 90° F.

Code: **AT-1**

Cleaners and Dust-Off

LAS-CLEAN - EX

Ideal solution for cleaning laser plates. Eliminates toning and provides sharper and brighter reproductions. Will not affect image.



Code: **LC-Q** quart

CYLINDER CLEANER AND DESENSITIZER

Specifically designed to cut clean up time at the end of press run. Apply on chrome rollers and cylinder. Prevents ink from sticking or building up. Removes other build-ups easily.



Code: **CYL-CLEAN** quart

GLISTEN GLASS CLEANER

Keeps your camera and tables smudge free. **Glisten** cleans while leaving a sparkling, dirt resistant surface. Will not run or scratch. Fresh lemon smell. Size is 19 ounce can.



Code: **GLISTEN**

METAL PLATE CLEANER

This non-abrasive cleaner for aqueous coated plates removes smudges, dirt, gum and oxidation as well as light scratches without abrading or scratching the plate surface. This highly effective cleaner contains no pumice and leaves no residue on the plate.



Code: **PL-CLEAN** quart

RUBBER ROLLER CLEANER

Deep cleans all rollers and removes hardened ink and stains. It also does an excellent job of deglazing rollers. Rubber Roller Cleaner is a non-abrasive cleaner that is compatible with all presses. Great for color changes especially dark to light. Can also be used with rubber rollers on bindery equipment.



Code: **RR-CLEAN** quart

INK-SAV-R

Prevents ink and varnish from skinning in cans and fountains. Keeps ink open when sprayed on rollers. Will not affect the ink or varnish. Used by printers and ink manufacturers everywhere. Size is 14 ounce can.



Code: **INKSAV-R**

DUST-OFF XL

A disposable duster which removes dust and lint with moisture free blasts of pure air. Dust-Off is 100% ozone safe.



Code: **DO-XL** 10 oz

DUST OFF REFILL

For use with Dust Off, Dust Off Plus and Dust Off Vector Valve systems. One hundred percent ozone safe. Comes in 10 ounce refill.



Code: **DO-R** Refill

DUST OFF PLUS WITH +VECTOR VALVE®

The valve rotates 360 degrees with a 180-degree vertical orientation. Provides amazing range and versatility. One-of-a-kind nozzle allows you to keep duster upright while delivering a cleaning blast to difficult-to-reach areas. 100 ozone safe.



Code: **DO-V**

RUBBER ROLLER CLEANER & REJUVENATOR

Returns life to ink-laden, hardened rollers and blankets. Removes glaze resulting from gum, friction, ink, coatings, oxidation and light embossing. Restores velvety-smooth surface.



Code:
SW-203 Rubber Roller
Cleaner 13 oz

LUBRICANT SILICONE FREE

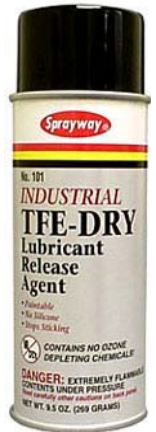
Lubricates, penetrates, displaces moisture, prevents rust. Fine, thin coat keeps parts operating smoothly. Silicone-free.



Code:
SW-090 RD-90 11 oz

TFE-DRY LUBRICANT RELEASE AGENT

Dual purpose agent for picture framers, graphic artists, and industrial applications. Lubricant for machine parts, and molds. Release agent - ideal on binds, conveyors, printing screens, and other equipment. 500° F heat resistant.



Code:
SW-101 TFE-DRY Lubricant 9.5 oz

SOLVENT CLEANER & DE-GREASER

Removes grease, dirt, oil and ink instantly. It is quick drying, non-flammable and low in toxicity.



Code:
SW-063 Solvent Cleaner 16 oz

ORANGE CITRUS CLEANER

Cleans, deodorizes and degreases parts, work areas, walls, and floors. Ecologically safe; formulated with orange citrus solvents. Contains no chlorinated solvents.



Code:
SW-985 Citrus Cleaner 20 oz

FILM CLEANER

Cleans positives and negatives. Removes tape marks, grease, pencil, ink, dirt, lint, smudges, fingerprints. Leaves no residue. Quick drying.



Code:
SW-205 Film Cleaner 16 oz

SPRAY ADHESIVE

For layouts, display assembly, labeling, etc. Quick-tack, non-wrinkling, water resistant. Creates a pressure sensitive surface for temporary or permanent bonds.



Code:
SW-066 Spray Adhesive 11 oz

3M SPRAY ADHESIVES

Super 77 for permanent bonding most materials including paper, plastics, foams and foils.

Spray Mount 6065 Artist's Adhesive is excellent for short term bonding for making layouts, creating package designs, or photo compositions.

Code: **77** Super 77 13 1/2 oz
Code: **6065** Spray Mount 10 1/2 oz



Press Chemistry and Lubricants

HYDRAULIC OIL

A quality high grade hydraulic oil for LAWSON and POLAR paper cutter hydraulic systems and graphic arts machines with similar systems.

Code: **127-G** gallon

A quality high grade hydraulic oil for CHALLENGE and CHANDLER & PRICE paper cutter hydraulic systems and graphic arts machines with similar systems.

Code: **129-G** gallon



DCB-2010

DCB-2010 is a no VOC roller and blanket wash. It works quickly on all inks, has low order and is safe to store and use. Available in plastic container either 1 or 5 gallons.

Code:

DCB2010-G 1 Gallon
DCB2010-5 5 Gallon

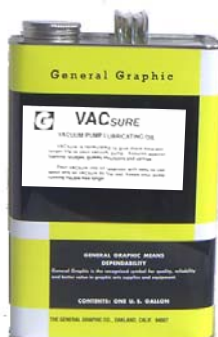


VAC-SURE VACUUM PUMP OIL

VAC-SURE is formulated to give more efficient, longer life to your vacuum pump. Ensures against foaming, sludge, gummy emulsions and varnish deposits.

Code:

VS-Q quart
VS-G gallon



RUBBER REJUVENATOR

One step rejuvenator removes glaze and varnish while restoring resiliency to rubber. Controlled drying speed to facilitate deep penetrating qualities. High flash point.

Code:

RR-Q 1 quart
RR-G 1 gallon
RR-5 5 gallon



PRESS OIL

Available in both 20 and 30 weight oil. Contains corrosion and oxidation inhibitors. API Service Designation: SF/CC-CD.

Code:

SAE-20-G 20 weight gallon
SAE-30-G 30 weight gallon



TYPE CLEANER H-410

An **economical type wash** for general printing plant use. Safely cleans type, metal plates, cuts, fountain rollers, and all metal surfaces. Dissolves ink fast, leaves no residue or gum. Great for cleaning ink mixing surfaces.

Code:

H410-G 1 gallon
H410-5 5 gallon
H410-55 55 gallon



UPS Hazardous Shipping Charge May Apply

Plate Punches/Copy Check/Wedges

OFFSET PLATE PUNCHES



MODEL OP/25 punches pin bar plates up to 12 1/2" in one motion. Extended register guide permits punching wider sheets. 25 pins, 1/2" center to center.

MODEL OP/36 punches plates up to 18" in one motion. Extended register guide permits punching wider sheets. 36 pins, 1/2" center to center.

MODEL PM-25 PUNCHMASTER punches paper, polyester and metal plates. Punches 25 pins, 1/2" center to center.

Code: **OP-25** Model OP/25
OP-36 Model OP/36
PM-25 Punchmaster

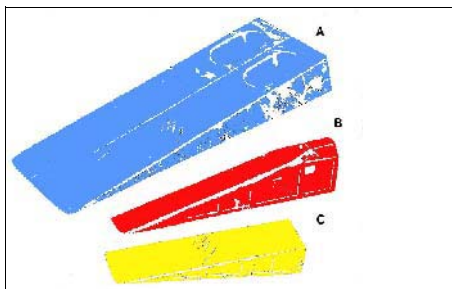
PLASTIC SQUEEZE BOTTLES



Durable plastic squeeze bottles for holding a variety of chemicals. These 16 ounce and 32 ounce bottles have "flip-top" caps.

Code: **SQ-16** 16 ounce capacity
SQ-32 32 ounce capacity

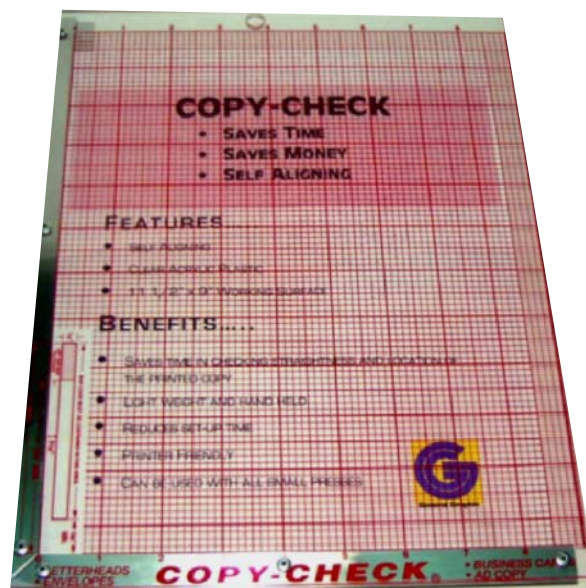
PLASTIC PILE SEPARATORS



For the leveling of stacked paper. Permits close adjustment and prevents misses, dragging and folding under.

Code: **WEDGE-A** 8" x 3 1/4" x 1" rise
WEDGE-B 6" x 3/4" x 1 3/8" rise
WEDGE-C 4 3/4" x 1 1/2" x 1" rise

COPY-CHECK



The **COPY-CHECK** is ideal for checking the straightness and location of the printed copy. The **COPY-CHECK** has a working surface of 11 1/2" x 9". A red solvent resistant grid is printed on the surface. An added feature includes a gridded area designed for envelope alignment including bar code location.

Code: **CC-1**

Press Supplies

CLEAN-UP SHEETS

Two sided, heavy weight, high wet strength and absorbency, resists tearing. Package contains 100 sheets. Five packages per carton.



CODE:	PRESS/MODEL:	SIZE:
C-A360	A.B. DICK 360/367	11 1/16" x 18 5/8" PB
C-A9800	A.B. DICK 9800 SERIES	13" x 19 3/8" PB
C-M1250	MULTI 1250, 2550	10 1/8" x 15 1/16" PB
C-M1250W	MULTI 1250W	11 1/16" x 18 1/8" PB
C-M1850	MULTI 1850	18 1/8" x 15 1/8" PB
C-C15	A.T.F. CHIEF 15	10 1/8" x 15 1/16" PB
C-C15S	A.T.F. CHIEF 15	10 1/8" x 15 1/2" SL
C-C17	A.T.F. CHIEF 17	11 1/16" x 18 1/16" PB
C-H600	HAMADA 600	11 7/8" x 18 1/8" PB
C-H700	HAMADA 700	15 1/2" x 18 1/2" PB
C-R2800	RYOBI 2800/ITEK 960	11 3/8" x 18 5/8" PB
C-R3200	RYOBI 3200/ITEK 975	13" x 18 5/8" PB
C-R3200-19	RYOBI 3200 LC/ITEK 975	13" x 19 3/8" PB
C-R3200MCD	RYOBI 3200 MCDITEK 975	13 5/8" x 18 5/8" PB
C-R3200MCD-19	RYOBI 3200 MCD-LC ITEK 975 XL	13 5/8" x 19 3/8" PB

NON-OFFSET POWDER

Finely granulated to a consistency required for all normal jobs. Free flowing, non-lumping, non-sticking. Minimum amounts may be used to prevent ink offsetting. A vegetable product which meets all food and drug standards.



GRADE 20 - FINE

For fine copy, half tones and light forms. 20 Microns.

GG-20-10 10 lb/carton

GG-20-50 50 lb/carton

GRADE 30 - MEDIUM FINE

Universal grade for all types of printing. 20/25 Microns.

GG-30-2 2 lb/carton

GG-30-10 10 lb/carton

GG-30-50 50 lb/carton

GRADE 40 - MEDIUM

For cartons and heavy inks. 25 Microns.

GG-40-10 10 lb/carton

GG-40-50 50 lb/carton

WASH UP BOTTLES



Durable plastic wash bottle with bent right angle spout for easy wash up. Available in 16 ounce and 32 ounce sizes.

Code:

WU-16 16 ounce capacity
WU-32 32 ounce capacity

INK GRABBER



The Ink Grabber is a nylon mesh bag filled with an absorbent material that will soak up and remove emulsified ink from a circulating solution of fountain etch, and maintain its effectiveness longer. The Ink Grabber floats on the surface of fountain solution and picks up floating and suspended ink.

Code: **INKG**

PRESS SUCKERS



ABD-SU A.B. Dick molded suckers. For all presses with 1/4" bottom tube. 12/Pkg

HAM-SU For Hamada presses. 12/Pkg

RYI-SU For Ryobi presses. 12/Pkg

SHEET SEPARATORS

(Cat Whiskers)



SS-HAM Hamada/Multilith 12/Pkg

SS-CHF Chief/ATF 12/Pkg

SS-RYI Ryobi/Itek 12/Pkg

Other sizes available.

PANTONE INK MIXING SCALE

The **PANTONE Formula Scale LC** has been developed specifically for producing smaller mixes of PANTONE Color Inks.



The PANTONE Formula Scale LC has an enhanced weighing resolution of 0.1 grams, so accurate mixes of very small quantities can be achieved, from just a few grams, up to a maximum of 1,000 grams. For those who still like to work with imperial measures, the scale can also be set to work in pounds with a capacity up to 2 lbs.

A key feature of this model, as with all the PANTONE Formula Scales, is that the formulas for mixing the PANTONE colors are already programmed into the scale's memory.

Code: **PFS2**

OHAUS DIGITAL INK SCALES

SCOUT

The Ohaus Scout Scale is an economically priced measuring scale that can be used for a variety of tasks. Features large high contrast LCD display and stainless steel pan. Three models available with capacity from 600 grams to 4000 grams. Readability in grams is 0.10. Measures in ounces, grams, or counting mode. Pan area is 5" x 5 3/4".



Code: **SCOUT** 600 gram/21 ounce capacity
SCOUT-2 2000 gram/71 ounce capacity
SCOUT-3 4000 gram/142 ounce capacity

ADVENTURER PRO

The Ohaus Adventurer Pro weighs a maximum of 4100 grams (approx. 9 lb.) Readability is 0.1 grams. The Adventurer Pro will measure in ounce, pound, kilogram, and gram. Large display is 4" x 1". Platform size is 5.8" x 6.3".



Code: **AV4101**

TRIPLE BEAM INK SCALE

Available in metric only. Comes complete with set of weights. Holds a maximum of 5 pounds.



Code: **TBM** Metric (grams)

EC SERIES COUNTING SCALE

The Ohaus EC counting scale, with minimum Average Piece Weights (APW) from 0.01 g to 0.1 g features 10 memory locations. 600,000 internal resolution ensures fast, accurate counting.



Numeric keypad offers fast entry of data. Platform size is 11.8" x 9". Three models to choose from.

CODE:	CAPACITY:	READABILITY:
EC-6	6,000 grams (13 lb)	0.2 grams (.0005 lb)
EC-15	15,000 grams (33 lb)	0.5 grams (.001 lb)
EC-30	30,000 grams (66 lb)	1.0 grams (.002 lb)

EB SERIES MULTIFUNCTIONAL SCALE

Weigh and count paper, and percent weigh. The Ohaus EB Series Scale is a multi-function weighing scale designed for light to medium industrial applications. With fast displayed results, multiple functionality and internal battery operation. The Ohaus EB Series offers versatility and dependability in one affordable package. Platform size is 11.6" x 8.9".



CODE:	CAPACITY:	READABILITY:
EB-6	6,000 grams (13 lb)	0.2 grams (.0005 lb)
EB-15	15,000 grams (33 lb)	0.5 grams (.001 lb)
EB-30	30,000 grams (66 lb)	1.0 grams (.002 lb)

Ink Knives

INK KNIVES/SCRAPERS



Code:	L x W (Blade):	
3S-1 1/2	3 1/2" x 1 1/2"	Stiff Ink Scraper
3S-2	3 1/2" x 2"	Stiff Ink Scraper
3S-3	4 1/8" x 3"	Stiff Ink Scraper
3S-4	4 5/8" x 4"	Stiff Ink Scraper
3F-1 1/2	3 1/2" x 1 1/2"	Flexible Ink Scraper
3F-2	3 1/2" x 2"	Flexible Ink Scraper
3F-3	4 1/8" x 3"	Flexible Ink Scraper
3F-4	4 5/8" x 4"	Flexible Ink Scraper

INK KNIVES



Code:	L x W (Blade):	
900-4	4" x 1 1/2"	Flexible Ink Knife
900-6	6" x 1 5/8"	Flexible Ink Knife
900-8	8" x 2 1/4"	Flexible Ink Knife
900-10	10" x 2 7/8"	Flexible Ink Knife
900-12	12" x 3 1/8"	Flexible Ink Knife

INK SPATULAS



Code:	L x W (Blade):	
5386-4	4" x 3/4"	Flexible Ink Spatula
5386-6	6" x 15/16"	Flexible Ink Spatula
5386-8	8" x 2 1/4"	Flexible Ink Spatula
5386-10	10" x 1 5/8"	Flexible Ink Spatula

INK SCRAPERS



Code:	L X W (Blade):	
9806E-3	4 1/2" x 3"	Flexible Ink Scraper
9806E-4	5" x 4"	Flexible Ink Scraper
9806E-5	5 1/2" x 5"	Flexible Ink Scraper

ROLL KNIFE AND LEATHER SHEATH



High carbon steel, glaze finish, square point, round burnt finish handle. Extremely sharp. Cuts through rubber, plastic, paper, etc. Roll Knife fits into a leather belt sheath which keeps sharp blade concealed while not in use.

Code:	X4X1S	Roll Knife 4" blade
	X5X1S	Roll Knife 5" blade
	SHEATH	Leather Sheath

SCREEN PRINTERS PALETTE KNIFE



A stainless steel, semi flexible blade with a taper grind and rosewood handle.

Code:	517-3	3"
	517-4	4"
	517-5	5"

PLASTIC INK KNIVES

Wood Handle:

Will not scratch Teflon coated ink fountains.

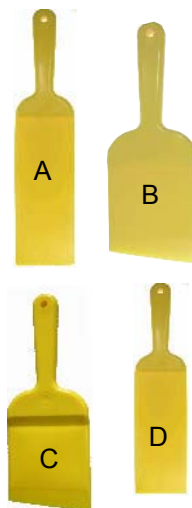
Code:	403-4	4" long x 2 7/8" blade
	403-6	6" long x 2 7/8" blade



All Plastic—Individual

Prevent costly roller damage with these highly visible yellow knives specifically designed for ink handling. The one-piece, solvent resistant polypropylene construction is durable and will not damage rubber, plastic, or Teflon parts. Four sizes.

Code:	Blade Size:	Overall Length:
PK-A	3" x 7 1/2"	13 1/2"
PK-B	5 1/2" x 4 1/2"	11"
PK-C	4" x 4"	10"
PK-D	3" x 6"	11"



Plastic Ink Knife Set:

An inexpensive alternative to wood handle ink knives. Durable polypropylene make these knives tough, flexible and solvent resistant. Flexible blade. Color coded for process color.

Code:	Size:
KP-2	10 3/4" x 2 3/4" 4/set



Printing Press Blankets

PRINTING PRESS BLANKETS

GENERAL GRAPHIC 3-PLY BLANKETS

Code	Press	Around x Across
A350	A.B. DICK 350	15 3/16" x 10" Slotted
A360	A.B. DICK 360	18 1/2" x 10 5/8"
A360-11	A.B. DICK 360 11"	18 1/2" x 11"
A375	A.B. DICK 375	18 5/8" x 12 5/8"
A9800	A.B. DICK 9800	19 1/4" x 12 5/8"
A385	A.B. DICK 385	18 3/4" x 22 5/8"
C15	ATF CHIEF 15	15 3/16" x 10"
C17	ATF CHIEF 17	18 9/16" x 10 31/32"
H600CD	HAMADA 600CD/660	19 1/8" x 12"
H611	HAMADA 601-612	19 3/8" x 12"
H700	HAMADA 700	16 1/2" x 18"
H770	HAMADA 770	16 1/2" x 18 3/8"
H800	HAMADA 800	16 11/32" x 20 1/4"
M1250	MULTI 1250	15 3/16" x 10" Slotted
M1250W	MULTI 1250W	18 5/8" x 10 5/8"
M1250W-11	MULTI 1250W 11"	18 5/8" x 11"
M1360	MULTI 1360/1650	18 7/16" x 12 5/8"
M1850	MULTI 1850	16 1/16" x 17 5/8"
T4700	TOKO 4700	20 3/8" x 12 3/8"
T4750	TOKO 4750	20 3/8" x 13"

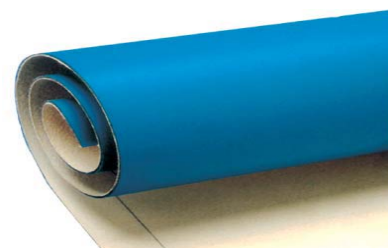
General Graphic 4-Ply Blankets

Code	Press	Around x Across
GTO-46	Heidelberg GTO-46	17 15/16" x 18 1/8"
GTO-52	Heidelberg GTO 52	17 1/2" x 20 1/2"
QM	Heidelberg Quickmaster	21 7/8" x 13 1/4" w/bars
MO	Heidelberg MO/SORK/SORKZ	22 1/4" x 26 5/8"
KORD-64	Heidelberg KORD 64	20 5/8" x 26 1/2"
KORS	Heidelberg KORS	23" x 29 3/8"
SORD	Heidelberg SORD	28 1/8" x 36"
KOM25	Komori 25/26	24 3/8" x 26 3/4"
H248	Hamada C248 C/H	16 1/4" x 18 1/2"

GENERAL GRAPHIC 5-PLY BLANKETS

Code	Press	Around x Across
2800	ITEK 960/RYOBI 2800	18 15/16" x 11 1/4"
2800XL	RYOBI 2800 XL	19 1/2" x 11 1/4"
3200	ITEK 975A/RYOBI 3200	18 15/16" x 12"
3200MCD	ITEK 975M/RYOBI 3200 MCD	18 15/16" x 13"
3200LC	ITEK 975XL/RYOBI 3200 LC	19 1/2" x 12"
3200MCD/LC	RYOBI 3200 MCD/LC	19 1/2" x 13"
3302	RYOBI 3302M W/Bars	19 1/2" x 13 1/2"

Other Sizes Available.



GENERAL GRAPHIC 3 PLY

A high performance compressible offset blanket for sharp dot reproduction and full, rich solids for coated and uncoated papers. The thickness is .067"/1.70 mm. The surface is sky blue in color and micro buffed. The blanket is economically priced.

GENERAL GRAPHIC 4 PLY

Similar blanket material to the 3 ply blanket. Thickness is .077"/1.95 mm. Blue with micro buffed surface. Very long press life at an economical price.

GENERAL GRAPHIC 5 PLY

Specially designed for Ryobi Presses, this 5 ply blanket is .101"/2.55mm in thickness. The blanket is compressible, green in color and has a buffed surface.

BLANKET FIX

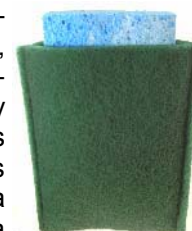
For correcting low spots and dents quickly without removing the blanket from the cylinder.

Code: **BFIX** 4 oz



BLANKET SCRUBBER

The Blanket Scrubber is used for cleaning, loosening, and lifting ink, gum, casein, clay, enamel, varnish, paper lint, and spray powder from the blanket as well as rollers and press frames. The Scrubber is a nylon pocket containing a cellulose sponge that holds a reservoir of solvent.



Code: **BSCRUB**

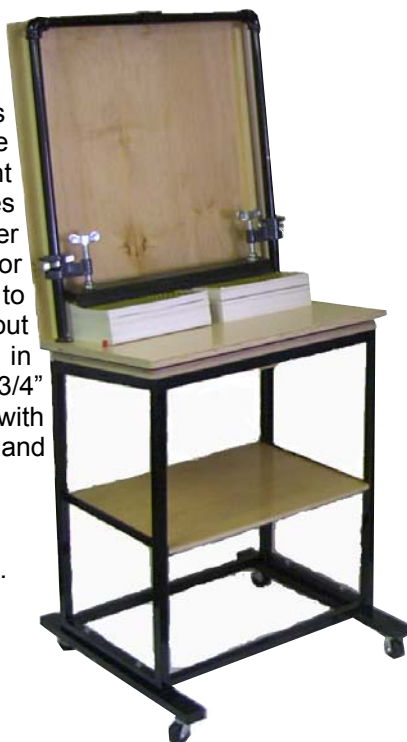
Padding Presses

PAD ABOUT PADDING PRESS

This versatile unit maximizes shop space and pad production. The **Pad About** pads up to 10,000 11" wide sheets. Convenient rotating table eliminates the need to lift paper stacks. Stand allows for moving padding unit to where job is or moving out of the way when not in use. Constructed of 3/4" select white maple with welded steel frame and quality casters.

Overall dimensions: 60"H x 28"W x 24"D.
Shipping weight: 115 lb.
Ships UPS.

Code: **PAD-ABOUT**



PRODUCTO PAD PADDING PRESS

The table-top version of the **Pad - About**. Maximizes production space by sitting on counter. Can pad up to 10,000 sheets 11" wide. Constructed of 3/4" select white maple wood. Overall dimensions: 30"H x 28"W x 18"D. Shipping weight: 54 lb.

Code: **PRODUCTO**



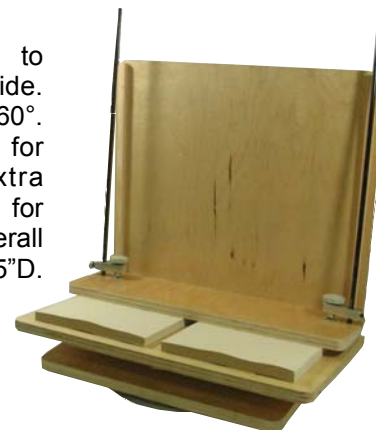
ECONO-PAD PADDING PRESS

The **Econo-Pad** pads up to 8,000 sheets 8 1/2" wide. Carousel base rotates 360°. Clamping system allows for adjustable pressure. Extra padding board sets available for higher production levels. Overall dimensions: 28"H x 23"W x 15"D. Shipping weight: 30 lb.

Code:

ECONO-PAD Pad Press

ECONO-X Extra unit



ULTRA PAD PADDING PRESS



Heavy duty padding press with durable quick release cast iron clamps. The 360° rotation allows for high production while using a minimum of counter space. The Ultra Pad holds 10,000 8 1/2" wide sheets. Constructed of white maple for added strength. Overall dimensions: 30"H x 22"W x 15"D. Shipping weight: 43 lb.

Code: **ULTRA-PAD**

PP-2 PAD PRESS

An economical, efficient, easy to use padding press. Pads up to 8,000 8 1/2" wide sheets at one time. Press is tilted backward to allow for jogging of paper. Overall dimensions: 26"H x 25"W x 16"D. Extra pressure units available for added output.



Code:

PP-2 20 1/2" Padding Press

PP-2X Extra pressure unit



Padding Supplies

GENERAL GRAPHIC PAD ADHESIVE



A pure synthetic resin adhesive for padding all grades and weights of paper, with or without backing. Recommended for use with all General Graphic Padding Presses. Non-hazardous. Available in white or red. Keep from freezing.

Code: White: **PA-QW** quart
PA-GW gallon
Red: **PA-QR**
PA-GR

PAD COUNTERS



Adjustable pad counter available in sizes 2" or 5" capacity. Set tongue depth to desired thickness and insert into pad.

Code: **PADCT-2** 2" capacity
PADCT-5 5" capacity

PAD KNIFE



Specially made for cutting pads. Extra-thin oyster shaped blade with rosewood handle.

Code: **101K-3**

MAGIC GLUE FAN-A-PART PAD ADHESIVE

Universal carbonless pad adhesive for NCR, 3M and Mead forms. Separates easily. Recommended for all General Graphic Padding Presses.

Code: **MG-Q** quart
MG-G gallon



PAD BRUSHES



Soft bristle brush makes padding easy. Available in two sizes.

Code: **PB-1** 1" wide
PB-2 2" wide

PADDING KIT

An excellent starter kit when purchasing a new padding press. Contains all the tools necessary to pad. Includes one quart of white padding adhesive, a pad knife, pad brush and 2" pad counter.



Code: **PAD-KIT**

PADDING CHIP BOARD



Quality chip board used for interleafing of pads. Available in two sizes.

Code: **CB-8** Chip Board 8 1/2" x 11" 480 sheets/pkg
CB-11 Chip Board 11" x 17" 240 sheets/pkg

3 Spindle Paper Drills

FP-IV Auto 3 Spindle Electric Paper Drill



The **FP-IV-Auto Paper Drill** is a high capacity 3-hole drill with a paper capacity of 4" or approximately 1,000 sheets of 20 lb bond.

The center head is fixed and the outer two heads are adjustable from 2 1/4" to 4 3/4". The table has self centering guides for placement of paper. Paper size ranges from 3 1/2" to 17" wide. Back margin is adjustable up to a 3 1/2" depth. Table size is 18 1/4" x 14 3/8". Paper drills are available from 1/8" (3 mm) to 3/8" (9 mm) in diameter.

The **FP-IV-Auto** is equipped with a moving table that has two stop bars. The first stop bar has adjustable stops so that if drilling jobs with more than 3 holes, this can be set up to accommodate these jobs. The preprogrammed bar has settings for two stops (6 hole) and 12 stops (36 hole).

The **FP-IV-Auto** has a unique design. The belt driven spindles are powered by three 1/4 horse power motors. The up and down movement of the head is driven by a 3/4 horse power electric motor. Heads are activated by two safety push buttons located on the front control panel.

Power requirement is 110 volts.

Code: **FPIVA** Three Spindle Automatic Drill

FP-IVT 3 SPINDLE ELECTRIC PAPER DRILL

The **FP-IVT** is the table top 3 spindle drill with a drilling capacity of up to 2 1/2". The center head is fixed and the outer two heads are adjustable from 2 1/4" to 4 3/4". The table has self centering guides for placement of paper. Paper size ranges from 3 1/2" to 17" wide. Back margin is adjustable up to a 3 1/2" depth. Table size is 18 1/4" x 14 3/8". Paper drills are available from 1/8" (3 mm) to 3/8" (9 mm) in diameter.

The **FP-IVT** is equipped with a moving table that has two stop bars. The first stop bar has adjustable stops so that if drilling jobs with more than 3 holes, this can be set up to accommodate these jobs. The preprogrammed bar has settings for two stops (6 hole) and 12 stops (36 hole).

The **FP-IVT** has a unique design. The belt driven spindles are powered by three 1/4 horse power motors. As an added safety feature, when the drill head is in the up position, the motor does not run. Power is 110 volts.

Code: **FP-IVT** Three Spindle Table Top Drill



Model:	FP-IVA:	FP-IVT:
Operation	Two button automatic control	Hand powered
Power	3 - 110 Volts 1/4 H.P. 1 - 110 Volts 3/4 H.P.	3 - 110 Volts 1/3 H.P.
Drill Capacity	4" (1/4" Diameter or larger)	2 1/2" recommended but can do 4" (1/4" Diameter or larger)
Drill Diameter	1/8" (3 mm) to 3/8" (9 mm)	1/8" (3 mm) to 3/8" (9 mm)
Drill Bit Style	Style "FP-100"	Style "FP-60"
Distance Between Drill Heads	2 1/4" to 4 3/4" center head fixed	2 1/4" to 4 3/4" center head fixed

Single Spindle Paper Drills

FP PAPER DRILL

The **Model FP60 Paper Drills** are the next generation in paper drills and punches. Two models, **The FP60-LS and the FP60** offer various features to meet your needs.

Both models can drill up to 2 1/2" or over a ream of paper at one time. The "Chuckless" system has the drill bit connected directly to motor shaft. This eliminates vibration of drill bits for smoother operation, easier drilling and fewer jams. As an added safety feature, the motor is only in operation when drill handle is lowered.

The **FP60-LS** Drill is equipped with an adjustable stop-gauge to allow drilling for customized or standard hole patterns. The drill is also equipped with a pre-programmed bar so that drill stops are already set for standard drilling patterns. These include single hole, two hole, and three hole patterns. The operation is fast and accurate. Just press the table release to move the paper to the next stop.

The **FP60-LS** is shipped with one 1/4" drill bit. Optional drill bits may be added in sizes ranging from 1/8" to 1/2". Drill bits are the standard Style "A" bits which are easily available. The drill is powered by a 1/3 HP 110 volt motor.

The **FP60** is an economically priced alternative to the FP60LS. The FP60 does not come with the preprogrammed bar. The drill takes a Style "F" Drill Bit which is available in sizes 1/8", 3/16", 1/4", 5/16" and 3/8".

Specifications:

Power: 110 V

Table Size: 18.4" W X 12.8" D X 16" H

Shipping Weight: 90 lb

Code: **FP-60**
FP-60LS



FP60-LS special table has both a preprogrammed stop bar with 1, 2, 3, 4, and 22 holes and a bar with adjustable stops.

Model:	FP60:	FP60-LS:
Power	110 Volts 1/4 H.P.	110 Volts 1/3 H.P.
Drill Capacity	2 1/2" (1/4" Diameter or larger)	2 1/2" (1/4" Diameter or larger)
Drill Diameter	1/8", 3/16", 1/4", 5/16", 3/8"	1/8" to 1/2"
Drill Bit Style	Style "F"	Style "A" 2" or 2 1/2"
Table Operation	Moving table, adjustable stops	Moving table, adjustable stops and preprogrammed stop bar.

General Graphic Drill Bits

General Graphic carries a full range of drill bits for most paper drills manufactured today. General Graphic Drill Bits are made of tempered steel to **maintain sharpness** and **prevent clogging**.

GENERAL GRAPHIC/CHALLENGE STYLE "A"



Fits all **Style "A"** drills including Challenge, General Graphic FP60LS, Mark-3 and Skylab models, Graphic Products, Ottawa, Superspeed, and some Rosback drills. Sizes from 1/8" to 1/2" diameter in increments of 1/32". Drill capacity may be less than 2" on smaller diameter drill bits (sizes less than 1/4").

Code:	Diameter:	Code:	Diameter:
DBA1-8	1/8"	DBA5-16	5/16"
DBA5-32	5/32"	DBA11-32	11/32"
DBA3-16	3/16"	DBA3-8	3/8"
DBA7-32	7/32"	DBA13-32	13/32"
DBA1-4	1/4"	DBA7-16	7/16"
DBA9-32	9/32"	DBA1-2	1/2"

Extended (2 1/2" capacity) drill bits for Challenge multiple-head drills, models EH-3A, EH-3C, MS-5 and MS-10. Also the FP60LS can use the 2 1/2" capacity. Now available in some millimeter sizes.

DBA1-4L	1/4"	DBA1-2L	1/2"
DBA5-16L	5/16"	DBA-6.5L	6.5 mm
DBA3-8L	3/8"	DBA-8L	8.0 mm
DBA7-16L	7/16"		

For the FP-100LS and FP100LS-Auto Model Drills an extended Style "A" drill bit is used. FP-100LS drill bits are available in millimeter sizes only.



Code:	Size
DB-FLS100-14	6.5 mm x 90 mm
DB-FLS100-516	8.0 mm X 104 mm
DB-FLS100-38	9.0 mm X 104 mm

TEFLON COATED DRILL BITS STYLE "A"



Teflon coating allows for smoother operation. Eliminates clogged drill bits and the use of wax. Fits same drills as **Style "A"** drill bits.

Code:	Diameter:	Code:	Diameter:
TCB-18	1/8"	TCB-38	3/8"
TCB-316	3/16"	TCB-716	7/16"
TCB-14	1/4"	TCB-12	1/2"
TCB-516	5/16"		

Extended 2 1/2" capacity.

TCBL-14	1/4"	TCBL-716	7/16"
TCBL-516	5/16"	TCBL-12	1/2"
TCBL-38	3/8"		

MODEL FP-60 AND 100

Style "F" specifically designed for the General Graphic Model FP-60 and FP-100 Paper Drill.



DB-F1-8	1/8" (3 mm)	DB-F5-16	5/16" (8 mm)
DB-F3-16	3/16" (4.5 mm)	DB-F3-8	3/8" (9 mm)
DB-F1-4	1/4" (6.5 mm)	Drill Bits are manufactured in metric; measurements in inches are the closest approximation.	

Extended lengths for FP100 and FP-IV 3 Spindle Drills



Code:	Size
DB-F100-14	6.5 mm x 90 mm
DB-F100-516	8.0 mm X 104 mm
DB-F100-38	9.0 mm X 104 mm

Drill Bits/Sharpeners

LAWSON



Style "B" Lawson Drill Bits with 2" capacity.

Code: **DB-B1-4** 1/4"
DB-B5-16 5/16"

BAUM/NYGREN DAHLY



Style "C" for Baum/Nygren Dahly with 2" capacity.

Code: **DB-C1-8** 1/8"
DB-C3-16 3/16"
DB-C1-4 1/4"
DB-C5-16 5/16"
DB-C3-8 3/8"
DB-C1-2 1/2"

EURO STYLE



Style "E" for European style drill including Uchida, MBM, Standard Citoborma and Corta.

Code: **DB-E1-4** 6 mm x 50 mm
DB-E5-16 8 mm x 50 mm

LASSCO-SPINNET



Style "L" for Lassco-Spinnet drills with 1" capacity.

Code: **DB-L1-4** 1/4"
DB-L5-16 5/16"
DB-L3-8 3/8"

Before ordering be sure to note your model. Many Lassco Drills use the 2" capacity bit (same as Style "A").

MARTIN YALE/LIHIT/IMPERIAL

Style "J" for Martin Yale 101 and Lihit drills. Drilling capacity is 3/4".



Code: **DB-J1-4** 1/4"



Style "K" for Martin Yale 202, Imperial, and Lihit Drills. 2" capacity.

Code: **DB-K1-8** 1/8" (3 mm)
DB-K3-16 3/16" (4.5 mm)
DB-K1-4 1/4" (6.5 mm)
DB-K5-16 5/16" (8 mm)

LIL-BIT DRILL SHARPENER



Designed for most single-spindle drills. Place sharpener under drill bit and bring down drilling head. No need to remove drill bit. Magnetic base for convenient storage and immediate availability. Not for use on hydraulic drills. Replacement sharpening head with new magnetic base available.

Code:
LIL-BIT Drill Sharpener
LB-HEAD Replacement head
w/magnetic base

MS-1 DRILL SHARPENER



Precision sharpener with self-seating, lathe type construction on a heavy duty base. Accepts style A and L drill bits Comes with suction feet for stability (these can be removed and the sharpener can be mounted). Constructed with a solid carbide cutting head.

Code: **MS-DS**

C-THRU DRILL SHARPENER



A simple two-piece tool that sharpens style "A" hollow drill bits. Drill bit is placed in chuck and sharpened to correct level with just a couple of twists. Heavy steel construction to ensure many years of service.

Code: **D-SHARP** Drill Sharpener
SHABT Replacement
sharpening bit

Drill Blocks/Accessories

DRILL BLOCKS

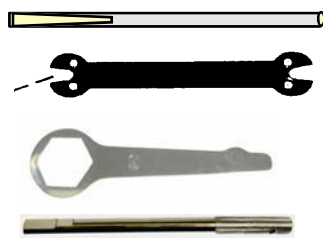
Code:	Size:	Drill Mfg/Mdl:
DBL-1	1 1/2" diameter x 3/4" thick	Challenge JO/JF
DBL-2.5	2 1/2" diameter x 3/4" thick	Challenge EH
DBL-3	3" diameter x 3/4" thick	Challenge EH-3A/C
DBL-5	1 1/4" x 6" x 3/8"	Challenge BaumNygren-Dahly
DBL-FP	1 3/16" x 13 3/4"	FP-60/FP60LS
DBL-FPIV	1 1/8" x 18"	FP-100IVT/IVA
DBL-PIO	2 1/4" diameter x 3/4" thick	Pioneer
DB-13818	1 3/8" diameter x 1/8" thick	Mark 3/4
DB-13814	1 3/8" diameter x 1/4" thick	Mark 3/4
DB-13834	1 3/8" diameter x 3/4" thick	Baum ND-1
DB-I-Pad	11 3/4" x 2 3/8"	Imperial Martin-Yale 202
DB-I-101	11 3/4" x 1 1/16"	Imperial, Martin Yale 101



Code:	Size:	Drill Mfg/Mdl:
DBL-UCH	1 9/16" diameter x 1/8" thick	Uchida
DBL-LAS	2 7/8" Diameter x 5/8" thick w/hole	Lassco Spinnet/ EBM-1R
DBL-LASB	2" x 16" x 7/16"	Lassco EBM-2. EMB-5
DBL-LAS25	2" x 25" x 7/16"	Lassco
DBL-LAW	8 1/2" X 1 1/8" x 3/8"	Lawson
DBL-LAWB	24" x 1 1/8" x 3/8"	Lawson

DRILL DRIFTS

The ideal tool for removing tapered drill bits from the drill chuck. Four styles to choose from:



Code:

DD Challenge/Lassco/Mark III
DD-JK Imperial/Martin Yale/ Lithit
DD-FP FP-60 Drill
DD-FP-LS FP-60LS Drill

SPIN-EZE

This tetra lube oil based lubricant provides a tough durable surface to your drill bits. It improves performance and extends drill bit life when correctly applied.



Code: **SPIN**

DRILLEASE



Stick lubricant for drill bits. Prevents burning and clogging. Lengthens life of drill bits. Touch lightly on tip of drill bit so wax travels up inside of shaft.

Code: **DRILL-E**

HOLLOW DRILL CHIP REMOVER

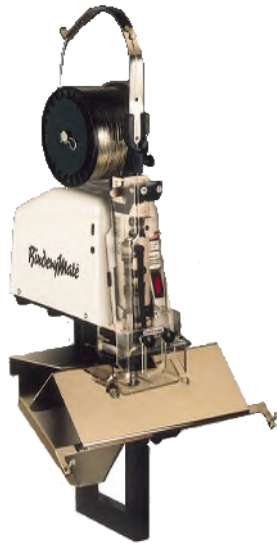
Use to remove paper chips from hollow drills. Just place under the drill bit and manually bring down head. Works on sizes from 3/16" to 1/2".



Code: **CR**

Finishing Equipment and Wire

BINDERYMATE TABLE TOP STITCHER



The BinderyMate is designed for use in flat or saddle applications. It can be mounted to the overhanging edge of a flat table surface or on the ES-200 adjustable floor stand. Machines can be ganged together so that two machines can be operated simultaneously. The Magnatek stitching head makes operation easy and jam free. Maximum stitching depth is 1/4" (up to 45 sheets of 20 lb. bond.)

Code: **BM-200** BinderyMate
BM-400 Dual BinderyMate

STITCHING WIRE



High quality galvanized wire for superior stitching jobs. Available in both round and flat on five pound spools. The #25 wire is on a narrow plastic spools which is ideal for use on the BinderyMate. Other sizes available.

Code: **WI-25** #25 round
WI-28 #28 round
WI-2024 #20 x 24 flat
WI-2025 #21 x 25 flat
WI-2125 #20 x 25 flat

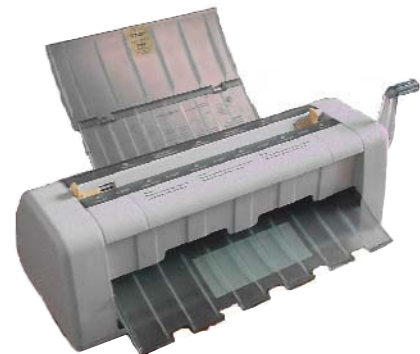
BOOKLETMAC BOOKLET MAKER



The BookletMac is a semiautomatic booklet maker for producing professional booklets quickly and easily. The BookletMac staples and folds in a single operation. Capacity is 20 sheets of 20 lb bond for books up to 80 pages. Can make booklets from letter, legal and 11" x 17" paper. Can do up to 800 booklets per hour.

Code: **BOOKMAC**

BUSINESS CARD CUTTER



Simple to operate yet provides fast production with up to 50 cards per minute. Handles up to 110 lb. Index. Ideal for short run business card jobs.

Code: **BCC** Business Card Cutter

LETTER FOLDER

This high speed letter folder can fold up to 4,000 sheets of 60 pound bond paper per hour. Paper tray will hold up to 50 sheets of 20 pound bond. Unique feature allows for hand feed of up to 3 stapled sheets. Will accommodate letter and legal size sheets. Includes desk stand and metal paper catch.



Code: **D10560** Letter Folder

Rapid Staplers, Accessories and Supplies

RAPID 106 STAPLER

The **Rapid 106 Stapler** is the standard stapler for all print and copy shops. The flexible design allows for either flat stapling or saddle stapling for booklets. The 106 stapler can staple sets from 2 sheets to 20 sheets (saddle), or 40 sheets (flat) of standard bond paper. Stapler can be triggered either by convenient foot pedal or depth adjustable triggers. Side guides allow for precise staple location.

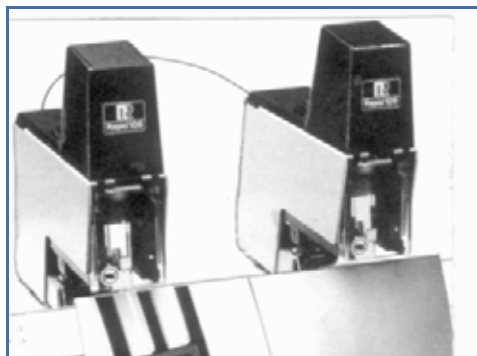
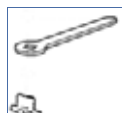
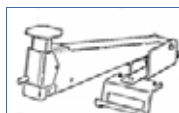
Shipping weight 17 lb.

Code: **106E** Rapid 106E Electric Stapler

Replacement Parts for 106E/101E

Code:

106-HEAD	Replacement stapling head 106E
101-HEAD	Replacement stapling head 101E
ALIGN-106	Head alignment tool for 106E
ALIGN-101	Head alignment tool for 101E



The **Rapid 106E Staplers** have the ability to be ganged together so that more than one stapler can be activated at once. Besides the staplers, the accessories needed are either the Saddle Runner or two Narrow Tables, and an Optic Cable to connect the Staplers. As a convenience these items can be purchased as a kit when ganging two 106E Staplers together.

Code: RUNNER	For saddle stapling only.
OPTIC	Cable to connect staplers.
NT	Narrow 2.4" table for flat or saddle
RO-KIT	Includes Runner and Optic Cable
NTO-KIT	Includes two Narrow Tables and Optic Cable

STAPLES FOR RAPID STAPLER



Designed for use in electric staplers. Chisel point and extra strong wire help eliminate jamming. Used

for flat and saddle stapling in the Rapid 100, 101, 105, and 106 staplers. The 1/4" staples can be used in booklet makers utilizing the Rapid Stapling Head such as the Plockmatic or the Rapid Long-Reach stapler.

Code: 210-1-4	1/4"	5000/box
210-5-16	5/16"	5000/box

RAPID 105 STAPLER

A thin electric stapler for office and packaging stapling. Two or more staplers can be connected in series with fiber optic cable for stapling simultaneously. Patented electronic controlling, pneumatic damping which gives an agreeable and quiet sequence of operation. The 105E Stapler can be triggered either by convenient foot pedal or depth adjustable triggers.



Code: **105E**

Staplers and Staples

RAPID 49 STAPLER



Staples up to 170 sheets of paper. Steel frame construction. Uses staple sizes from 5/16" to 3/4". Adjustable throat depth to 2 3/4". Economically priced.

Code: **49**

LONG REACH STAPLERS



Long reach steel frame hand stapler with locking adjustable throat. Available in either 12" or 16" throat. Convenient holes drilled in frame for attachment to a counter for self-service use. Uses code **210-1-4** 1/4" and **210-5-16** 5/16" staples.

Code: **12-12** 12" throat depth
12-16 16" throat depth

RAPID 9 STAPLER



A rugged and durable heavy duty stapler. Adjustable throat depth up to 3 1/2". Easy back load system. Will staple up to 100 sheets. Uses Rapid Staples 9-8, 9-10, 9-12, and 9-14.

Code: **9**

PLOCKMATIC STAPLE CARTRIDGE

Plockmatic Staple Cartridges hold 5000 staples. Designed for Models 75, 88, and 102 Booklet makers. Will also fit the Xerox ASF 92 and ASF 135, MBM 7500, 8800 and DocuTech 102.



Code: **PL-CART**

PLOCKMATIC STAPLE HEAD

Replacement head for Plockmatic Bookletmakers including the Baum System 60 and Multigraphics.



Code: **PL-HEAD**

STAPLES - RAPID 49/RAPID 9

Code:

9-8	5/16" length	5000/box
9-10	3/8" length	5000/box
9-12	1/2" length	5000/box
9-14	9/16" length	5000/box
9-16	5/8" length	5000/box
9-20	3/4" length	1000/box



Staple length is approximate as sizes are in millimeters.

SCCR STAPLES

For Bostitch EHFS Staplers and other staplers with the 62 Head. Box contains 5000 staples.

Code: SCCR25.1-4	1/4" length
SCCR25.3-8	3/8" length
SCCR25.1-2	1/2" length
SCCR25.9-16	9/16" length



STAPLER STANDS



Portable mounting stand to accommodate 101 and 106 Electric Staplers. Telescope construction offers simple height adjustment for sitting or standing position. The ES-200 accommodates two Rapid 106 Staplers ganged together or one BinderyMate Stitcher.

Code:
ES-100 Single Stand
ES-200 Double Stand

Shrink Wrap

SHRINK AND SEAL SYSTEMS



The Model PP48ST is a unique "All-In-One" L-Sealer and Shrink Tunnel. The unit features a 12 1/2" X 18 1/2" seal area. New "Band Seal Technology" will seal and shrink PVC or Polyolefin Shrink Films with no smoke or residue. Includes Magnetic Hold Down. Heavy duty Plexiglass hood fully encloses sealing and shrinking operation for maximum operator safety. Power requirement is 110 volt, 20 amps. Shipping weight is 275 lbs. Dimensions are 49" L x 26" W x 45" H.

The Model PP76ST has increased seal dimensions of 16" x 22". Maximum film width is 24". The PP76ST comes with a Magnetic Hold Down and Heavy duty Plexiglass hood.

Power requirement is 220 volt, 25 amps. Shipping weight is 350 lbs. Dimensions are 56" L x 30" W" x 45" H.

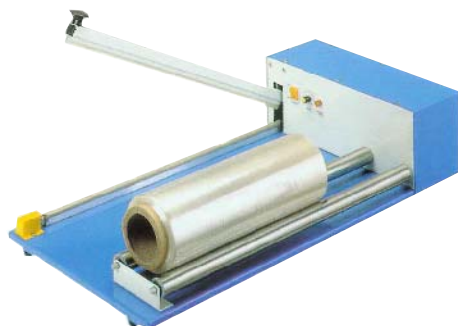
Code: **PP48ST** 12.5" x 18.5" Shrink System
PP76ST 16" x 22" Shrink System



The Model PP-1519EC Series is an economic 15" W x 19" L-sealer. This L-Sealer and Tunnel combination system is 76" in total length. The tunnel features a fully recirculating air chamber, digital temperature control, pin wheel hole punch, 8 ft power cord (110 volt models only) and casters. The 1519ECM can be purchased with optional space saver turnaround conveyor. Models are as follows:

Code:
PP1519EC Economy System
PP1519ECM With Magnet Hold Down
PP1519ECMC With Magnet Hold Down and Power Discharge

Bar Sealers



The Model PP450H and PP600H are table-top shrink bar sealers which come complete with heat gun. Machines run on 110 volts.

	PP450H	PP600H
Shrink Width:	18"	24"
Shipping Weight:	26 lbs	33 lbs

Code: **PP450H** 18" Sealer w/Heat Gun
PP600H 24" Sealer w/Heat Gun
HG Heat Gun

Shrink Wrap Film

Film can be used on all types of applications. For both manual and semi-automatic shrink wrap machines. Two types of film are available depending on preference and type of machine.

DYNACLEAR-PVC Shrinks at lower temperature, film great for all general purposes applications. Comes in 2,000 foot rolls.

QUICK SHRINK is a Polyolefin film that is a low cost all around general purpose shrink film. Comes in 3,500 foot rolls.

Code:	Gauge:	Width x Length:
SW12-75	75	12" x 2,000'
SW16-75	75	16" x 2,000'
SW18-75	75	18" x 2,000'
SW12-75P	75	12" x 3,500'
SW16-75P	75	16" x 3,500'
SW18-75P	75	18" x 3,500'

RAPID 23 STAPLER



The Rapid 23 is an extremely durable tacker for fine wire staples. Suitable for securing thin materials, such as fabrics, paper and labels, and other tasks that need only short staples. Ideal for use with wide format material.

Code: **R23** Stapler
13-6 1/4" Staples 5000/pkg
13-8 5/16" Staples 5000/pkg

RAPID 31 STAPLER



The Rapid 31 has interchangeable anvils for sealing padded bags, boxes, sacks and other light packages. Easy to load and clear, the all steel stapler with a nickel plated finish features an ergonomically designed handgrip with finger stop for added comfort. Uses staples from 5/16" to 1/2" in size.

Code: **R31** Rapid 31 Stapler
73-8 Staples 5/16" 5000/pkg
73-10 Staples 3/8" 5000/pkg
73-12 Staples 1/2" 5000/pkg

X-ACTO ERGO UTILITY KNIFE



The X-Acto Ergo Utility Knife can be used either as a cutting knife or, by turning the blade, as a scraper. It is ergonomically designed and blades are easy to replace. Package includes two blades.

Code: **X3275** X-Acto Ergo Utility Knife
X292 Blades 5/pkg
X692 Blades 100/pkg

TRANSPARENT TAPE

A general purpose clear plastic film tape for envelope closure and sealing. Works well for mending, packaging and holding in graphic arts applications. Has anti-static coating like red litho tape.



Code: **TP-38** 3/8" x 72 yards
TP-12 1/2" x 72 yards
TP-34 3/4" x 72 yards
TP-1 1" x 72 yards

MASKING TAPE

Low cost economy tape. Available in three sizes. Comes with 3" core, 60 yard length.



Code: **MT-1-2** 1/2"
MT-3-4 3/4"
MT-1 1"

BOX SEALING HAND DISPENSER



Holds 2" roll of packing tape.

Code: **TD-1**

PACKING TAPE

Clear packing tape, 2" wide by 110 yards long.

Code: **PT-2**



Trimmers/Cutters

FTB-40 Foam Board Trimmer



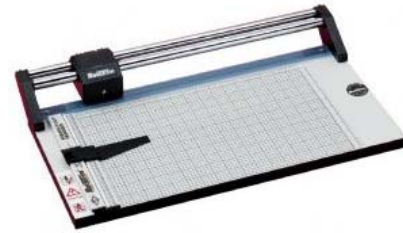
The Model FBT-40 is a paper and foam board trimmer designed with flexibility and efficiency in mind. The FBT-40 has the capability of cutting media up to 40 inches in length and 10 mm in thickness. This includes, but is not limited to, cardstock, PVC foam board, corrugated plastics, vinyl and plastic films and cardboard.



This portable unit is superiorly engineered with full length silicon rubber strips strategically placed on the base of the cutter to prevent slippage, self adjusting hinges and blade depth adjustments to accommodate various thickness in media and a rear loading blade holder to provide for a safe and effective cut. Available with optional stand.

Code **FBT-40** 40" Foam Board Trimmer
FBT-40S Stand for 40" Foam Board Trimmer

ROTATRIM ROTARY CUTTERS



ROTATRIM Trimmers have self-sharpening tungsten steel cutting wheel and cast metal cutting head and end supports. Twin 1/2" diameter chromed steel guide bars give added support. Grey Melamine® baseboard, 7/8" thick x 12" wide has printed grid in inches and metric, with 1/4" grid lines. Transparent clamp strip holds material firmly. Aluminum side rule is calibrated in inch and metric with adjustable cursor for repeat cuts. Cuts in both directions (an overload plate on models M24T-M54T can be removed for bi-directional cutting of thin materials) Floor stand and other accessories available

Code:

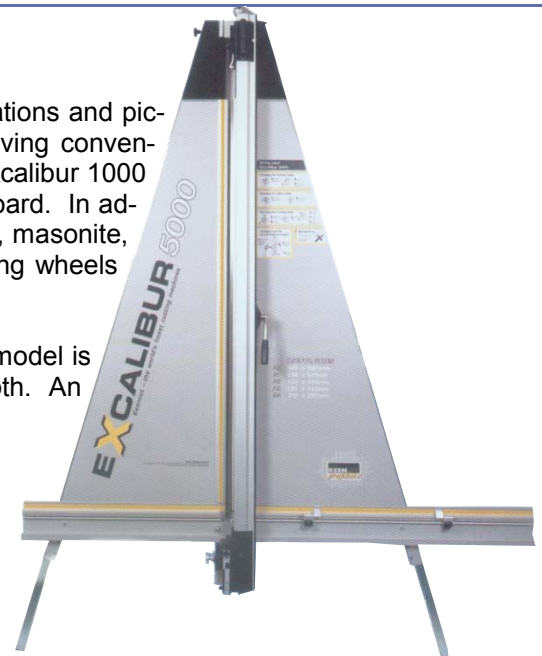
RC24 24" Rotary Cutter
RC30 30" Rotary Cutter
RC36 36" Rotary Cutter
RC42 42" Rotary Cutter
RC54 54" Rotary Cutter
C36SP Floor Stand, Waste Catcher with 36" Cutter
C42SP Floor Stand, Waste Catcher with 42" Cutter
C54SP Floor Stand, Waste Catcher with 54" Cutter

EXCALIBUR SHEET MATERIAL CUTTERS

Designed to cut all the sheet materials used in modern visual communications and picture framing industries. The Excalibur cuts vertically providing space saving convenience. The two models, 1000 and 5000 cut a variety of materials. The Excalibur 1000 is designed to cut foam board, honeycomb plastics and corrugated cardboard. In addition to these materials, the Excalibur 5000 is designed to cut hardboard, masonite, MDF and aluminum faced plastics. The Excalibur 5000 has added cutting wheels for glass, and acrylics.

The Excalibur comes standard with a maximum 63" cut. The standard model is mounted on the wall where its footprint is 96" high x 84" wide x 12" in depth. An optional freestanding kit is available.

Code:
EX1000 Excalibur 1000
EX5000 Excalibur 5000
EX-FSK Free Standing Kit



Rotary Trimmers and Paper Cutters

PROFESSIONAL TRIMMERS

The Professional Trimmers are low cost rotary trimmers available in sizes from 14" to 51". They feature a self sharpening blade, see-through paper clamp, and adjustable back stop. The Professional Trimmer's ground circular blade is enclosed in a plastic housing. Larger sizes have the option of a paper roll holder and stand.



Model:	Cut:	Capacity:	Model:	Cut:	Capacity:
D550	14 1/8"	12 sheets	D556	37 1/2"	8 sheets
D552	20 1/8"	12 sheets	D558	51"	6 sheets
D554	28 1/4"	12 sheets	D698	Stand for 558	

PREMIUM TRIMMERS



The Premium Trimmers are high capacity rotary trimmers available from 14" to 51". They feature a self sharpening blade, see-through paper clamp, and adjustable backstops that fit on either side. The Premium Trimmer's ground circular blade is enclosed in a plastic housing for safe use. The thick walled aluminum guide bar helps assure accurate cutting. Larger sizes have the option of a paper roll holder and stand. Trimmer can handle such diverse materials as cardboard, mat board, laminating film and plastic films.



Model:	Cut:	Capacity:	Model:	Cut:	Capacity:
D440	14 1/8"	30 sheets	D448	51 1/8"	20 sheets
D442	20 1/8"	30 sheets	D796	Stand for D446	
D444	26 3/8"	25 sheets	D798	Stand for D448	
D446	36 1/4"	22 sheets			

HEAVY DUTY CUTTER

For cutting large stacks of paper at once. The Heavy Duty Cutter has a built in safety cover to prevent injury. The quick action paper clamp holds down paper for a clean burr-free cut each time. **Optional Stand** is available on all Models. The back gauge is spindle driven and self locking. Three models to choose from with capacity ranging from 200 to 700 sheets.

Model:	Cut:	Capacity:	Table Size:	Stand Option:
D842	17"	200 sheets	28" x 23 1/4"	D712
D846	17"	500 sheets	30" x 25 1/2"	D712
D848	18 1/2"	700 sheets	27 1/2" x 32"	D718



Paper Cutter Accessories

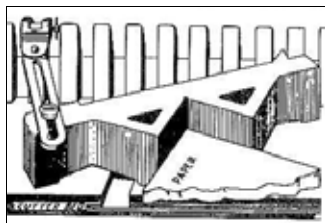
MAGNETIC CUTTER PADS



Helps eliminate marking when cutting carbonless and other sensitive papers. Soft magnetic vinyl pads stick to clamp. 3" x 15" Pads.

Code: **MCP** 2/pkg

PAPER STOCK ANGLE GUIDE

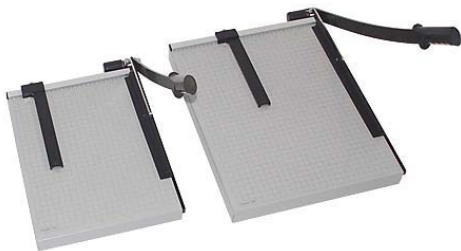


Cut corners off statements, tags, etc. at up to a 45° angle. Use attachment (furnished) to cut diamond shaped angles, triangles or any other angle.

Instant setup; place angle guide against stock cutter gauge and set cutter to necessary measure.

Code: **PSA**

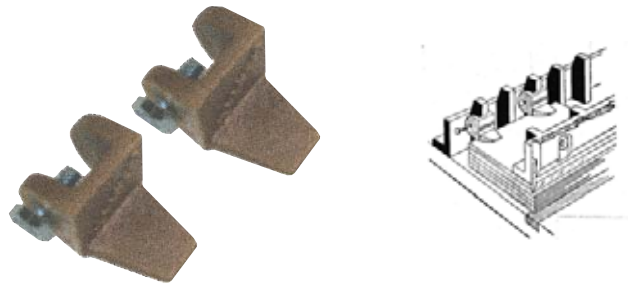
PAPER TRIMMERS



Vantage 12E and 18E Trimmers have automatic paper clamping, preprinted grid and spring action metal blade. Value priced.

Code: **D12E** 12" Trimmer
D18E 18" Trimmer

GENERAL GRAPHIC BOOK CLAMPS



Cut books quickly, safely and professionally with General Graphic Book Clamps. Made of solid cast brass, the Clamps safely hold down the folded or stitched side of booklets, pamphlets or catalogs while being trimmed in the paper cutter. This eliminates the common (and dangerous) practice of holding them down manually.

Code: **BOOK** 2/pkg

JOGGING AID



Wood Jogger Block keeps hands from blade while jogging paper against back gauge. Made of white maple. No metal screws to damage blade if accidentally cut through.

Code: **JA-8** 8" long x 3" high
JA-12 12" long x 3" high



The **D124 Professional Trimmer** 24" comes with wood base and hand clamp with finger guard. Will cut up to 15 sheets.

Code: **D124** 24" Trimmer

Paper Cutter Blades and Sticks

PAPER CUTTER KNIVES



High quality inlaid steel. High speed steel available on some sizes.

CHALLENGE

Code:	Model:	Size:
CB-S150	Spartan Model S150	18 5/16" x 1 11/16" x .25 6H
CB-20	Model 20/Titan 200	23 3/4" x 3" x .375" 4H
CB-26	Titan 265/265H	30 3/4" x 4" x .375" 12H
CB-30	305 MC/MCP/MPX	34 3/4" x 4" x .375" 12H

MBM/TRIUMPH/IDEAL

CB-15	3905/3915	17.488" x 1.535" x .236" 5H
CB-18	4850	22.444" x 3.543" x .393" 5H
CB-25	6550	29.763" x 3.543" x .393" 5H

POLAR

CB-P72	71, 72C, 75	34.173" x 4.094" x .381"
CB-P76	76EL	36.417" x 4.330" x .381"
CB-P92	92 EL, 92CE	43.110" x 4.724" x .461"

Other cutter sizes available - prices on request.

PRINTERS APRON

A tough, well-made apron of blue denim fabric with large utility pockets.



Code: **APRON**

SILICONE SPRAY

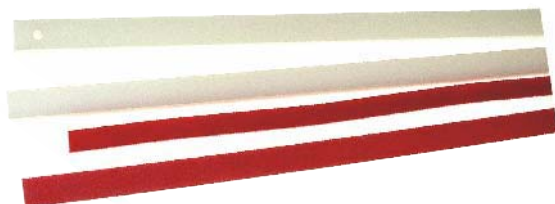
Especially formulated to aid in the press room and bindery to run smudge-free work. Prevents sticking or binding without greasy or oily build-up on metals. Non-flammable and odorless. Contains no environmentally harmful CFCs.

Code: **SILICONE** 11 oz



PAPER CUTTER STICKS

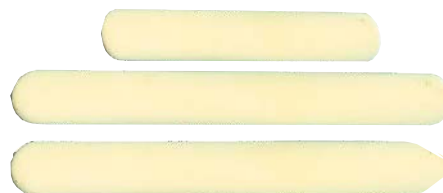
Soft plastic cutter stick. Triumph sticks have holes drilled in the end. Challenge and MBM/Ideal are soft white plastic; Polar and Imperial are a harder red plastic. One dozen sticks per package.



	Code:	Size:
CHALLENGE	CS-C16	16" x 1/2" square
	CS-C20	20" x 1/2" square
	CS-C26	26" 1/2" x 1/2" square
	CS-C30	30" 1/2" x 1/2" square
MBM /TRIUMPH/IDEAL	CS-T14	14 5/8" x 9/16" square
	CS-T15	15 5/16" x 9/16" square
	CS-T18E	22 7/8" x 9/16" square
	CS-T20	25 3/8" x 9/16" square
	CS-T25	30 1/8" x 9/16" square
IMPERIAL	CS-IMP-18	18 1/2" x 5/16" x 25/32"
	CS-IMP-23	24 3/4" x 5/16" x 25/32"
POLAR	CS-P72	3/16" x 3/8" x 28 3/4"
	CS-P76	3/16" x 3/8" x 30 1/4"
	CS-P82	3/16" x 3/8" x 32 5/8"
	CS-P90	3/16" x 3/8" x 35 3/4"
	CS-P92	3/16" x 3/8" x 36 1/2"
	CS-P115	3/16" x 3/8" x 45 5/8"

Other sizes available - prices on request.

FOLDING BONE



Used for creasing/folding paper. Ideal when you need to fold sets. Strong and durable, Available in 8" to 9" and 6" lengths., or 8" with one end pointed.

Code: BONE-8-9	8"-9" rounded
BONE-6	6" rounded
BONE-8P	8" pointed one end

Paper Stock Cart and Utility Trucks

PAPER STOCK CART



The Paper Stock Cart is the ideal tool to move paper around, from copier to finishing equipment, from cutter to folder. The Paper Stock Cart holds up to 11" X 17" size paper. Center angled shelves assist in jogging paper. Handles allow for easy movement. Holds up to 20" high stacks in each of its four bins. Heavy duty casters have 500 pound capacity. Comes with two locking casters to stabilize fully loaded cart. Attractive office gray finish. Shipping weight is 98 pounds.

Code: **PSC-1** Paper Stock Cart

UTILITY TRUCKS

A quality built bindery truck with heavy-gauge, square-tube steel frame with welded joints. Has two large shelves constructed of white maple for extra strength. Rolls smoothly on four inch rubber, double ball bearing swivel casters, two of which are locking. Up to two additional shelves can be added. Comes in two sizes: 21" x 26" shelf which has a shipping weight of 95 lb. or 24" x 39" shelf which has a shipping weight of 150 lb. Cart is 58" tall.

Code: **UT-1** 21" x 26"
UT-1X 21" x 26" additional shelf

UT-2 24" x 39"
UT-2X 24" x 39" additional shelf



GENERAL GRAPHIC STOCK TRUCKS



DUPLICATOR TRUCK
20 TRAY - 12" x 18"

The most practical and functional pressroom drying and storage rack built. It holds twenty delivery dolly-size 12" x 18" trays. Place a tray in the Duplicator delivery dolly and run press. When tray is filled it is returned to the rack. Another tray is placed in the delivery dolly and the process is repeated. Overall size 28" wide, 36" deep and 63" high. Shipping weight 130 lb.

Code: **DT-20**



DUPLICATOR TRUCK
8 TRAY - 12" x 18"

For all 11" x 17" printing presses. The portable drying/storage rack has eight 12" x 18" removable shelves. This allows printed material to be transferred from press to rack without being touched by hands. Rolls easily, even when filled to capacity. Rugged construction of welded square tube steel. Heavy-duty casters, two with brakes for stability. Overall size, 28" wide, 18" deep, and 48" high. Shipping weight 110 lb.

Code: **DT-8**



STOCK RACK
16 TRAY

SIZES 14" x 20" AND 17" x 22"

Functional, portable shelf drying racks made for larger presses. Printed sheets are never touched as they are removed from the delivery dolly. The 14" x 20" Stock Rack is 22" wide, 28" deep and 63" high. Shipping weight is 133 lb. The 17" x 22" Stock Rack is 25" wide, 35" deep and 63" high. Shipping weight is 165 lb.

Code: **DR-1** 14" x 20"
DR-2 17" x 22"



UTILITY TABLE

Work horse utility table built for many different jobs. Heavy gauge steel, economical support for copy machines, small duplicating machines, paper folders and paper drills. Comes with two locking and two non-locking casters. Top shelf is reversible. Size is 24" wide, 36" deep and 35" high. Shipping weight is 53 lb.

Code: **3200-CA** Table with casters

Roll Laminators and Supplies

VALUELAM 4500HC HEATED ROLL MOUNTING LAMINATOR

The ValueLam 4500HC heated roll mounting laminator is the ideal affordable entry-level large format laminating solution. Capable of mounting, hot and cold laminating and encapsulating output of up to 44". Features heated rollers and variable temperature control. Handles films from 1.5 mil to 10 mil and mounting up to 1/2".



Capable of mounting, hot and cold laminating and encapsulating output of up to 44". Features heated rollers and variable temperature control. Handles films from 1.5 mil to 10 mil and mounting up to 1/2".

Code: **4500HC** 44" Roll Laminator

LAMINATOR ROLL CUTTER

Slip the foot of the tool under the material to be cut and push for a straight, clean cut.



Code: **K353**

LAMINATOR CLEANING BAR

A light abrasive bar that will not damage rollers. Ideal for removing built up adhesives on laminator rollers.

Code: **LCB**



LAMINATOR CLEANER

A mild cleaner that easily lifts dirt and dried adhesives from laminator rollers. Also works well with most folder rollers to remove built up toner.

Code: **LAM-P** pint



LAMINATOR CLEANER KIT

The Standard Laminator Cleaner Kit contains two 4" laminating cleaner bars and a tack cloth.

Code: **LAM-KIT** Standard Cleaning Kit



EM-40 Wide Format Roll Laminator



An affordable 40" Wide Format Roll Laminator with mounting capability up to 1/4" that is ideal for the copy shop, print shop, school and government environment. With a laminating speed up to 10' per minute, 4 Rollers, adjustable digital top and bottom temperature controls the 40" Super Lam Wide Format Roll Laminator is designed to provide you with years of easy-to-use worry free wide format laminating and mounting.

Code: **EM-40** 40" Roll Laminator

QUICKPRINT 27" ROLL LAMINATOR

The QuickPrint 27 - 27" laminator is capable of thermal laminating, cold laminating, mounting



and encapsulating a variety of materials including full color digital output, pre-treated adhesive boards, and foam mounting boards. Equipped with variable temperature and speed controls, the QuickPrint 27 accommodates film from 1.3 mil to 10 mil in thickness.

Code: **QP-2700** 27" Roll Laminator

ROLL LAMINATING MATERIAL

CODE FOR 2 1/4" CORE:	CODE FOR 1" CORE:	Size:
12-035	12-035-1	12" x 500' x 1.4 mil
12-075	12-075-1	12" x 250' x 3.0 mil
12-125	12-125-1	12" x 200' x 5.0 mil
18-035	18-035-1	18" x 500' x 1.4 mil
18-075	18-075-1	18" x 250' x 3.0 mil
18-125	18-125-1	18" x 200' x 5.0 mil
25-035	25-035-1	25" x 500' x 1.4 mil
25-075	25-075-1	25" x 250' x 3.0 mil
25-125	25-125-1	25" x 200' x 5.0 mil
40-125	40-125-1	40" x 200' x 5.0 mil

Pouch Laminators and Supplies

ULTRA PHOTO 13

The ultimate in pouch laminating. The Ultra Photo **13** is a 6 roller laminator with 4 of the rollers heated. The laminator comes equipped with an electronic thermostat for digital temperature control. It has speed control and reverse action. The Ultra Photo 13 will laminate materials up to 13 1/4" wide at speeds up to 59" per minute. It can accommodate pouches up to 10 mil in thickness. Includes ready light and auto shut off when not in use. All metal construction.

Code: **PL-UP13** Ultra Photo 13 Laminator



Specifications

Electrical Power	110 volts
Number of Rollers	6
Number of Heated Rollers	4
Maximum Lamination Thickness	10 mil
Shipping Weight	39 lbs

PROLAM 320

The ProLam **320** is ideal for heavy duty laminating with its extruded aluminum heat plates, steel gears, and metal cover. It has independent temperature control and motor and power switches. The PL320 features 4 silicone rollers that allow for carrier free operation. Maximum 12.5" laminating width. Also available in 4" wide model, the PL-100



Code: **PL-320** 12.5" Professional Laminator
PL-100 4" Professional Laminator

LAMINATING POUCHES

Code:	Size: *100 per package except as noted
LAM-1-5	Credit Card 2 1/8" X 3 3/8" 5 mil
LAM-1-10	Credit Card 2 1/8" X 3 3/8" 10 mil 50/pkg
LAM-2-5	Business Card 2 1/4" X 3 3/4" 5 mil
LAM-2-10	Business Card 2 1/4" X 3 3/4" 10 mil 50/Pkg.
LAM-3-5	Driver's License 2 3/8" X 3 5/8" 5 mil
LAM-3-10	Driver's License 2 3/8" X 3 5/8" 10 mil 50/pkg
LAM-4-5	Luggage Tag 2 1/2" X 4 1/4" 5 mil
LAM-4-10	Luggage Tag 2 1/2" X 4 1/4" 10 mil 50/pkg
LAM-35-5	Index Card 3 1/2" X 5 1/2" 5 mil
LAM-5-5	Jumbo Size 4 3/8" X 6 1/2" 5 mil
LAM-6-3	Letter Size 9" X 11 1/2" 3 mil
LAM-6-5	Letter Size 9" X 11 1/2" 5 mil
LAM-6-10	Letter Size 9" X 11 1/2" 10 mil 50/pkg
LAM-7-3	Legal Size 9" X 14 1/2" 3 mil
LAM-7-5	Legal Size 9" X 14 1/2" 5 mil
LAM-8-3	Menu Size 11 1/2" X 17 1/2" 3 mil
LAM-8-5	Menu Size 11 1/2" X 17 1/2" 5 mil
LAM-8-10	Menu Size 11 1/2" X 17 1/2" 10 mil 50/pkg
LAM-LTL	Luggage Tag Kit—Luggage Tags and Loops 5 mil 50-50/pkg

APL-330 13" PHOTO LAMINATOR



The Model APL-330 is a 13" wide photo laminator that has 2 heated rollers, 2 pressure rollers and a hot shoe. The Model APL-330's heater automatically shuts off for roller protection. Rollers automatically stop after auto reverse. Can use both hot and cold film.

Code: **APL-330**

Binding Supplies

RBX-N10TWIN LOOP WIRE BINDER

The RBX-100 is a twin loop wire binding machine capable of doing both 2:1 and 3:1 wire binding. The heavy duty machine has a capacity of punching 100 sheets at one time. To operate, load paper and select punch pitch. For 2:1 punch, move table to preset place and punch again. For 3:1, three punches are required. Includes scale to determine size of wire and built in closer. This unique design allows for greater production. Note this machine punches 22 hole for 2:1 and 33 hole for 3:1.



Code: **RBX-100** Binding Machine
RBX-P Replacement Punches
RBX-PP Plastic Punch Pad (3/pkg)

Twin Loop Wire Binding

B = Black W = White	Size 3:1 100 per Box
ATB-14 ATW-14	1/4" - 20 sheets
ATB-516 ATW-516	5/16" - 40 sheets
ATB-38 ATW-38	3/8" - 55 sheets
ATB-716 ATW-716	7/16" - 70 sheets
ATB-12 ATW-12	1/2" - 90 sheets
ATB-916 ATW-916	9/16" - 110 sheets
B = Black W = White	Size 2:1 50 per Box
ATB-58 ATW-58	5/8" - 130 sheets
ATB-34 ATW-34	3/4" - 150 sheets
ATB-78 ATW-78	7/8" - 170 sheets
ATB-1 ATW-1	1" - 180 sheets

VersaMac Super Duty Electric Modular Punch

The VersaMac is one of the most productive punches on the market today. With a maximum punching capacity of up to 35 sheets at a time, easy-to-use interchangeable die feature, and efficient modular design, the VersaMac is compatible with commercial volume workloads in all binding styles. The machine is supplied with one die. Additional dies available most uses.



Dimensions: 10.5" H x 18" L x 20.5" W Net Weight: 108 lbs Shipping Weight: 121 lbs

Code: **VERSA**



BINDING COVERS

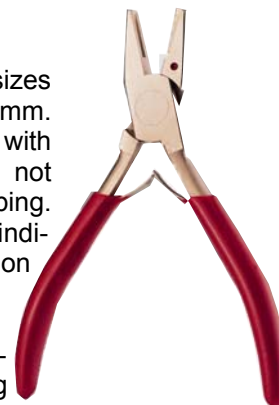
Code:	Description:	Code:	Description:
CCS-5	Crystal Clear 5 mil	MSC-10	Matte/Suede Clear 10 mil
CCS-7	Crystal Clear 7 mil	MGC-10	Matte/Gloss Clear 10 mil
CCS-10	Crystal Clear 10 mil	BL-16	16 pt Black Leatherette
WGC	White Grain Cover Stock	NL-16	16 pt Navy Leatherette
BKGC	Black Grain Cover Stock	BCS-10	Black Vinyl Leatherette
BLGC	Blue Grain Cover Stock	NCS-10	Navy Vinyl Leatherette

All quantities are 100/package. Other colors available.

COIL CRIMPERS

Cuts and crimps coil sizes from 5 mm to 33 mm. Recommended for use with coil inserters that do not have automatic crimping. Red dot facing upward indicates the proper position for crimping.

Longer crimp length prevents coil from unwinding out of book.



Code: **CRIMPER**

FP SERIES PAPER HOLE PUNCHES

MODEL FP-1XLS

The **FP-1(X)LS** uses hollow bits to punch up to 300 sheets at one time. Table slides to position set by adjustable stops. These stops allow for set-up of two, three or four hole punching. Punch bits are available in sizes 3/16", 1/4", 5/16" and 3/8". Handles up to 14" wide paper.



Code:

FP-1XLS Manual Hole Punch w/movable table

MODEL FP-1(B)

The **FP-1(B)** has a punching capacity of 300 sheets of paper. Ideal for punching where one or two holes are needed. Punch bits range in size from 1/8" to 5/16". Adjustable back margin.



Code:

FP-1B Manual Punch

FP-1(PLUS)

In addition to the same features as the FP-1(B) punch, the **FP-1 (Plus)** includes a thumb cut for calendars or any job that requires half circles to be cut along the edge. Blade size is 20 mm or a little over 3/4".



Code:

FP-1P Manual Punch/half circle cut
FP-HBC Half Circle Thumb Cut Blade
FP-PPP Punch Pad (3/pkg)

PUNCH BITS

FP-1XLS	CODE:	SIZE:
	FP-PLS-316	3/16" Hole Punch
	FP-PLS-14	1/4" Hole Punch
	FP-PLS-516	5/16" Hole Punch
	FP-PLS-38	3/8" Hole Punch
	FP-PPP	Plastic Punch Pad (3/pkg)
FP-1B		
	FP-P-18	1/8" Hole Punch
	FP-P-316	3/16" Hole Punch
	FP-P-14	1/4" Hole Punch
	FP-P-516	5/16" Hole Punch
	FP-BPP	Plastic Punch Disc (3/pkg)

SFP-II 3-HOLE PAPER PUNCH



The **SFP-II** is a heavy duty 3-hole punch capable of punching 300 sheets of 20 lb. bond at one time. Comes standard with 5/16" punch bits but can take punches from 1/8" to 3/8". Three hole punching is at 4 1/4" centers. As an option 4 holes can be punched with 80 mm centers. Back gauge is adjustable.

Code: **SFP-II** Heavy Duty Punch
SFP-3 3.5 mm Punch Bit (1/8")
SFP-6 6 mm Punch Bit (1/4")
SFP-8 8 mm Punch Bit (5/16")
SFP-9 9 mm Punch Bit (3/8")
SFP-P Plastic Punch Pad (3/pkg)

TWO-HOLE PUNCH & BINDER

The Duo-35 is a two hole binding system that allows for the binding of books, documents, or legal briefs up to 350 sheets (1 1/2") thick.



Place the plastic binder on the DUO-35 table. Position document on top and punch. Insert proper size binding rivets into holes and place plastic binder on top. Bring handle down to secure binding rivets. Rivets have an added advantage over typical binding posts in that they are hollow and can be placed in arch file.

Starter unit comes complete with four lengths of binding rivets and plastic binding strap.



Code: **DUO-35** Dual Hole Binding Machine
DUO35-PP Punch Pads (6/pkg)
DUO35-PB Replacement Punch Bit

Code:	Rivet Size/Sheets:	Code:	Rivet Size/Sheets:
R1	2-30 shts/1000 pkg	R6	200-240 shts/100 pkg
R2	30-50 shts/500 pkg	R7	240-290 shts/100 pkg
R3	50-90 shts/300 pkg	R8	290-350 shts/100 pkg
R4	90-140 shts/200 pkg	PW	Plastic Binder (100)
R5	140-200 shts/150 pkg	MW	Metal Binder (100)

Coil Binding Equipment

RBX A200 AUTO PUNCH



The RBX-A200 Auto Punch is an innovative punching system that is capable of punching up to 200 sheets of paper at one time. The machine can take a variety of punch dies that are easily changed without the use of tools. The machine is shipped with one die.

As with other binders in the RBX series, the A200 uses hollow punch bits which allow for higher capacity. Once paper is loaded, push the safety buttons. The A200 is pre-programmed to complete the punch pattern. Depending on the die, two or three punches will be necessary. Punch stroke time is 5 seconds making this an economic tool for long run jobs. Weight is 175 lbs. Electrical is 220 volt 1/phase.

Code: **RBXA200**

AVAILABLE DIE PATTERNS

Hole Pitch	Hole Pattern	Hole Size In MM	Maximum Length	Maximum Thickness
2:1	○ ○ ○ ○	6.5/5.0 Dia	20.8"	200
3:1	○ ○ ○ ○ ○	4.4/5.0 Dia	20.8"	200
4:1	○ ○ ○ ○ ○ ○ ○	4.4 Dia	20.8"	200
3:1	○ ○ ○ ○ ▽ ○ ○ ○ ○	4.4/20 Dia	14.8"	200
2:1	□ □ □ □ □ □	5.5 x 5.5 Sq	14.8"	80
3:1	□ □ □ □ □ □ □	4.0 x 4.0 Sq	20.8"	80
12.79 mm 9/16"	□ □ □ □ □ □	3.5 x 7.2 Rec	20.8"	80
4:1	□ □ □ □ □ □ □ □ □ □	4(w) x 4.8(d)	20.8"	80

Above only represents some of the punches available.

CBX-100 DESKTOP AUTOMATIC PUNCHING MACHINE

The CBX-100 is the world-first desktop heavy duty punching machine innovated to punch through Max. 100 Sheets (80gsm, 20lb) at a time. Its production can reach up to ±80,000 sheets (round hole) per hour. The CBX-100 comes with your choice of a wide range punching dies. These dies are interchangeable so that all kinds of hole patterns are available to punch. Replacement of the punching dies is very quick and simple to do. The CBX-100 is constructed of heavy cast iron. Hollow punch bits on the dies can be replaced quickly and simply. Equipped with two button control and micro sensors for safety.

SPECIFICATIONS:

- Max. Punching Capacity: 100 sheets of 20 lb. paper
- Max. Punching Length: up to 14"
- Weight: 281 lbs. (net)
- Dimension: 512mm(W) x 514mm(D) x 550mm(H)
- Power: 400 watts, 110/220/230V



COINER-340 COIL INSERTER

The CoiNer-340 Coil Inserter is an automatic desk top coil inserter that is capable of inserting coil into books up to 150 sheets. Coil is inserted by bringing the stack of paper against the inserting wheel. The machine is equipped with four interchangeable mandrels dependent on the size of coil used. It features margin hole adjuster and a "C-Form" paper stop to jog the paper for easy insertion. Interchangeable coil to hole guide so that you can do 3:1 or 4:1 coil. Maximum binding length is 13". The CoiNer-340 features speed control, forward and reverse switch and driving wheel pressure regulator. Weight is 12 lbs.

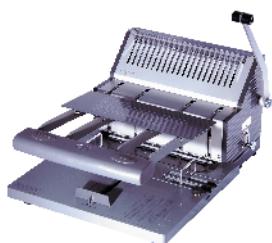


Code: **C340**

Comb and Coil Equipment and Supplies

SCB HEAVY DUTY PLASTIC COMB BINDER

The SCB Comb Binders are unique in that they use a rectangular hollow punch that allows punching up to 60 sheets of paper at one time for the SCB-60 and 80 sheets at one time for the SCB-80.



The difference between the two models is the amount of paper that can be punched and the number of punch pins. The SCB-60 has 11 punches (requiring 2 punch cycles) while the SCB-80 has 7 punches (requiring 3 punch cycles). Paper movement is accomplished by simple knob rotation. Includes spreader for binding books up to 2" thick.

Code: **SCB-60** 60 sheet capacity
SCB-80 80 sheet capacity

COILMAC COIL PUNCHES AND INSERTERS



The CoilMac series of coil punches and inserters offers both an electric punch version and a manual punch version. Both have electric roller inserting. The CoilMac Manual can punch up to 17 sheets of 20 lb paper at one time. The electric model can punch up to 20 sheets at one time. Both are capable of binding books up to 7/8" thick. Pitch is 4:1.

Code: **COILMAC-M** Manual Punch
COILMAC-E Electric Punch

PLASTIC COMB BINDINGS

Packaged 100 to a box. Most colors available. Please specify when ordering.

Code:	Size:	Code:	Size:
BC-316	3/16"	BC-12	1/2"
BC-14	1/4"	BC-916	9/16"
BC-516	5/16"	BC-78	7/8"
BC-38	3/8"	BC-1	1"
BC-716	7/16"	BC-112	1 1/2"

BINDERY WORKSTATION TABLE



The Bindery Workstation Table is designed to complement the production of our General Graphic paper drills and punches. The Workstation includes 5 sliding drawers and two side tables that can be folded down when not in use. Overall dimensions with side tables out is 52" wide by 24" deep. The side tables are 16" x 24". Overall height is 26 1/2". This lower height gives added leverage and aids in the operation of the FP Series Drills and Punches. It comes fully assembled. Weight is 80 lbs.

Code: **WS**

PLASTIC COIL 4:1 PITCH

Code:	Size:	Color:	Code:	Size:	Color:
C6B C6W C6C	1/4" 6MM	Black White Clear	C16B C16W C16C	5/8" 16MM	Black White Clear
C8B C8W C8C	5/16" 8MM	Black White Clear	C20B C20W C20C	3/4" 20MM	Black White Clear
C10B C10W C10C	3/8" 10MM	Black White Clear	C22B C22W C22C	7/8" 22MM	Black White Clear
C11B C11W C11C	7/16" 11MM	Black White Clear	C25B C25W C25C	1" 25MM	Black White Clear
C13B C13W C13C	1/2" 13MM	Black White Clear	C28B C28W C28C	1 1/8" 28MM	Black White Clear
C14B C14W C14C	9/16" 14MM	Black White Clear	C32B C32W C32C	1 1/4" 32 MM	Black White Clear
C15B C15W C15C	19/32" 15MM	Black White Clear			

Coil, Comb and Wire Binding Equipment

Coil Machines

Coil Pro 201 Plastic Coil Binding Machine

The **Coil Pro 201** punches up to 20 sheets of paper (20 lb.) in a 4:1 hole pattern. Punching width is up to 13" (11", A4). Machine has electric roller for coil insertion. Other features include adjustable back margin depth and 53 disengageable punch pins.
Power 110V 60HZ 8W
Dim.: 19"(W) x 15"(D) x 19"(H)
Ship Wt. 30 lbs



Code: **CP-201**

Coil Pro 101i Plastic Coil Binding Machine

The **Coil Pro 101i** punches up to 12 sheets of paper (20 lb.) in a 4:1 hole pattern. Punching width is 11". Includes power roller for inserting and has adjustable back margin depth.
Power 110V 60HZ
Dim.: 15.5"(W) x 9"(D) x 15"(H)
Ship Wt. 12 lbs.



Code: **CP-101i**

Coil Pro 101 Plastic Coil Binding Punch

The **Coil Pro 101** punches up to 12 sheets of paper (20 lb.) in a 4:1 hole pattern. Punching width is 11". Has adjustable back margin depth.
Dim.: 15"(W) x 9"(D) x 15"(H)
Ship Wt. 10 lbs.

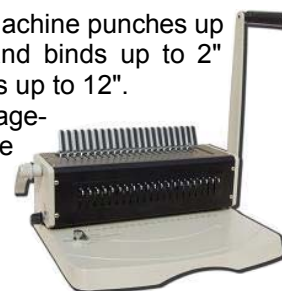


Code: **CP-101**

Plastic Comb Machines

CB Pro201 Plastic Comb Binding Machine

The **CB Pro 201** Comb Binding Machine punches up to 20 sheets of paper (20 lb.), and binds up to 2" thick documents. Punching width is up to 12". The **CB Pro 201** has 21 disengageable punch pins and has adjustable back margin depth.
Dim.: 19"(W) x 14"(D) x 18"(H)
Ship Wt. 22 lbs



Code: **CB-201**

CB Pro 200 Plastic Comb Binding Machine

The **CB Pro 200** Comb Binding Machine punches up to 20 sheets of paper (20 lb.), and binds up to 2" thick documents. Punching width is up to 11". The **CB Pro 200** has 3 disengageable punch pins and has adjustable back margin depth.
Dim.: 17"(W) x 14"(D) x 14"(H)
Ship Wt. 16 lbs



Code: **CB-200**

CB Pro 101 Plastic Comb Binding Machine

The **CB Pro 101** Comb Binding Machine punches up to 12 sheets of paper (20 lb.), and binds up to 2" documents. Punching width is up to 11". Binds up to 2" thick documents and has adjustable back margin depth.
Dim.: 15"(W) x 10"(D) x 10"(H)
Ship Wt. 10 lbs.



Code: **CB-101**

Wire Binding Machines

WirePro 201 Wire Binding Machine 3:1

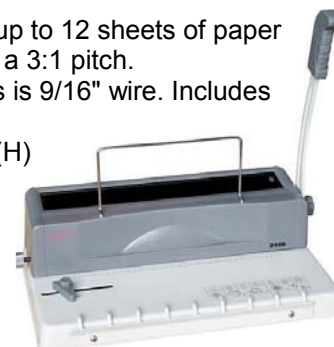
The **WirePro 201** punches up to 20 sheets of paper (20 lb.) with square holes in a 3:1 pitch. Maximum binding thickness is 9/16" wire. Punch width is up to 12". The **WirePro 201** has 34 disengageable punch pins and adjustable back margin depth. Machine includes integrated wire closer.
Dim.: 15"(W) x 19"(D) x 18"(H)
Ship Wt. 29 lbs



Code: **WP-201**

WirePro 101 Wire Binding Machine 3:1

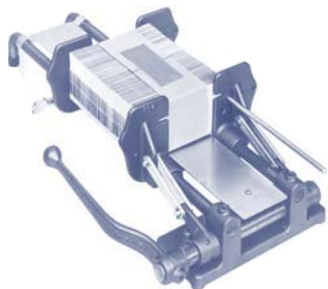
The **WirePro 101** punches up to 12 sheets of paper (20 lb.) with square holes in a 3:1 pitch. Maximum binding thickness is 9/16" wire. Includes integrated wire closer.
Dim.: 16"(W) x 10"(D) x 14"(H)
Ship Wt. 13 lbs



Code: **WP-101**

Banding, Perfing and Numbering

PRO BANDER BANDING PRESS



Fast, efficient, professional way to bundle folded jobs. The Pro Bander's solid cast iron construction is built tough to last for years. To band, just place pre-cut tie strips or General Graphic Cohesive Bands on bottom plate. Load the Pro Bander with folded sheets. Compress folded sheets. The positive lever-action clamp locks automatically as it compresses. Wrap or tie into a neat, easy to count, easy to handle bundle. Handles folded stacks up to 12". Shipping weight 47 lb.

Code: **BAND-A**

COHESIVE BANDING STRIPS

Strong, self-sealing paper bands work right along with General Graphic's Banding Press. Available in two convenient sizes, 22" x 1 7/8" wide and 30" x 1 7/8" wide. Five-hundred strips per package.

Code: **BAND-22** 22" long strips
BAND-30 30" long strips

NUMBERING MACHINE

Tabletop six wheel numbering machine can number up to eight part carbonless forms. Number consecutive, duplicate, triplicate, four times, six times, twelve times or repeat action. Includes one gothic head with bottle of ink and five ink pads.



Code: **NR** Numbering Machine
BI Black Ink
RI Red Ink

D370 CARD MAKER

An economical rotary trimmer that will cut, perforate, score and deckle cut up to 3 sheets of paper. Ideal for those small jobs. Comes with 4 interchangeable heads.



Code: **D370**

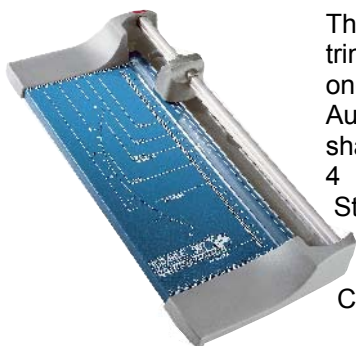
PERF AND SCORE II

Tabletop perforating and scoring machine. Handles stock from 20 lb. to cover stock. Perf wheel has 10 perfs per inch. Includes one each perforation wheel and one score wheel. Available in two sizes.



Code: **PSM** 19 1/2" sheet capacity
PSM-25 25" sheet capacity

MODEL 570 PERFING/CUTTING



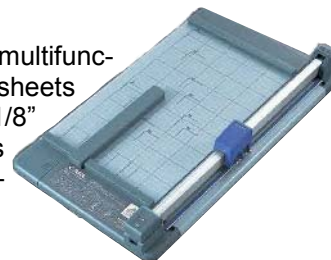
The Personal Trimmer Kit will trim up to 7 sheets of paper at one time. Cut length is 12 1/2". Automatic paper clamp and self sharpening blade. Comes with 4 interchangeable blades: Straight, Cut, Perf, Wavy, and Deckle.

Code: **D570K**



PERF/SCORE/TRIMMER

A three in one trimmer. This multifunction trimmer can cut up to 32 sheets of copy paper, card stock or 1/8" foam board. Additional blades allow for perforating and scoring. Maximum cutting width is 25"



Code: **DC-250** 25" Trimmer
B-01 Replacement Cutting Blade
B-02 Replacement Perfing Blade & Scoring Blade (one each)

Round Corner Machines

MODEL 20 CORNER ROUNDER



The Model 20 is designed to handle paper and plastic products. It has a capacity of up to a 1/2" of stock per cut with its shear cutting action. Compact 5" x 10-1/2" size makes it easy to use. Comes with choice of standard die.

Code: **CR-20** Machine w/Standard Cutting Unit



Standard Dies		Special Dies	
Code:	Size:	Code:	Size:
CU18	1/8" Die	CU516	5/16" Die
CU14	1/4" Die	CU58	5/8" Die
CU38	3/8" Die	CU34	3/4" Die
CU12	1/2" Die	CU1	1" Die

Other size dies available.

MODEL 50

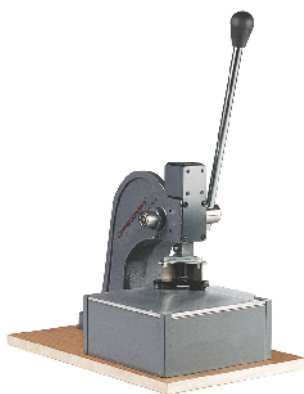
A floor model cutter designed to cut paper and plastic. Conveniently located foot pedal for fast and economical corner cutting. Accepts standard, special and large size cutting units. Electric version operated with a foot-pedal allows for up to 30 strokes per minute. One standard size included. Uses same dies as Model 20.

Code: **CR-50** Standard Floor Model
CR-50P Electric Floor Model



MODEL 60

The Model 60 is designed especially for the sign industry. It features a one ton press capacity and interchangeable tables, which allow for quick changes of radii. Four table sizes available (1/2", 3/4", 1", 1-1/2"). Shear capacity of up to .080 half hard aluminum. Weight: 38 lbs Shipping weight: 46 lbs Dimensions: 12" x 9"

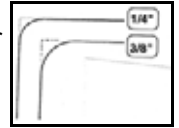


Code: **CR-60** Round Corner Machine Sign
60-12TA 1/2" Die and Table
60-34TA 3/4" Die and Table
60-1TA 1" Die and Table
60-112TA 1-1/2" Die and Table

NICE-N-EZ CORNERING MACHINE



The Nice-n-EZ is a precise and smooth cornering machine for cutting up to 1" of stock. Ideal for rounding corners on literature, business cards, photographs, negatives and plastic. Handle has a 5" wide grip and is extended in length to provide greater leverage. Large base for better balance. Comes with choice of blade and die.



Code: **EZ** Cornering Machine
EZ-14 1/4" Blade **EZD-1** Die 1/4"-3/8"
EZ-18 1/8" Blade **EZD-2** Die 1/8"-1/2"
EZ-12 1/2" Blade **EZ-3** Plastic Pad
EZ-38 3/8" Blade

DIAMOND ROUND CORNER MACHINE

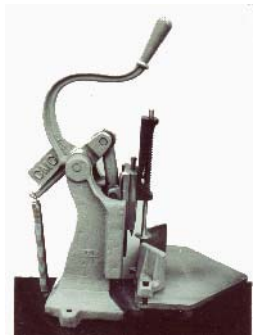
Round corner covers, laminates, business cards, PVC, polyester, and various papers. Maximum cutting capacity is 3/8". Includes 1/4" radius knife. Specially designed to cut through multiple sheets at a time with the least effort and with minimum die depreciation. Other size dies available.



Code: **DRC-1** Diamond Round Corner Machine

CRAFTSMEN ROUND CORNER MACHINE

Heavy duty table top round cornering machine. Cuts through lifts of paper up to 2 1/2" in thickness. Self-adjusting spring operated clamp precedes the knives and holds lift firmly in place. Includes a 3/8" radius knife/die set. Extra knives available in 1/4", 1/2", and 3/4" radius. Shipping weight is 65 lbs.



Code: **CRC** Craftsmen Round Corner Machine
RC-14 1/4" Round Corner Knife and Die
RC-38 3/8" Round Corner Knife and Die
RC-12 1/2" Round Corner Knife and Die
RC-34 3/4" Round Corner Knife and Die

Joggers and Creasing Machine

LJ-2 BIN JOGGER

Perfect for quick printers and mail rooms. Jogs a full ream of standard copy paper or one-half ream of 11" x 17". Ideal for checks and envelopes. Table size is 4"W x 7"D x 13"H. Shipping weight is 32 lb.



Code: **LJ-2**



LJ-4 TRAY JOGGER

Large table allows for perfect alignment of all forms of paper products. Table size is 17" x 17". Tilt is nonadjustable. Capacity is one ream of 11" x 17". Shipping weight is 36 lb.

Code: **LJ-4**

LJ-6 SPLIT BIN JOGGER

Four bins for faster sorting and collating of paper, envelopes, checks, and other materials. Table size is 18 1/2" x 10". Bins are 4" wide. Shipping weight is 37 lb.



Code: **LJ-6**



LJ-8 FLAT TOP JOGGER

Flat top jogger ideal for jogging handheld stacks of paper. Jogging area is 7" x 10".

Code: **LJ-8**

HANDY-JOG JOGGERS

The Handy-Jog is a low cost, highly effective jogger that fits into the most cost-conscious budget. With its small footprint, the Handy-Jog can be placed beside any machine. Unlike other low cost joggers that have motors, bearings, and rubber couplings, the Handy-Jog has no moving parts that will wear or require maintenance.



Code: **HJ** Handy-Jog (8 1/2" x 11")

The **Handy-Jog** is also available in two other styles to fit the particular job.



The Check Tray jogger has a tray divided in 3 for jogging checks.

Code: **HJ-C** Handy-Jog w/check tray

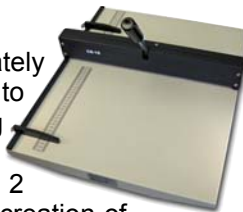
Handy-Jog can jog paper stacks up to 3" high. Maximum stock size is 11" x 17". Dimensions are 16 1/2" (w) X 9 1/4" (d) X 14 15/16" (h).

HJ-L Handy-Jog w/large tray (11" x 17")



CR18 MANUAL PAPER CREASER

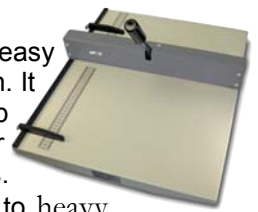
The CR18 paper creaser accurately scores short run digital print jobs up to 18" wide without the risk of cracking the printed image. Creases up to a 17 pt. cover stock. You can set up to 2 stops (one in each direction) for easy creation of 2 creases on one sheet without having to remove the sheet and reset the guide.



Code: **CR18** 18" Manual Creaser

MP18 MANUAL PAPER PERFORATOR

Perforates up to 18" wide sheets for easy folding & tearing along the perforation. It has 2 adjustable stops for creating up to 2 perforations in one pass or for easy set up multiple perforating jobs. Handles standard paper weights up to heavy cardstock. Perforates 16 perforation per inch (micro perf).



Code: **MP18** 18" Manual Perforator

ANTI-STATIC TINSEL



Anti-Static Tinsel features solid copper bristles and offers a safe, low-cost method of eliminating static electricity. Box contains two 12 yard rolls of tinsel.

Code: **TINSEL**

IMPRESS STATIC CONTROL TREATMENT

Prevents dirt particles from adhering to treated surfaces. Eliminates friction to reduce static build-up and prevent dirt, dust, lint, and contamination.

Code: **IM-4** Impress 4 oz
IM-16 Impress 16 oz



ANTI-STATIC SPRAY

Reduces dust attraction. Helps eliminate static electricity. Use on metal rollers, feed boards, delivery trays where materials are being printed, folded, laminated or converted. Use on furniture, and carpets to eliminate static electricity around computer systems.

Code: **STATIC** Anti-Static Spray 14 oz



BANCHEEZ CLOTH

Durable, extra low-lint wipers, Bancheez Cloth wipes cleanly without contaminating. Bancheez Cloth allows superior cleaning of your pre-press equipment. Highly absorbent, solvent resistive, reusable and disposable.



Code: **BAN-PAK** 12 x 13 Wipes (50/pkg)

AIR PURIFIER



THE ONE THAT WORKS Printers Air Purifier was created especially for the pressroom. It was designed to clear the air of chemical fumes, smoke, and odors particularly prevalent in printing shops.

Unlike other appliances that electronically collect dust, pollens and smoke particles, **THE ONE THAT WORKS** filters all of the air in the press room through 340 cubic inches (6 lbs.) of activated carbon. The activated carbon acts like tiny magnets that attract chemical fumes and odors. This magnetic action is called absorption and makes activated carbon the most effective means of purifying the air. The washable dust filter, made of reticulated polyurethane foam, traps paper dust, press powder, pollens, and filters particles as small as one micron.

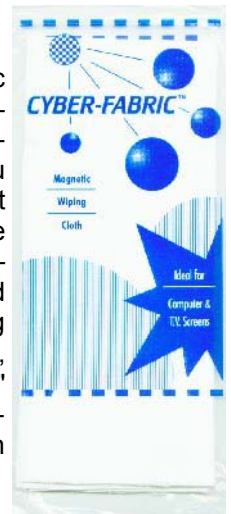
THE ONE THAT WORKS Model 34 will service a room up to 2,500 square feet, replacing the unpleasant air with clean healthful air every 10-15 minutes at high speed. Model 36 will service a room up to 5,000 square feet.

Code: **TOTW-34** 2,500 square feet coverage
TOTW-36 5,000 square feet coverage

CYBER-FABRIC

Magnetic Wiping Cloth

Permanently charged polymer fabric attracts dirt, dust, lint, and other particles like a magnet. Millions of microscopic loops catch the dust as you wipe it across the surface. Super-soft Cyber-Fabric allows surface safe cleaning of films, plates, drums, computer monitors, etc. IMPRESS treated surfaces allow the "magnetic" wiping fabric to remove all types of dirt, never releasing it from the "magnetic" fabric until washed in water. Cyber-Fabric is machine washable and can be reused many times.



Code: **CF** Cyber-Fabric 17" x 18" (12/Pkg)

Wide Format Supplies

GROMMET PRESS

The GM-1 Grommet Press has a heavy duty cast iron frame. Ideal for placing grommets in a variety of material. Available with a 5/16" die for using #1 grommets or 3/8" die for #2 grommets.

Specifications:
Height: 16 1/2"
Weight: 23 lbs
Bench Space: 3 1/2" x 9 1/4"

Code: **GM-1** w/#1 Head
GM-2 w/#2 Head



Banner Tape

A double coated banner tape used in bonding vinyl materials. Made of 1 mil polyester coated on both sides with a very aggressive acrylic adhesive.



Code: **BTAPE** 1" x 36 yards

COTTON GLOVES

Ideal for handling wide format ink jet prints and other sensitive materials. Protects hands and materials.



Code:
GLOVE-CM medium 12 pair/package
GLOVE-CL large 12 pair/package
GLOVE-CL3 large 3 pair/package

MODEL 405 GROMMET PRESS

The 405 Grommet Press has a heavy duty cast iron frame. Ideal for placing grommets in a variety of material. Comes with a 5/16" die for using #1 grommets.

Specifications:
Height: 12"
Weight: 20 lbs
Bench Space: 3 1/2" x 9"

Code: **GM405**



COMPASS CIRCLE CUTTER

This heavy-duty compass cutter designed to cut circles from approximately 3" to 12" diameter. An excellent tool for cutting half-moon wind slits in banners. Also perfect for scribing circles necessary for the installation of recessed lighting in addition to cutting cardboard, mat board, and thin plywood. This knife uses the LB series replacement blades.



Code: **CMP-2**

GROMMETS

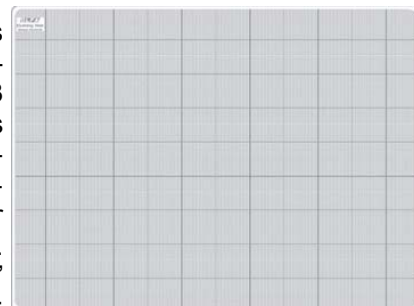
We recommend using specific grommets for specific machines. All our grommets are "No Hole Needed" Self-Piercing Grommets are made from heavier gauge brass than traditional sheet metal grommets. When paired with their matching washers, they pierce and set in a single action without the need for a pre-punched hole. Just place the grommet in the top set, lay the washer on the bottom set, position your work and pierce and set in one action.



Code: **SRIV** #1 5/16" for GM-1
SRIV-2 #2 3/8" for GM-2
SRIV-S #1 5/16 for GM-405
500 per box .200 length
SRIVE Extended #1 Grommet w/washer
500 per box .320 length
SRIVE-2 Extended #2 for GM-2
500 per box .320 length

CUTTING MATS - SELF-HEALING

Self-healing properties allow for maximum durability. The 1/8" (3 mm) thickness protects work surfaces from being damaged. Pre-printed 1/2" grid for easy sizing of paper. Sizes smaller than 36" x 48" are translucent; larger sizes are green.



Code:
CB1218 12" x 18" Cutting Mat Translucent
CB1824 18" x 24" Cutting Mat Translucent
CB2436 24" x 36" Cutting Mat Translucent
CB3648 36" x 48" Cutting Mat Green
CB4060 40" x 60" Cutting Mat Green
CB4896 48" x 96" Cutting Mat Green

SAFETY EDGE CUTTING BAR

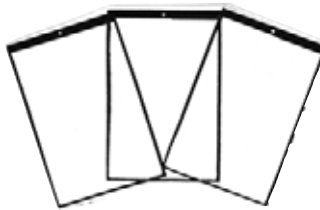
Protects hand while cutting materials as well as helps to insure straight and accurate cuts. Non skid magnetic rubber base prevents slips. Easy to hold rigid lip. Hangs for storage. Graduated edge.



Code:		Code:	
SE30	30" Safety Edge	SE48	48" Safety Edge
SE36	36" Safety Edge	SE60	60" Safety Edge
SE42	42" Safety Edge	SE72	72" Safety Edge

SHOP TICKET HOLDERS

Heavy-duty vinyl, sealed on three sides, metal eyelet at top for hanging. Great for frequently handled materials.



Code:	
SHT-912	9" X 12" 25/package
SHT-1218	12" X 18" 25/package

PLASTIC TRIANGLES

Clear plastic 30-60-90 degree triangle with center hole cut out for easy lifting.



Code:	TRI-12	12" Triangle
	TRI-14	14" Triangle
	TRI-18	18" Triangle

FOAM BOARD CUTTER

Ideal for cutting mat and foam board up to 1/2" thick. The flat support base makes clean even cuts easy. Snap on attachment gives beveled angles.



Code: **X7747**

VELCRO CUT STRIPS

Each package contains four 1" x 4" strips of adhesive backed Velcro sets. Can be used indoors for attaching large format materials, signage, etc.



Code: **V-STRIPS**

ALUMINUM T-SQUARES



One edge is graduated with the first inch in 1/32nds, thereafter in 1/16ths. The other edge is in centimeters. Two inch wide blade is constructed of instrument grade aluminum attached to a durable plastic head.

Code:	TSQ-24	24" Aluminum T-Square
	TSQ-30	30" Aluminum T-Square
	TSQ-36	36" Aluminum T-Square
	TSQ-48	48" Aluminum T-Square

DISPLAY AND HANGING HARDWARE

Gripper Sign Holders

Adhesive base, 3" length

100/pkg

#108524 1/2" opening

#108526 1" opening



Adhesive Clips

1" x 1" adhesive back. Will hold material up to .187" thick.

100/pkg

#10805



Loop End Cable

1/32" diameter with 1/2 loop

100/pkg

#102002 12"

#102004 24"

#102005 36"



Metal Jack Chain Kit

2-48" chains and 4 -"S" hooks

100 Kits/pkg

#104014



S Hooks

250/pkg

#108003 1" long

#108007 2" long

#120500 2" long white styrene



Double C Hooks

250/pkg

#108010 4"

#108011 6"

#108014 12"

#108016 18"

#108018 24"

#108021 36"

#108023 48"



Ceiling Hook & Cord

2-1/4" hook length. Polypropylene material w/white braided cord on clip.

100/pkg

#107044 4'

#107046 6'



Triway Mobile Kits

12 5/8" wide x 1/2" thick 3 sided. For 20" - 40" posters.

100/pkg

#107061



Plastic Suction Cups

100/pkg

Mushroom Head

#130605 3/4"

#130607 1 3/4"

#130608 2 1/2"

W/Metal Hook

#130809 3/4"

#130611 1 3/4"

#130612 2 1/2"



Hanging Coils

3/8" x 1 1/4" long

100/pkg

#106001



Squeeze Clips

Overall length is

2 1/2". 100/pkg

#107002



Gloves

VINYL - DISPOSABLE

Chemical resistant, ideal for people who have developed a reaction to latex gloves. Looser fitting than the latex so that hands can breathe. Tear resistant. Available as both **powdered** and **non-powdered**. Comes 100 gloves to a dispenser box.

Code:	Size:
GLOVE-VS	small
GLOVE-VM	medium
GLOVE-VL	large
GLOVE-VX	extra large

Powdered

GLOVE-VMP	medium
GLOVE-VLP	large



LATEX - DISPOSABLE

General Graphic latex gloves are strong medical grade latex. Lightly powdered. Packaged 100 gloves to a dispenser box.

Code:	Size
GLOVE-M	medium
GLOVE-L	large
GLOVE-X	extra large



NITRILE - DISPOSABLE

Disposable Nitrile Gloves are resistant to most solvents except ketones and acetone. Gives excellent protection. Precise, comfortable fit reduces hand fatigue. Packaged 100 gloves to a dispenser box.

Code:	Size:
NIT-S	small
NIT-M	medium
NIT-L	large
NIT-X	extra large



NITRILE - REUSABLE

Strong green Nitrile gloves with non-slip grip surface and soft lining. Offers same protection as disposable.

Code:	Size:
NBR-S	small (pair)
NBR-M	medium (pair)
NBR-L	large (pair)
NBR-X	extra large (pair)

NEOPRENE - REUSABLE

Resists oils, acids, caustics, wax, alcohol, and solvents. High tensile strength. Resists abrasions and cuts. Embossed non-slip grip. Bacteriostatic lining retards perspiration odor.

Code:	Size:
NP-M	medium (pair)
NP-L	large (pair)
NP-X	extra large (pair)



Cleaning and Safety Products

TROUNCE Lotion Hand Cleaner with Pumice

Pleasantly scented with fine ground pumice for deep scrubbing to remove the most difficult soils. This fast-acting formula won't irritate hands or leave a greasy residue. Professional strength.



Code: **21218** 1 gallon

FAST ORANGE Lotion Hand Cleaner with Extra Fine Pumice

Fast Orange hand cleaner quickly removes ground-in grease and grime without abrading skin like coarser pumice hand cleaners. Pure, fresh-scented natural citrus power does the cleaning. Contains aloe, lanolin, jojoba and Corn Huskers Lotion to condition skin.



Code: **25218** 1 gallon

REALLY WORKS HAND CLEANSER

Formulated for the printer, Really Works citrus based waterless hand cleanser offers fast clean-up, is non-toxic and non-polluting. Use with or without water. Natural ingredients are gentle and will not dry skin. Available with or without pumice in recyclable 4.5 pound plastic containers.



Code: **RW-NA** 4.5 lb Really Works Non-Abrasive
RW-P 4.5 lb Really Works Pumice

SCRUBS IN A BUCKET

SCRUBS in-a-Bucket® is the revolutionary pre-moistened hand cleaner. The SCRUBS® citrus-based formula combined with an absorbent, no scratching towel will loosen, dissolve, and absorb soils from your hands.



Code: **SCRUBS**

NO ROLL EAR PLUGS

New no roll design makes insertion easy. Reduced diameter and smooth outer skin provide long term comfort and avoid the stuffed up feeling. The only single use plug that screens harmful noise out but lets voice pass through. Disposable. SNR of 29db



Code: **EP-NR** 10 pair/pkg
EP-NRC 200 pair/case

EAR PLUGS W/ CORD

E-A-R Plugs offer custom-fit hearing protection with the convenience of a stay together easy to see blue vinyl cord. Packed 10 pair per package.



Code: **EP-C**

SAFETY GOGGLES

Molded of soft, clear, flexible vinyl that conforms to the face and nose, these goggles have 4 vents to eliminate fogging. With clear acetate lenses, the goggles can be worn over regular eyeglasses with complete comfort. Adjustable elastic headband is 13 mm (1/2") wide.



Code: **GOGGLE**

EYE WASH SAFETY STATION

Molded in safety green, the eye wash stations can be wall mounted for quick access to eye-wash solution when an emergency occurs. The Single Eye Wash Station is supplied with one 1000 ml (32 oz.) bottle filled with sterile, isotonic, buffered eye wash solution, ready for immediate use.



Code: **EYE**

BACK SUPPORT BELT

Provides comfortable relief from lower back strain. Easy adjustable elastic outer panels for added lower back support.

Code: **BS-M** medium
BS-L large



Safety Products

OILY WASTE CANS

Provides safe, temporary disposal of flammable liquid soaked rags or waste materials. Hinged, self-closing, full-width cover is snug fitting to guard against spontaneous combustion. Quickly opens to 60 degrees with slight pressure on full-width foot treadle (except 21 gallon). Red enamel finish.



Code:	Capacity:	W x D x Ht (in):
1401	6 gal	11 1/4" Sq. x 14 3/4"
1402	8 gal	13" sq x 15 1/2"
1403	10 gal	13" sq x 17 3/4"
1404	14 gal	15" sq x 19"
1456	21 gal	18" diameter x 22 1/4"

FLAMMABLE LIQUID CABINETS



Small size safety storage cabinets that are especially well suited to the print shop environment. Conforms to NFPA Code 30 and OSHA standards. Welded double wall construction, 3-point lock. Comes with leveler feet and leak proof sill. Yellow enamel finish. Cabinets feature a grounding connection and dual vents with flash arresters. Available with manual and self-closing doors. The 12 gallon and 30 gallon cabinets come standard with one shelf. The 45 gallon and 60 gallon cabinets have two. Shelves are fully adjustable and have a 500 pound capacity.

Manual Door Cabinets

Code:	Capacity:	Size H x W x D:	Shp Wt
5512	12 gal	35" x 23" x 18"	115 lb
5530	30 gal	44" x 43" x 18"	244 lb
5545	45 gal	65" x 43" x 18"	333 lb
5560	60 gal	65" x 31 1/4" x 31 1/4"	447 lb

Self-Closing Cabinets

Code:	Capacity:	Size H x W x D:	Shp Wt
5512S	12 gal	35" x 23" x 18"	121 lb
5530S	30 gal	44" x 43" x 18"	255 lb
5545S	45 gal	65" x 43" x 18"	347 lb
5560S	60 gal	65" x 31 1/4" x 31 1/4"	465 lb

AIRUG ANTI FATIGUE MATS



Provides basic anti-fatigue protection with PVC closed cell foam 3/8" thick. Relieves leg and back discomfort and provides a barrier to cold floors. All four sides are beveled to minimize trip hazards.

Code:	Size:	Code:	Size:
EZ38-2736	27" x 36"	EZ38-3660	36" x 60"
EZ38-2760	27" x 60"	EZ38-312	36" x 144"

DIAMOND STAT ANTI STATIC/ANTI FATIGUE MATS

Diamond Stat mats provide maximum effectiveness against static electricity. Each mat comes with a grounding cord. Constructed of durable vinyl plate top surface on a dense closed cel foam base giving the mat a total thickness of 9/16". In addition to antistatic, the Diamond Stat mats also provide excellent anti-fatigue support. Surface is textured for anti slip.

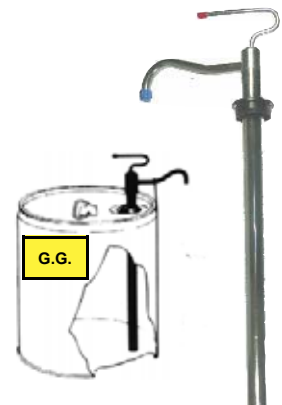


Code:	Size:	Code:	Size:
826DS2436	24" x 36"	826DS312	3' X 12'
826DS3660	36" x 60"		

PAIL PUMP

Metal self venting pail pumps. For use with five gallon pails.

Code:
M-45 5 Gallon Pail Pump



FIND THESE QUALITY GENERAL GRAPHIC PRODUCTS

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FIND THESE QUALITY GENERAL GRAPHIC PRODUCTS

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