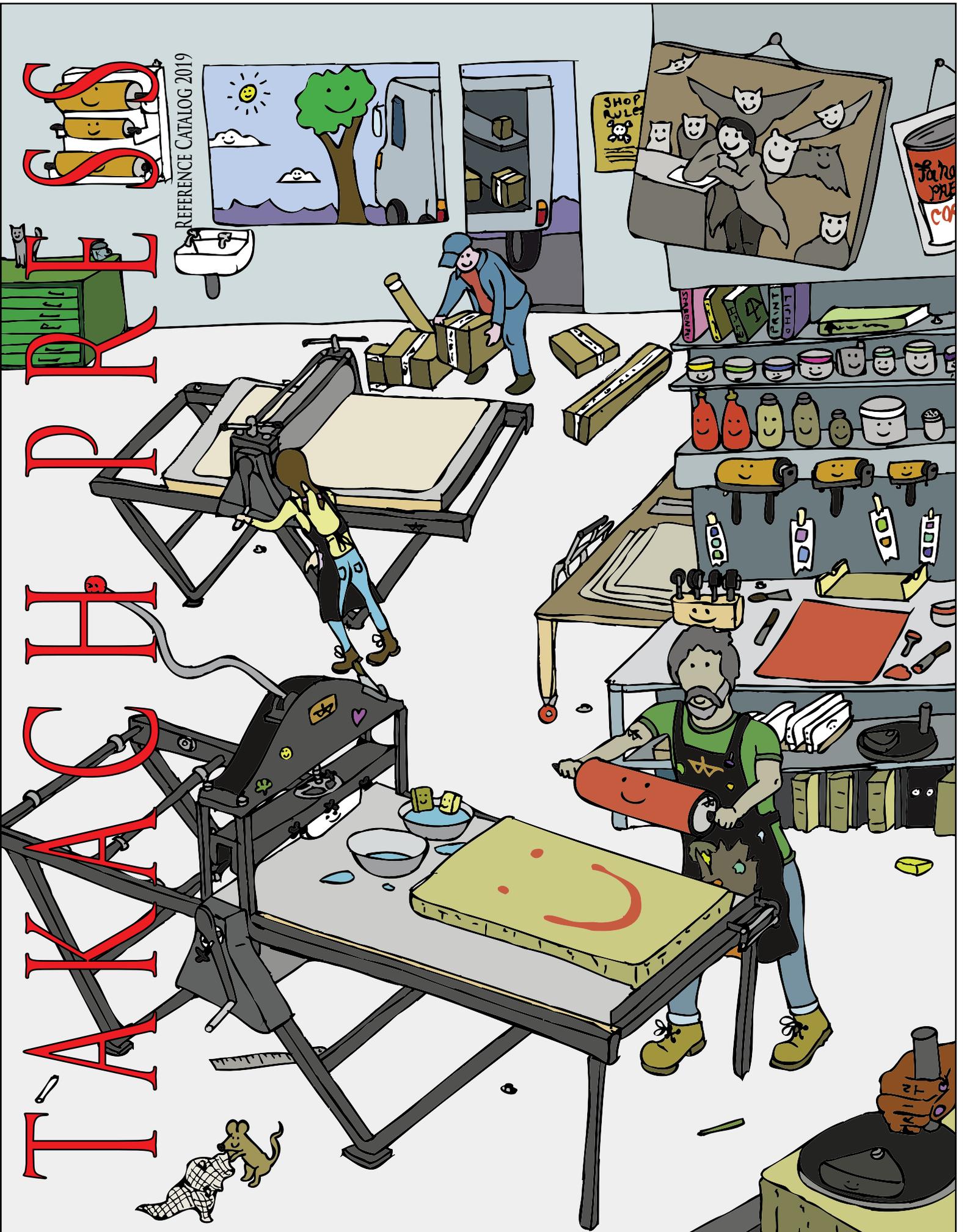


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Dear Friends,

We have teamed with industry leaders to offer hard-to-find studio equipment and common printmaking supplies for your convenience. We will continue to add quality products for your studio and welcome any suggestions you may have.

Takach Press printmaking equipment has been designed for you, the printmaker, and we at Takach Press hope that you will soon experience the pleasure and satisfaction of pulling a print from one of our presses. As a testament to our quality we offer a 20 year written warranty on all new Takach etching and lithography presses.

We sincerely wish to thank all of our customers for your endorsements and continued support.

*Stephen D. Takach*

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Cover art by:  
 Mark Wallis  
[www.marklesparkles.com](http://www.marklesparkles.com)

Takach floor model etching presses produce the highest quality fine art prints including:

- Aquatint & Mezzotint
- Collagraph
- Copper & Zinc Plate
- Linoleum Block
- Monotype
- Photopolymer
- Wood Cut



## Takach Floor Model Etching Press



### Press Bed

Three inch thick, staggered grain, hard rock maple wood is the core of our press bed. All wood sections are relief cut according to manufacturer's

specifications to eliminate bed warp. Bed sections are joined with  $\frac{3}{4}$ " diameter steel pins. The working surface and underside of the press bed are protected by a  $\frac{1}{4}$ " precision ground aluminum plate with a phenolic-resin outer layer. This working surface can withstand all chemicals used in the printing process and very high pressure without embossment problems or loss of printing pressure.



### Bed Leveling Eccentric Bearings

Independently adjustable precision ball bearings support the press bed and eliminate uneven printing pressure. These bearings, in

conjunction with Nylatron wear strips attached to each side frame, ensuring minimal bed friction. These features provide ultra-smooth bed travel.



### Internal Bed Stop

The bed stop secures the moving press bed to the press frame, allows full press bed travel and maximizes the available printing area. The internal placement of the bed stop minimize dangerous pinch points.

### Finish

Press parts are protected by either nickel plating, anodizing, powder coating or high quality paint.



### Pressure System

Hardened steel pressure screws adjust printing pressure by raising and lowering the upper pressure drum. Micrometer pressure dials are standard with each press.

Micrometers establish even pressure and repeatability. The upper pressure drum may be raised up to a full  $1 \frac{1}{4}$ " above the bed for relief printing.

### Frame Unit

Steel tubing with a heavy  $\frac{3}{16}$ " wall is bolted and MIG welded for maximum strength. The lower frame unit may be fully disassembled if necessary.

### Pressure and Drive Drums

Two large diameter drums aid the user tremendously when heavy pressure is being used during the printing process. Nickel plating protects the surface of the drums, preventing rusting to minimize maintenance. Welded drum shaft, support baffles, and heavy wall  $10 \frac{3}{4}$ " diameter tubing are machined to precise specifications to perform as a concentric unit. The bearing housings are heavy duty and self aligning which provides maximum support for the drums.

### Bed Drive System

A double reduction chain and sprocket drive system makes hand cranking effortless. The user is protected from moving parts of the bed drive system by a brushed stainless steel chainguard.

**Motorized drive systems are also available.**

# Floor Model Etching Press Pricing

Floor Model	2648	3460	4072	4484	4896
Bed Size	26" x 48"	34" x 60"	40" x 72"	44" x 84"	48" x 96"
<b>Hand Operated Etching Press</b>	Item#0502648 \$12,537	Item#0503460 \$15,267	Item#0504072 \$17,189	Item#0504484 \$20,433	Item#0504896 \$23,804

Motorized Press Pricing: Page 6

Combination Press Pricing: Page 5

## Floor Model Etching Press Options



### Synchronized Pressure System

This optional design allows accurate adjustment of printing pressure from a single side of the printing press. This eliminates the need to walk around or reach across the press each time you adjust printing pressure. In place of micrometer pressure dials a torque wrench (included) is used to establish even pressure and repeatability.

*\*Only new press purchases.*

Item #	Use with Press Model	Price
19126	2648	\$1,265
19134	3460	\$1,340
19140	4072	\$1,490
19144	4484	\$1,645
19148	4896	\$1,715



### Rotational Blanket System

This optional feature includes the synchronized pressure system. The rotational blanket system eliminates the need to lift the blankets off the press bed to retrieve your artwork, plate, etc. The blankets are wrapped around a stainless steel hoop mounted above the pressure drum. As the press bed moves, the blankets rotate with the upper pressure drum. Readjustment of blanket tensions is not required when printing pressure is adjusted. The blankets are secured around the upper cylinder with Velcro sewn to blanket ends.

### Prices includes

- Synchronized pressure system
- Mounted stainless steel hoop
- One set of three custom length felt blankets (sizing catcher, pusher and cushion)

Item #	Use with Press Model	Price
1922648	2648	\$1,990
1923460	3460	\$2,195
1924072	4072	\$2,595
1924484	4484	\$2,995
1924896	4896	\$3,390



### Captain's Wheel

An optional 36" diameter captain's wheel replaces the standard crank handle.

Item # 19036 \$345



### Floor Model Press Locking Swivel Casters

Custom built casters aid the transportation of floor model presses. Each individual caster is rated to carry a load up to 900 lb.

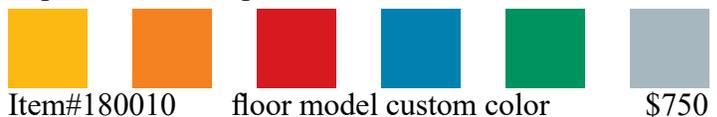
Item #1221 set of 4 \$425



### Custom Press Color

A durable black and metallic silver powder coat finish is standard. Hundreds of colors available.

<http://www.takachpress.com/Custom/Colors.htm>

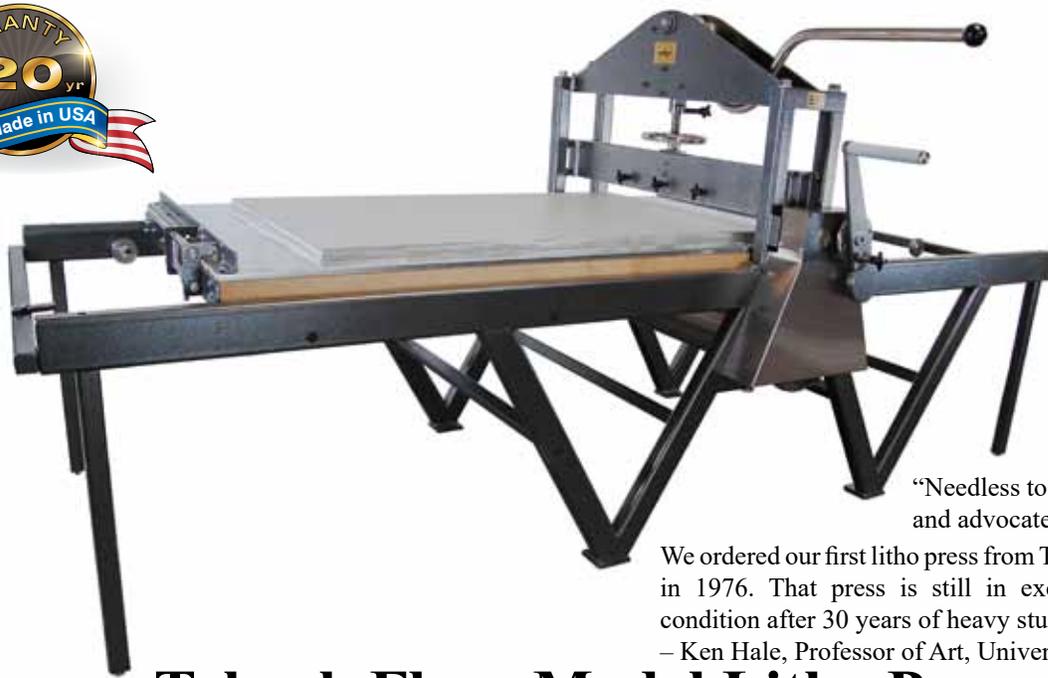


Item#180010 floor model custom color \$750



Floor model etching press shown with optional • Synchronized pressure system • Rotational blanket system • Captain's wheel

If you have questions about customizing your etching press please call or E-mail our sales staff. We will be glad to discuss the options.



“Needless to say, I am a firm believer and advocate of your products.

We ordered our first litho press from Takach Press Corporation in 1976. That press is still in excellent and trouble-free condition after 30 years of heavy student use and abuse.”

– Ken Hale, Professor of Art, University of Texas, Austin

## Takach Floor Model Litho Press

### Press Bed

Three inch thick, staggered grain, hard rock maple wood is the core of our press bed. All wood sections are relief cut according to manufacturer’s specifications to eliminate bed warp. Bed sections are joined with 3/4” diameter steel pins. A neoprene rubber stone cushion and a galvanized steel cover make up the working surface. This durable surface resists the chemicals used in the printing process.



### Bed Leveling Eccentric Bearing

Precision ball bearings are factory set to achieve absolute parallelism between the press bed and drive drum, eliminating uneven printing

pressure and reducing stone breakage.

### Internal Bed Stop

The placement of the internal bed stop minimize dangerous pinch points while securing the press bed to the frame and maximizing the available printing area.



### Locking Press Bed

The press bed is locked into the inking position by the bed latch. Leaning against or bumping the lock bar while

inking will not cause the lock system to release.

### Frame Unit

Steel tubing with a heavy 3/16” wall is bolted and MIG welded for maximum strength. The lower frame unit may be fully disassembled if necessary.

### Finish

Press parts are protected by either nickel plating, anodizing, powder coating or high quality paint.

### Pressure System



The finest quality hand machined parts ensure ease of operation when applying printing pressure. The pressure system consists of 1” diameter hardened steel pins, custom machined connecting rods, piston and pressure cylinder, and permanently lubricated fiberglide bearings. This system will accommodate stones and plate backers ranging in thickness from 1/2” to 4 1/8”.

### Drive Drum

Heavy duty housings and self aligning bearings provides maximum support for the drum. Nickel plating protects the surface of the drum, preventing rusting to minimize maintenance. Welded drum shaft, support baffles, and heavy wall 10 3/4” diameter tubing are machined to precise specifications to perform as a concentric unit.

### Bed Drive System

A double reduction chain and sprocket drive system makes hand cranking effortless. The user is protected from moving parts of the bed drive system by a brushed stainless steel chainguard.

**Motorized drive systems are also available.**



### Freewheeling Crank

A spring loaded clutch pin disengages the crank from the bed drive system allowing it to free wheel while the press bed is manually moved into or out of the

inking position. This feature reduces the likelihood of injury from a spinning crank.

# Floor Model Litho Press Pricing

Floor Model	2648	3460	4072	4484	4896
Bed Size	26" x 48"	34" x 60"	40" x 72"	44" x 84"	48" x 96"
<b>Hand Operated Litho Press</b>	Item#0602648 \$14,957	Item#0603460 \$17,567	Item#0604072 \$21,567	Item#0604484 \$25,662	Item#0604896 \$29,705

Motorized Press Pricing: Page 6

## Floor Model Litho Press Options



### Floor Model Press Locking Swivel Casters

Custom built casters aid the transportation of floor model presses. Each individual caster is rated to carry a load up to 900 lb.

Item #1221 set of 4 \$425



### Custom Press Color

A durable black and metallic silver powder coat finish is standard. Hundreds of colors available.

<http://www.takachpress.com/Custom/Colors.htm>



Item#180010 floor model custom color \$750

## Floor Model Combination Press

### Combination Etching/Litho Press

A combination press comes with both etching and litho heads. You can switch from one to the other quickly and easily by hand or with the added convenience of a transfer and storage table.



### Transfer & Storage Table

Switching between litho and etching pressure heads is facilitated by the transfer table. The first head is rolled off of the press and onto the table, the table is rotated 180° and the second head is rolled onto the press, bolted down and ready to print. This eliminates the need to lift the pressure head. Each head bolts securely onto the table for safe storage. High quality locking casters included.

Item #1020 \$1,375



Floor Model	2648	3460	4072	4484	4896
Bed Size	26" x 48"	34" x 60"	40" x 72"	44" x 84"	48" x 96"
<b>Combination Etching Press &amp; Litho Press</b>	Item#0702648 \$20,202	Item#0703460 \$22,974	Item#0704072 \$27,174	Item#0704484 \$32,256	Item#0704896 \$37,475

# Takach Variable Speed Motorized Presses

Variable speed bed drive systems are designed and produced exclusively by Takach Press Corporation for the experienced printer. These motor driven, variable speed systems are available for etching and litho floor model presses. A motorized bed drive system saves the user time and effort, especially when printing large editions, calendaring paper, and prolonged use.

Motor driven presses include all the quality features of hand operated models. The features listed below replace the bed latch on litho presses, and the hand crank on litho and etching presses.



## Controller

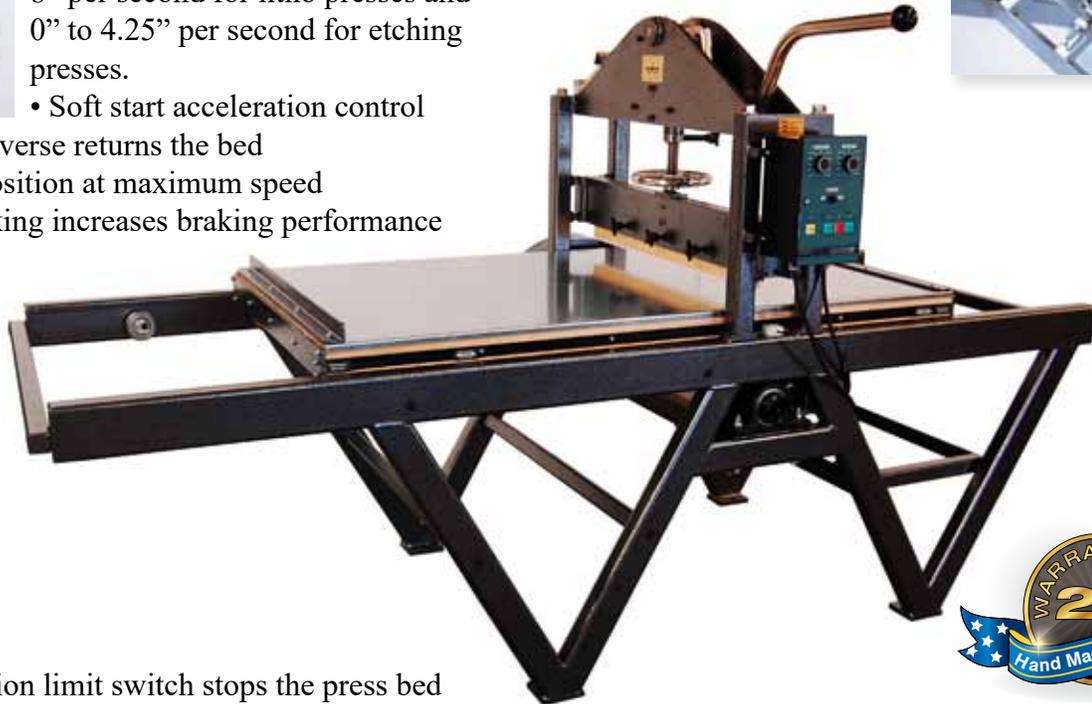
- Constant torque with infinite bed speed control that ranges from 0" to 8" per second for litho presses and 0" to 4.25" per second for etching presses.

- Soft start acceleration control

- High speed reverse returns the bed to the inking position at maximum speed
- Dynamic braking increases braking performance

## Motor

Permanent magnet motor provides maximum performance



## Limit Switch

- The bed position limit switch stops the press bed
- Start and stop points are set by the user and allow complete control of bed travel length
- Far ends of the press bed are factory set to trigger the limit switch and stop the press bed travel

## Other Features

- The press bed may be operated at high speed in either direction.
- Press bed speed may be varied at any point during the printing cycle to maximize performance

## Power Required (Most Models)

- 115 volts at 15 amps
- No costly rewiring is needed
- Common household current powers this system
- May be wired to meet international requirements



## Motorized Etching Press Safety Guard System

(Etching presses only)  
Pinch point safety guards are mounted on

each side of the pressure drum. They move up and down with the pressure drum, remaining a constant distance above the work placed on the press bed. If necessary, the guard will automatically shut down the motor drive, preventing injury. *\*Motorized etching presses not available to universities for undergraduate printmaking courses. \*Not available with rotational blanket system, as it interferes with safety switches.*

Floor Model Vari-Speed Press	2648	3460	4072	4484	4896
Bed Size	26" x 48"	34" x 60"	40" x 72"	44" x 84"	48" x 96"
Motorized Etching Press	Item#0512648 \$18,470	Item#0513460 \$20,612	Item#0514072 \$22,649	Item#0514484 \$25,631	Item#0514896 \$29,600
Motorized Litho Press	Item#0612648 \$20,034	Item#0613460 \$21,767	Item#0614072 \$26,082	Item#0614484 \$30,292	Item#0614896 \$34,535

### Floor Model Press Specifications

Etching or Litho Press		26 x 48	34 x 60	40 x 72	44 x 84	48 x 96
Overall Height	Etching	50 ½"	50 ½"	50 ½"	50 ½"	50 ½"
Overall Height	Litho	57"	57"	57"	57"	57"
Frame Length	Etching	76"	76"	96"	96"	120"
Frame Length	Litho	81 ½"	97 ½"	121 ½"	133 ½"	157 ½"
Overall Width	Both	44 ½"	52 ½"	58 ½"	62 ½"	66 ½"
Frame Width	Both	30"	38"	44"	48"	52"
Frame Height	Both	30 ½"	30 ½"	30 ½"	30 ½"	30 ½"
Bed Length	Both	48"	60"	72"	84"	96"
Bed Width	Both	25 ½"	33 ½"	39 ½"	43 ½"	47 ½"
Bed Height	Both	32"	32"	32"	32"	32"
Drum Length	Both	25 ½"	33 ½"	39 ½"	43 ½"	47 ½"
Drum Diameter	Both	10 ¾"	10 ¾"	10 ¾"	10 ¾"	10 ¾"
Press Weight	Etching	810 lb	1,025 lb	1,430 lb	1,600 lb	1,918 lb
Press Weight	Litho	762 lb	1,013 lb	1,180 lb	1,521 lb	1,910 lb

### Table Top Press Specifications

Etching or Litho Press		18 x 36	24 x 36	24 x 48	30 x 48	30 x 60
Overall Height	Both	19"	19"	19"	19"	19"
Overall Height on Bench	Both	51"	51"	51"	51"	51"
Frame Length	Both	36"	36"	48"	48"	60"
Frame Width	Both	19 ¾"	25 ¾"	25 ¾"	31 ¾"	31 ¾"
Overall Width	Both	32"	42"	42"	48"	48"
Frame Height	Both	5"	5"	5"	5"	5"
Bed Length	Both	36"	36"	48"	48"	60"
Bed Width	Both	18"	24"	24"	30"	30"
Bed Height	Both	5 ¼"	5 ¼"	5 ¼"	5 ¼"	5 ¼"
Drum Length	Both	18"	24"	24"	30"	30"
Lower Drum Diameter	Both	4 ½"	4 ½"	4 ½"	4 ½"	4 ½"
Press Weight	Etching (4 ½" upper drum)	220 lb	270 lb	295 lb	335 lb	370 lb
Press Weight	Etching (7 ½" upper drum)	260 lb	325 lb	330 lb	380 lb	415 lb
Press Weight	Litho	240 lb	345 lb	370 lb	405 lb	435 lb



**Press Lubrication Kit**  
For basic lubrication maintenance of your press. Kit includes: grease gun with 14 oz grease cartridge and 4 oz zoom spout oiler.

Item #121 \$42

#### Lubrication Kit Replacement Supplies

14 oz grease cartridge that fits the grease gun provided in press lubrication kit. (3 oz cartridges discontinued)		
Item #1211	4 oz zoom spout oiler	\$3
Item #1212	14 oz grease cartridge	\$7
Item #1213	grease gun (grease not included)	\$32



Item #1221 set of 4 \$425

**Floor Model Press Locking Swivel Casters**  
Custom built casters aid the transportation of floor model presses. Each individual caster is rated to carry a load up to 900 lb.



Item #1220 set of 4 \$125

**Support Bench Locking Swivel Casters**  
Use to aid in transporting the support bench for table top presses. Each individual 4 ½" tall locking caster is rated to carry a load up to 300 lb.

“During my 24 years of professional printmaking, I have worked on more than 10 brands of etching presses... In terms of performance, reliability, quality engineering, space efficient design, safety features, durability and customer relations, Takach Press Corporation stands alone... Ironically, presses of lesser quality, can cost considerably more.”

– Kathy DeAtley, Owner, DeAtley Editions  
Riverside, California



Takach table top etching presses produce the highest quality fine art prints including:

- Aquatint & Mezzotint
- Collagraph
- Copper & Zinc Plate
- Linoleum Block
- Monotype
- Photopolymer
- Wood Cut

## Takach Table Top Etching Press

Takach table top presses are engineered to meet all the high quality standards of a floor model press in a smaller, compact design and are combo capable.

### Press Bed

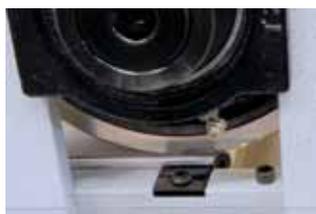
The extremely flat press bed is durable and chemical resistant, made of a 1/2" thick precision ground aluminum plate with a phenolic-resin sheet bonded to the top and bottom.



### Bed Leveling Bearings

Precision ball bearings are factory set to achieve absolute parallelism between the press bed and drive drum, eliminating uneven printing pressure. The

additional polyethylene wear strips ensure minimal bed friction, and ultra smooth bed travel.



### Internal Bed Stop

Designed to minimize dangerous pinch points while securing the press bed to the frame and maximizing the available printing area.



### Pressure System

Micrometer dials are a standard feature used to precisely measure the adjustment of the upper pressure drum. They establish even pressure and allow for repeatability.

### Pressure Drums

Nickel plating protects the surface of the large diameter drums, preventing rusting and eliminating the need for waxing. Choose from 7 1/2" or 4 1/2" diameter upper drum



### Bed Drive System

A double reduction chain and sprocket drive system makes hand cranking effortless even under extreme pressure. The user

is protected from moving parts of the bed drive system by a clear chainguard.

### Finish

A durable powder coated finish protects metal parts from oxidation and is easily cleaned.

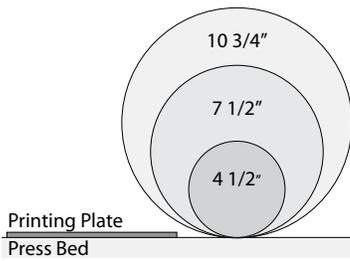
Table Top Model	1836	2436	2448	3048	3060
Bed Size	18" x 36"	24" x 36"	24" x 48"	30" x 48"	30" x 60"
<b>Etching Press</b> 4 1/2" Upper Drum	Item#0001836 \$4,148	Item#0002436 \$5,471	Item#0002448 \$6,006	Item#0003048 \$7,392	Item#0003060 \$7,833
<b>Etching Press</b> 7 1/2" Upper Drum	Item#00018367 \$4,673	Item#00024367 \$6,122	Item#00024487 \$6,573	Item#00030487 \$7,938	Item#00030607 \$8,369

# Table Top Etching Press Options



## Table Top Upper Drum Option

Upgrade the standard 4 1/2" to a 7 1/2" diameter drum. A larger diameter drum increases the contact surface area between the pressure drum and printing plate. The larger 7 1/2" diameter drum climbs onto the printing plate and felts easier than the 4 1/2" diameter drum, allowing the user to print with heavier pressure, using less effort and obtaining better results.



10 3/4" diameter drum available on Takach floor model etching presses. 7 1/2" & 4 1/2" diameter drums available on Takach table top etching presses.



## Captain's Wheel for Table Top Press

An option on new presses. This 20" diameter captain's wheel replaces the standard crank handle.

Item # 19020 NEW \$175



## Synchronized Pressure System

This optional design allows accurate adjustment of printing pressure from a single side of the printing press. This eliminates the need to walk around or reach across the press to adjust printing pressure. The press can be placed against a wall, saving studio space. In place of micrometer pressure dials a torque wrench (included) is used to establish even pressure and repeatability.

*\*Only new press purchases with 7 1/2" drum.*

Item #	Use With Press Model	Price
19118	1836	\$695
19124	2436	\$735
19124	2448	\$735
19130	3048	\$760
19130	3060	\$760



## Rotational Blanket System

This optional feature includes the synchronized pressure system. The rotational blanket system eliminates the need to lift the blankets off the press bed to retrieve your artwork, plate, etc. The blankets are wrapped around a stainless steel hoop mounted above the pressure drum. As the press bed moves, the blankets rotate with the upper pressure drum. Readjustment of blanket tensions is not required when printing pressure is adjusted. The blankets are secured around the upper cylinder with Velcro sewn to blanket ends.

*\*Only new press purchases with 7 1/2" drum.*

## Prices includes

- Synchronized pressure system
- Mounted stainless steel hoop
- One set of three custom length felt blankets (sizing catcher, pusher and cushion)

Item #	Use With Press Model	Price
1921836	1836	\$1,195
1922436	2436	\$1,270
1922448	2448	\$1,320
1923048	3048	\$1,450
1923060	3060	\$1,565



## Table Top Custom Press Color

A durable antique white powder coat finish is standard. Hundreds of colors available.

<http://www.takachpress.com/Custom/Colors.htm>



Item#180015

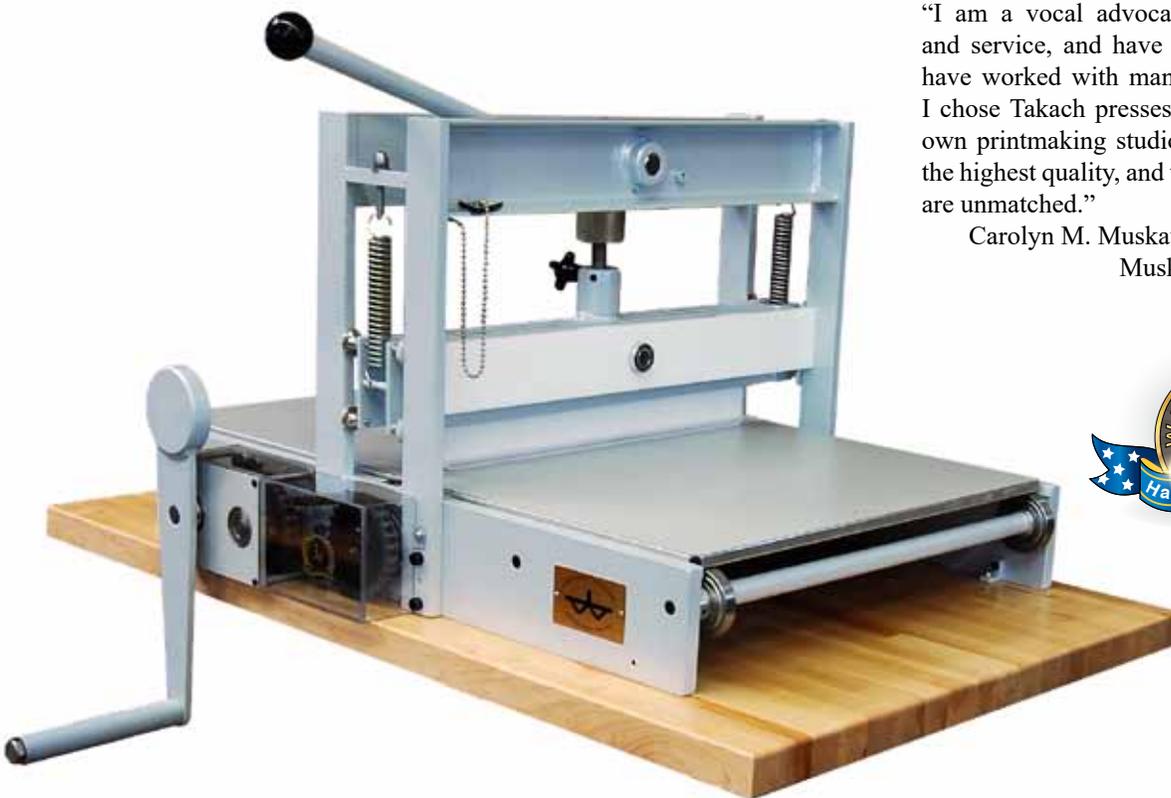


table top custom color

\$495



Takach table top etching press shown with optional:  
 • 7 1/2" Upper Drum • (36" Captain's wheel shown. Now 20")  
 • Synchronized pressure system • Rotational blanket system  
 • Support bench with additional shelf



"I am a vocal advocate for Takach products and service, and have been for many years. I have worked with many types of presses, and I chose Takach presses when I established my own printmaking studio. Their products are of the highest quality, and their service and support are unmatched."

Carolyn M. Muskat, Owner/Master Printer,  
Muskat Studios, Boston, MA



## Takach Table Top Lithography Press

### Press Bed

The extremely flat press bed is durable and chemical resistant made of a 1/2" thick precision ground aluminum plate with a phenolic-resin sheet bonded to the top and bottom. This surface acts as a press bed and a plate backer in one.



### Internal Bed Stop

Designed to minimize dangerous pinch points while securing the press bed to the frame and maximizing the available printing area.



### Locking Press Bed

When the press bed is moved to the inking position the bed latch is manually put into place to secure the bed from moving.



### Bed Drive System

A double reduction chain and sprocket drive system makes hand cranking effortless even under

extreme pressure. Polyethylene wear strips attached to each side frame ensure minimal bed friction. The user is protected from moving parts of the bed drive system by a clear chainguard.



### Pressure System

The table top litho pressure system is engineered with the proven design elements of a full size floor model press. Both utilize 1" diameter hardened steel pins and permanently lubricated fiber glide bearings. The upper pressure head can print plates in the lower position (from 0"-2") or be raised two inches to a higher position to accommodate stones (from 2"-4").



### Scraper Bar Housing

Standard 3/4" scraper bars are easily slid into the housing from the side and secured in place. Print pressure is set and secured with the lock knob.

### Frame Unit

The sturdy lower press frame consists of precisely machined 3/4" x 5" aluminum sides with 1" diameter cross bars joining them. An aluminum frame provides maximum strength, yet reduces the press weight considerably, making it a more mobile unit.

### Finish

A durable powder coated finish protects metal parts from oxidation and is easily cleaned. Custom colors available.

Table Top Model	1836	2436	2448	3048	3060
Bed Size	18" x 36"	24" x 36"	24" x 48"	30" x 48"	30" x 60"
Litho Press (combo capable)	Item#0101836 \$5,198	Item#0102436 \$6,573	Item#0102448 \$6,836	Item#0103048 \$8,264	Item#0103060 \$9,366

# Table Top Combination Press

## Combination Capable

Current table top presses are all combination capable at no additional charge. This means you can purchase either an etching or litho table top press and at a later date purchase the second head, giving you a complete combination press. Call for pricing of second head.

## Full Combination Press

This set includes the full frame and bed of a table top press with interchangeable full size litho and etching heads. Etching heads are available in either a 4 1/2" or 7 1/2" diameter upper pressure drum. Custom colors, press synchronized pressure system and rotational blanket system are all available with this set.



Table Top Model	1836	2436	2448	3048	3060
Bed Size	18" x 36"	24" x 36"	24" x 48"	30" x 48"	30" x 60"
<b>Combination Press</b> 4 1/2" Upper Drum	Item#0201836 \$7,529	Item#0202436 \$7,938	Item#0202448 \$8,264	Item#0203048 \$9,797	Item#0203060 \$11,015
<b>Combination Press</b> 7 1/2" Upper Drum	Item#02018367 \$8,106	Item#02024367 \$8,537	Item#02024487 \$9,083	Item#02030487 \$10,353	Item#02030607 \$11,771

# Table Top Press Support Bench



## Table Top Press Support Bench

This beautiful and durable 1 3/4" maple wood top is attached to a cross-braced steel table frame and can be used as a support table for table top presses or as a work bench for the studio. One lower shelf comes standard. Additional shelves may be added, as well as swivel casters for mobility.

Item #	Fits Press Models	Dimensions	Price
1001	1836, 2436, 2448	30" x 48" x 30"	\$635
1003	3048, 3060	36" x 60" x 30"	\$825

## Additional Shelves

1 or 2 factory installed shelves may be added.

Item #1016	use with table 1001	\$180 each
Item #1017	use with table 1003	\$195 each



## Stainless Steel Tool Tray

This addition holds your favorite tools within arms reach. Factory installed or purchased separately and installed on existing support benches or presses with

common household tools. 22"L x 4"W x 4"D

Item #1025

\$55



## Locking Swivel Casters

Use to aid in transporting the support bench for table top presses. Each individual 4 1/2" tall locking caster is rated to carry a load up to 300 lb.

Item #1220

set of 4

\$125



Takach table top litho press, shown on support bench.



**Etching Blankets:** Very high quality 100% wool felt. *No synthetic polyester or nylon blends.* **Sizing Catcher:** This 1/16" thick felt is available woven or pressed. Pressed is standard. **Pusher Blanket:** This 1/8" thick woven material resists the abrasive action of the upper press drum. **Cushion Blanket:** This 1/4" thick pressed felt creates wonderful embossments. **Set of 3:** 1 sizing catcher, 1 pusher blanket, and 1 cushion blanket. **Set of 4:** Set of 3 plus additional sizing catcher. 2 sizing catchers eliminate downtime if sizing catcher becomes soiled. Blankets may be dry-cleaned. **Special Size Blankets:** Please select next larger size. We will cut the blanket down to your specifications at no additional charge as a complimentary service.

	Sizing Catcher: 1/16"			Pusher: 1/8"		Cushion: 1/4"		Set of 3			Set of 4		
Size	Pressed	Woven		Woven		Pressed		Pressed	Woven		Pressed	Woven	
<b>Table Top Etching Press Felt Blankets</b>													
18" x 36"	1601836	1651836	\$39	1611836	\$46	1621836	\$53	1631836	1661836	\$139	1641836	1671836	\$178
24" x 36"	1602436	1652436	\$52	1612436	\$61	1622436	\$71	1632436	1662436	\$185	1642436	1672436	\$237
24" x 48"	1602448	1652448	\$69	1612448	\$82	1622448	\$95	1632448	1662448	\$247	1642448	1672448	\$316
30" x 48"	1603048	1653048	\$87	1613048	\$103	1623048	\$118	1633048	1663048	\$308	1643048	1673048	\$395
30" x 60"	1603060	1653060	\$109	1613060	\$128	1623060	\$148	1633060	1663060	\$385	1643060	1673060	\$494
<b>Floor Model Etching Press Felt Blankets</b>													
25" x 48"	1602648	1652648	\$72	1612648	\$86	1622648	\$99	1632648	1662648	\$257	1642648	1672648	\$330
33" x 60"	1603460	1653460	\$119	1613460	\$141	1623460	\$163	1633460	1663460	\$424	1643460	1673460	\$543
39" x 72"	1604072	1654072	\$169	1614072	\$199	1624072	\$231	1634072	1664072	\$599	1644072	1674072	\$768
43" x 84"	1604484	1654484	\$218	1614484	\$259	1624484	\$298	1634484	1664484	\$775	1644484	1674484	\$993
47" x 96"	1604896	1654896	\$273	1614896	\$322	1624896	\$372	1634896	1664896	\$967	1644896	1674896	\$1,240

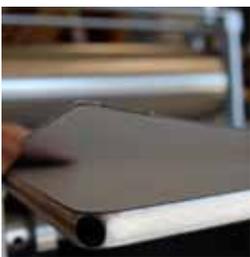


### Registration Grids

This grid is custom printed on paper stock. A center line running the length and width is calibrated every 1/8" for easy and accurate registration. A square grid pattern is also finely printed over the whole sheet. The user can mark their favorite plate and paper sizes. We highly recommend covering registration grids with a protective bed cover.

Table Top Etching Press Registration Grid		
Size	Item #	Price
18" x 36"	151836	\$15.00
24" x 36"	152436	\$17.00
24" x 48"	152448	\$18.50
30" x 48"	153048	\$20.50
30" x 60"	153060	\$22.50

Floor Model Etching Press Registration Grid		
Size	Item #	Price
25.5" x 48"	152648	\$19.00
33.5" x 60"	153460	\$25.00
39 7/16" x 72"	154072	\$28.00
43 7/16" x 84"	154484	\$30.00
47 7/16" x 96"	154896	\$35.00



### Protective Bed Covers

There are two types of material offered in two thicknesses for a bed cover.

**Polycarbonate:** The preferred cover. This material will not crack under pressure like acrylic. However, under heavy pressures polycarbonate will become slightly spongy, causing a minor loss of printing pressure. It is therefore not recommended for use with copper plate photogravure. **Acrylic:** Not as durable as polycarbonate. Recommended for use with heavy pressure applications. *\*Acrylic must ship flat. Oversize charges may apply.*

	.062 Polycarbonate		.093" Polycarbonate		.125 Acrylic*		.250" Acrylic*	
Size	Item #	Price	Item #	Price	Item #	Price	Item #	Price
<b>Table Top Etching Press Protective Bed Covers</b>								
18" x 36"	1111836	\$32	1121836	\$38	1131836	\$38		N/A
24" x 36"	1112436	\$39	1122436	\$45	1132436	\$45		N/A
24" x 48"	1112448	\$47	1122448	\$55	1132448	\$55		N/A
30" x 48"	1113048	\$56	1123048	\$69	1133048	\$69		N/A
30" x 60"	1113060	\$66	1123060	\$85	1133060	\$85		N/A
<b>Floor Model Etching Press Protective Bed Covers</b>								
25 1/2" x 48"	1112648	\$57	1122648	\$66	1132648	\$66	1142648	\$96
33 1/2" x 60"	1113360	\$78	1123460	\$96	1133460	\$96	1143460	\$127
39 1/2" x 72"	1114072	\$99	1124072	\$135	1134072	\$135	1144072	\$159
43 1/2" x 84"	1114484	\$135	1124484	\$180	1134484	\$180	1144484	\$198
47 1/2" x 96"	1114896	\$146	1124896	\$196	1134896	\$196	1144896	\$217



### Scraper Bars

Used in lithographic printing, scraper bars are beveled along one side to create a consistent

printed impression. Straps are installed on both polyethylene and maple scraper bars with a new UHMW plastic that outperforms previous materials. Replacement straps are sold separately. Scraper bars are 3/4" thick and sold individually by the inch or as custom length sets. **Polyethylene** scraper bars are made of a durable material that won't bow or bend even under high pressure. Traditional wooden scraper



bars are made of the same hard rock **maple** as our press beds and provide many years of dependable use.

### Scraper Bar Sets

Select scraper bar lengths that work for your stone and plate sizes. Scraper bars are usually larger than the paper size but smaller than the matrix. Select a variety of length sizes that equal one of the three set length totals listed below. The largest scraper bar produced is 48". (Sets save 10% compared to the per inch price)

Scraper Bar Set	Polyethylene		Maple	
Set Length	Item#	Price	Item#	Price
114"	1310	\$200	1311	\$250
130"	1320	\$228	1312	\$284
170"	1330	\$298	1313	\$371

### Individual Scraper Bars

Length determines Item # for individual scraper bars. For example:

To order a 12" maple bar use Item #1301120

To order a 12 1/2" maple bar use Item #1301125

	Polyethylene		Maple	
per inch	Item#	Price	Item#	Price
	1300	\$1.95	1301	\$2.30

### Scraper Bar Replacement Straps

Each replacement strap is 48" long, cut to length and installed by the user with easy-to-follow instructions.

Item #13848	4' strap (10 strap minimum)	\$4
Item #138100	100' roll <small>NEW</small>	\$85

### Scraper Bar Replane And Restrap

Damaged scraper bars may be sent in to be resurfaced and restrapped to a like-new condition.

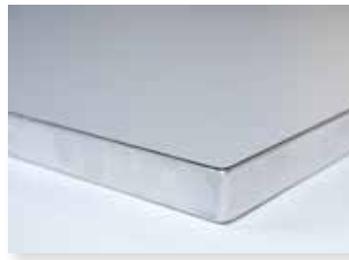
Item #139	any length scraper bar	\$16 each
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### Tympan Grease

This biodegradable grease is suited to work with our scraper bars and tympan.

Item #144	1 lb. can.	\$12
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### Aluminum Plate Backer

Precision ground on both sides, this 1" thick aluminum backer features a durable phenolic resin coated work surface that prevents scratching, is

easily cleaned, and eliminates oxidation. Aluminum plate backers are necessary to protect the litho press bed surface and support the plate.

Custom plate backer sizes available upon request.

Item#	Size	Weight	Price
172636	25 1/2" x 36"	90 lb	\$1,195
173040	30" x 40"	120 lb	\$1,295
173648	36" x 48"	170 lb	\$1,850
173351	33" x 51"	178 lb	\$1,945
173964	39" x 64"	249 lb	\$2,880

### Hand Held Tympan Sheets

Used in lithographic printing, tympan are thin sheets of plastic that protect the paper and newsprint as the scraper bar passes over them. Tympan are available in two materials: a **.062" Polycarbonate** (1/16") and a **.032" G-10** (1/32"). Both are available in four sizes.

Custom sizes up to 48" x 96" are also available.

### G-10 Polycarbonate

Item #	Item #	Size	Price
1411824	1401824	18" x 24"	\$30
1412436	1402436	24" x 36"	\$39
1413248*	1403248	32" x 48"	\$58
1413648*	N/A	35" x 45"	\$64
N/A	1403648	36" x 48"	\$64

\*Must ship flat, oversize package applies



### Automatic Tympan System

Now available with 1/32" clear polycarbonate tympan.

Systems are designed to fit floor model Takach litho presses. Installation requires

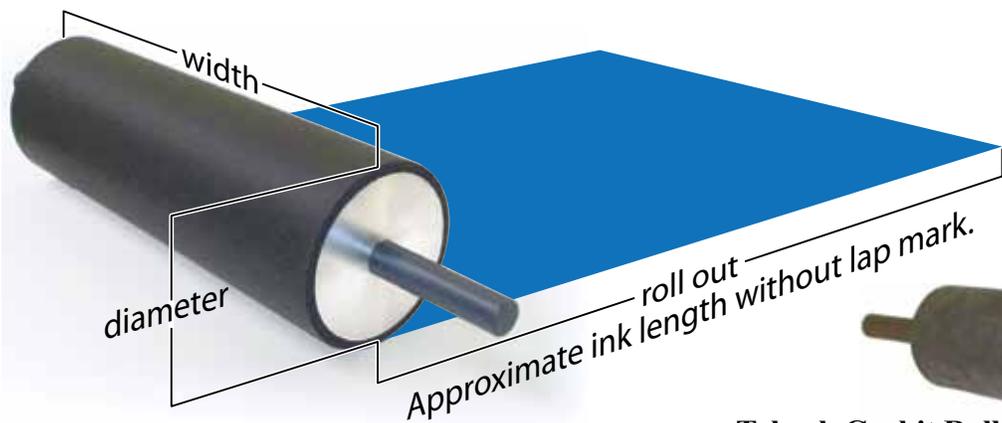
drilling of holes into the press, easily assembled with common hand tools and some mechanical knowledge.

Item #	Press Model	Price
1422648	2648	\$900
1423460	3460	\$1,000
1424072	4072	\$1,100
1424484	4484	\$1,200
1424896	4896	\$1,300

### Replacement Automatic Tympan Sheet

1/32" clear polycarbonate.

Item #	Press Model	Price
142264801	2648	\$100
142346001	3460	\$115
142407201	4072	\$120
142448401	4484	\$125
142489601	4896	\$130



### Takach Hand Inking Rollers

We manufacture the finest lightweight inking rollers available. The rubber used is a combination of natural rubber with a Buna Nitrile blend. This blend of rubber keeps the durometer consistent and gives the rubber a longer life span as well as the highest durability. Medium (35d) and hard (60d) durometer available. A roller cradle is provided for storage. To remove oil-based inks from the roller surface use solvent-based cleaners: Soy Solv II is a less toxic option. Use soap and water for water clean up inks. A rejuvenating application of Varn 120 is recommended. The surface must be wiped completely dry with a clean rag, leaving no solvent residue on the roller.

Width	Med 35d	Hard 60d	Price
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4 3/4" Diameter Roller (15" roll out)			
7 3/4"	3 lb	4000735	4000760 \$291
10 3/4"	5 lb	4001035	4001060 \$342
12 3/4"	6 lb	4001235	4001260 \$383
14 3/4"	7 lb	4001435	4001460 \$437
16 3/4"	8 lb	4001635	4001660 \$502
18 3/4"	9 lb	4001835	4001860 \$560
20 3/4"	10 lb	4002035	4002060 \$604

6 3/4" Diameter Roller (21 1/4" roll out)			
16 3/4"	12 lb	4011635	4011660 \$613
20 3/4"	14 lb	4012035	4012060 \$731

8 1/2" Diameter Roller (26 3/4" roll out)			
20 3/4"	16 lb	4022035	4022060 \$814
24 3/4"	18 lb	4022435	4022460 \$944

10 1/2" Diameter Roller (33" roll out)			
24 3/4"	21 lb	4032435	4032460 \$996
26 3/4"	24 lb	4032635	4032660 \$1056

**Custom Rollers:** up to 24" diameter and 48" face length! We manufacturer all above listed diameters to custom lengths for an additional fee. Call for pricing. Please allow 4 to 8 weeks for delivery.



### Takach Grait Rollers

Manufactured in a similar fashion to our standard rollers, grait rollers have an inner layer of high quality rubber. The outer layer is an elastomeric ink roll covering formulation, which is uniformly impregnated with synthetic fibers. The resulting hand inking roller performs like a leather roller. Unlike leather rollers, grait rollers may be cleaned, allowing any ink color to be used. We recommend cleaning with Varn 120 roller wash. Should your grait roller become matted, a fine bristle brush dampened with roller wash will restore the roller's nap.

#### 4 3/4" Diameter Grait Roller (15" roll out)

Width	Item#	Price
14 3/4"	41014	\$533
16 3/4"	41016	\$578

Special order grait rollers available upon request.



### Leather Rollers

Traditional handmade leather rollers. Featuring a maple wood core, tapered handles and a hand stitched seam. Includes break-in procedure instructions, manufacture's warranty, and serial number. Optional roller conditioning delivers your roller ready to print.

#### 4" Diameter Leather Roller (12 1/2" roll out)

Width	Item#	Price
10"	420410	\$380
12"	420412	\$405
14"	420414	\$437
16"	420416	\$465
18" discontinued	420418	\$550
20" discontinued	420420	\$610
optional roller conditioning	451	\$85



### Leather Roller Scraper

522306	flexible stainless steel	\$9.95
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### Takach Jumbo Brayers

These brayers fill the gap between our small hand brayers and our larger hand-inking rollers. The 12" jumbo brayer has a large diameter and width resulting in an 11" x 12" square of ink without a lap mark. Take it up a notch with the 11" x 14" inking area offered by our 14" XL jumbo brayer. It sports two handles out of the box with the option for just one. Jumbo brayers have the same quality of rubber and the same lightweight aluminum powder coated frame as our other hand brayers.

#### 3 1/2" Diameter Brayer (11" roll out)

Width	Med 35d	Hard 60d	Price
12"	4331235	4331260	\$316
14"	4331435	4331460	\$350

### Takach Hand Brayers

The rubber composition of hand brayers is the same as our top quality hand inking rollers. Self-lubricating bronze bushings are installed in the powder-coated brayer frame to insure smooth operation. **Medium (35d) rubber provides the most versatility for printmaking techniques.** Hard (60d) available for processes requiring a harder rubber surface.

#### 2 1/2" Diameter Brayer (7 3/4" roll out)

Width	Med 35d	Hard 60d	Price
4"	4300435	4300460	\$186
6"	4300635	4300660	\$213
8"	4300835	4300860	\$237
10"	4301035	4301060	\$264

### Takach Hybrid Brayers

Newest in the Takach lineup, the 2" brayer bridges the gap between specialty brayers and hand brayers.

#### 1 3/4" Diameter Brayer (5 1/2" roll out)

Width	Med 35d	Hard 60d	Price
2" <small>NEW</small>	4300235	4300260	\$75

### Takach Specialty Brayers

These are the highest quality narrow sized hand brayers available. Made with the same quality of rubber used on all Takach rollers. Takach specialty brayers are available in medium (35d) and hard (60d) durometer. Features include a high impact resistant handle and a sturdy frame coupled with a self lubricating bearing for extended service. These brayers meet the demands of the professional printmaker and student equally well.

#### 1 3/4" Diameter Brayer (5 1/2" roll out)

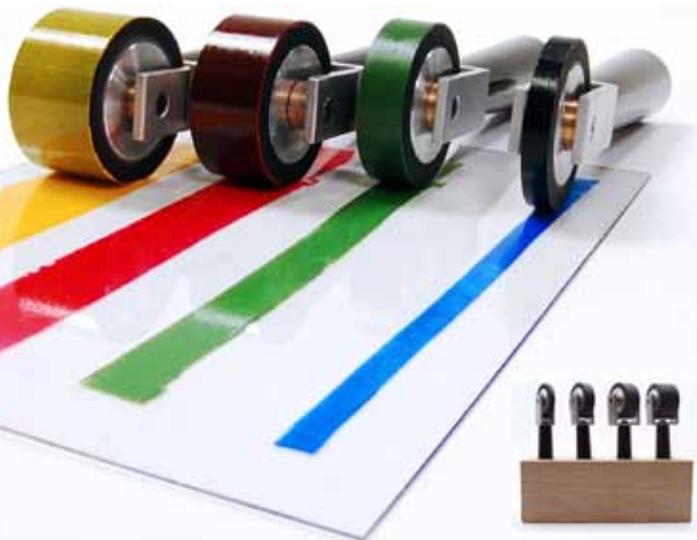
Width	Med 35d	Hard 60d	Price
1"	432835	432860	\$59
3/4"	432635	432660	\$58
1/2"	432435	432460	\$57
1/4"	432235	432260	\$56

#### Specialty Brayers Set

**Save 10%**

Brayer sizes 1, 3/4, 1/2, 1/4 inch with maple storage block.

Width	Med 35d	Hard 60d	Price
all 4 sizes	4320135	4320160	\$206





### Takach Hand Inking Roller Cuffs

Designed without a taper to fit on the handles of Takach hand inking rollers, and grabit rollers.

Item #4400 \$45 per pair



### Leather Roller Cuffs

Designed with a taper to match the handles on leather rollers.

Item #4401 \$45 per pair



### Replacement Roller Handles

Standard handle for Takach hand inking and grabbit rollers: 1 1/4" x 5 1/2" PVC material.

Item #4402 \$60 per pair



### Solid Aluminum Handles For Takach Rollers

1 1/4" x 5 1/2" black powder-coated finish for maximum durability.

Item #4403 \$110 per pair



### Speedball Brayers

Inexpensive soft rubber brayers in the following sizes:

Item #	Width	Model	Price
431150	1 1/2"	4170	\$11.65
431200	2"	4171	\$11.99
431250	2 1/2"	4172	\$13.05
431300	3"	4173	\$13.50
431350	3 1/2"	4174	\$13.95
431400	4"	4126	\$14.75
431600	6"	4129	\$15.60



### Replacement Brayer Handle

For Takach hand brayers and Takach jumbo brayers.

Item #4404 \$15 each



### Replacement Specialty Brayer Handle

For Takach specialty brayers only.

Item #4405 \$15 each



### Punch Registration Systems

Hand built at Takach, these punch registration systems come in two sizes for a variety of image sizes. Each unit consists of .281" diameter punches mounted on a common base and operated by a single lever bar. Centering marks are provided so any size paper or light gauge metal can be punched. Aluminum plates, drawing films, fine art paper, and Smart plates can all be punched with ease. Instructions for different mounting techniques are included.

#### Six Hole Punch Registration System

Includes 6 Registration Pins .281" x .125"

Item # 210 \$595

#### Three Hole Punch Registration System

Includes 3 Registration Pins .281" x .125"

Item # 211 \$295



### Punch Registration Pins

We have two diameters of pins and a range of 3 heights available. Note: Older punches usually have .250" diameter punches. Chart below to scale.

Item#	Size	Quantity	Price
21001	.281" Dia x .070" High	25 pieces	\$49
21002	.281" Dia x .125" High	25 pieces	\$49
21006	.281" Dia x .250" High	25 pieces	\$49
21003	.250" Dia x .070" High	discontinued	
21004	.250" Dia x .125" High	25 pieces	\$49

(.281)

(.250)



### Fine Art Paper Tear Bar

Designed and manufactured by Takach Press. This stainless steel bar's unique design allows effortless tearing of heavy western fine art printmaking paper, as well as Japanese papers.

No Hinge	Size	Price
Item #22324	24"	\$49
Item #22336	36"	\$63
Item #22348	48"	\$75



### Fine Art Paper Tear Bar with Hinge

Hinged version allows permanent installation on your paper tearing table. The hinge is typically mounted on the far edge of the table. Left hinged tear bar pictured.

Left Hinge	Right Hinge	Size	Price
Item #	Item #		
223240	223241	24"	\$98
223360	223361	36"	\$108
223480	223481	48"	\$120



\*Top view



### Drafting Straight Edge & Tear Bar

2" wide x 3/32" thick stainless steel with one beveled edge, one square edge. May be used to tear paper. Not suitable

for checking litho stones (see precision straight edge).

Item #212236	36"	\$55
Item #212248	48"	\$77



### Bone Folder

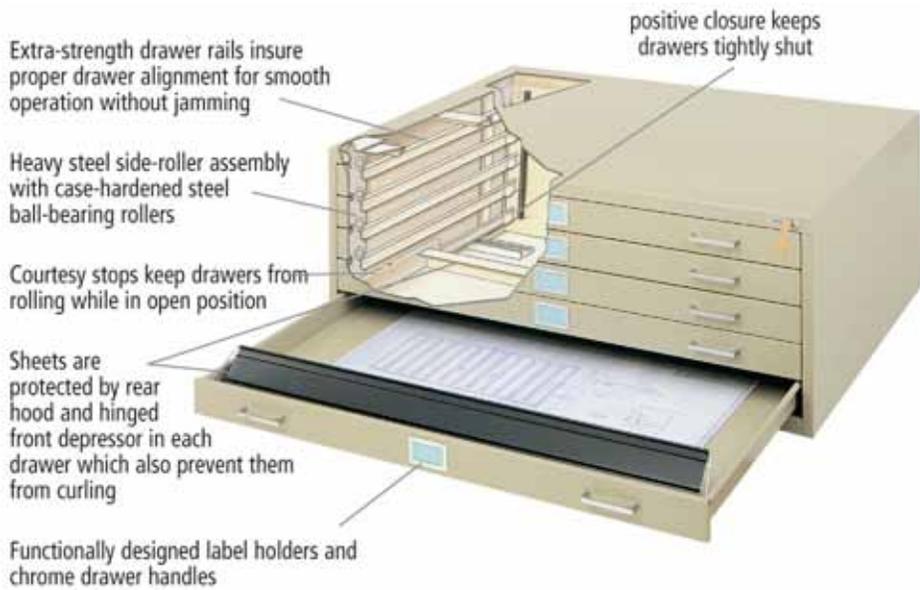
Hand carved genuine bone, used to burnish torn edges and fold paper.

Item #26101	\$10.95
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### Print Storage Bags

Made of clear polypropylene plastic these protective storage bags are archival and acid free museum quality. A reusable adhesive flap keeps prints secure and clean.

Item #	Size	25 Bags	100 Bags
522001	12 7/16" x 16 1/4"	\$14.50	\$45
522002	16 7/16" x 24 1/4"	\$29.50	\$85
522003	22 7/8" x 30 1/2"	\$42.00	\$139
522004	35 1/4" x 46 7/16"	\$99.50	\$350



Museum/archival quality paint finish ensures that there is no out-gassing and that the atmosphere in the files has no acidity or alkalinity (ph) created by the finish

### Flat Files

Safco five drawer archival museum quality flat files come with a 5 year warranty. Units include large capacity 2 1/8" deep drawers in three cabinet sizes. Modular space-saving stackable design with two base styles available. The extra-strength drawer rails with ball-bearing rollers ensure effortless use. A weighted sheet protector in each drawer prevents paper from curling or catching.

### Closed Base:



### Open Base:



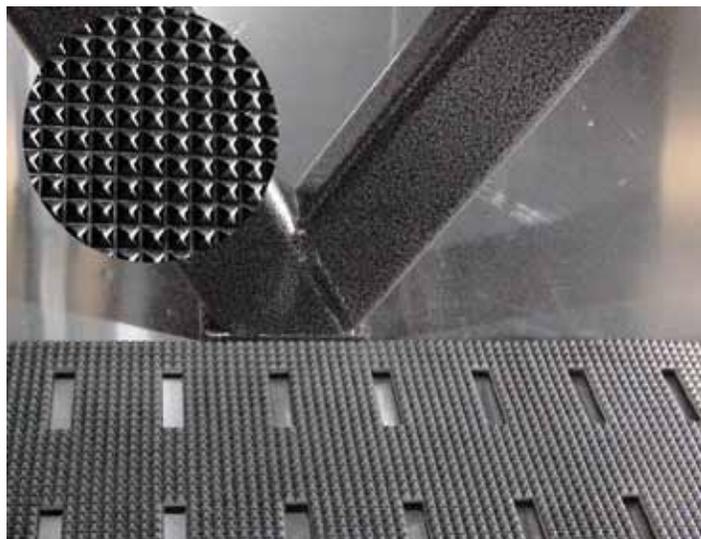
### Lock Kit:



Drawer Size	Flat File	6" Closed Base	20" Open Base
26" x 37"	201001 \$915	201006 \$170	201015 \$355
32" x 43"	201002 \$1,040	201007 \$195	201016 \$375
38" x 50"	201003 \$1,240	201008 \$215	201017 \$390

Last number of Item# corresponds to color. Example: To order a 26" x 37" black 5 drawer flat file use Item #201001 (1) Black

			
(1) Black	(2) Gray	(3) Tropical Sand	(4) White
Item # 201020	Safco flat file lock kit		\$62
Item # 201025	20 adhesive drawer dividers 11" long		\$72



### Art Studio Floor Matting

A quality floor mat suitable for art studio use. A 7/16" thick, black vinyl offers excellent chemical resistance for acids and solvents, cleans up easily and is wear and slip resistant. Place around your printing press and high traffic areas as an anti-fatigue solution. Sections interlock to fit any size space. Made of 100% recycled PVC.

### Floor Matting

Item #	Size	Weight	Price
11501101	Mat 2' x 3'	8 lb	\$47.50
11501102	Mat 2' x 6'	15 lb	\$94.50
11501103	Mat 3' x 4'	15 lb	\$94.50
11501104	Mat 3' x 6'	22 lb	\$141.00
11501105	Mat 3' x 10'	36 lb	\$236.00
11501106	Mat 4' x 6'	29 lb	\$189.00
11501107	Mat 4' x 8'	39 lb	\$252.00
11501201	Roll 2' x 30'	72 lb	\$472.00
11501202	Roll 3' x 30'	108 lb	\$695.00
11501203	Roll 4' x 30'	156 lb	\$945.00

### Custom Length Floor Matting

115013	2' wide	1.2/ sq ft	\$18.88/ft
115014	3' wide	1.2/ sq ft	\$28.32/ft
115015	4' wide	1.2/ sq ft	\$37.96/ft

To determine Item # on custom lengths fill in the last two numbers with number of total feet desired.

Example:

2' wide by 9' matting would be Item #11501309

2' wide by 12' matting would be Item #11501312

**Plate Shears**

All plate shears include precise gauging and hold-downs for cutting accuracy and are built to machine tool standards. Foot squaring shears are easy to use and offer precise shearing, long life and dependability. Safety features include shatterproof transparent finger guards, treadle stops and well guards.

**Cutting Capacity:**

Copper and Zinc	16 Ga. (.062")
Mild Steel	18 Ga. (.045")
Aluminum	14 Ga. (.075")
Polycarbonate Plastic (Monotype Plates)	1/8" (.125")

**Tennsmith Model #52**



Foot squaring shear  
Made in USA

Max Sheer Width: 52 1/2"  
Back Stop Range: 30"  
Front Stop Range: 37"  
Dimensions: 60" x 80"  
Weight: 950 lb

Item #22005 includes front & back stops. \$2,860

**Roper Whitney Pexto Model #152**



This foot squaring shear includes back and front stops. Made in USA

Max Sheer Width: 52"  
Back Stop Range: 25"  
Front Stop Range: 30"  
Dimensions: 60" x 76"  
Weight: 1,000 lb

Item #22004 \$3,490

**Tennsmith Model #36**



Foot squaring shear  
Made in USA.

Max Sheer Width: 37"  
Back Stop Range: 30"  
Front Stop Range: 37"  
Dimensions: 45" x 80"  
Weight: 700 lb

Item #22006 includes front & back stops. \$2,150

**Roper Whitney Pexto Model #125**



This bench shear features top and bottom blades that are interchangeable.

Max Sheer Width: 25"  
Back Stop Range: 12 1/2"  
Front Stop Range: 37"  
Dimensions: 25" x 25"  
Weight: 230 lb

Item #22002 \$1,725

**Kutrimmer Plate Cutters**

These sturdy German manufactured solingen steel blade trimmers cut effortlessly through many common printmaking materials including: **Photopolymer Plate-** Solar and KM; **Litho Plate-** ball grained and photo; **Monotype Plates-** polycarbonate and PETG; **Paper:** up to 30 sheets 20#.

**Table Top Kutrimmer**



Standard Features:

- Safety guard covers blade in every position
- Sturdy all-metal construction
- Precision side guides with lockable back gauge
- Standard paper sizes indicated on table
- Automatic clamping device moves with blade

Floor model units:

- Integrated foot pedal to ensure positive clamping
- Table extension supports large format materials

**Floor Model Kutrimmer**



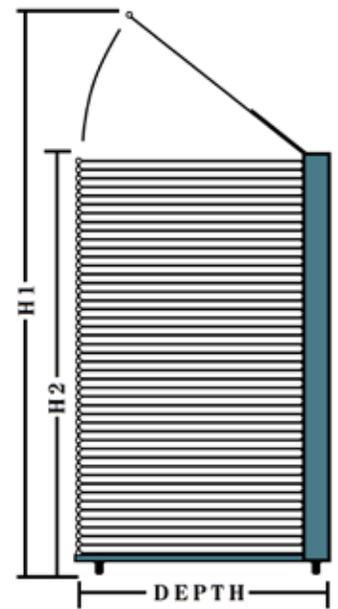
Item #	Cut Length	Model	Table Size	Price
22021	18"	1046	20" x 14"	\$449
22023	22 1/2"	1058	24" x 14"	\$746
22024	28 1/2"	1071	30" x 20"	\$899

Item #	Cut Length	Model	Table Size	Price
22025	31 1/4"	1080	32" x 24"	\$1,664
22026	43 3/4"	1110	44" x 30"	\$2,393



### Mid Range Drying Rack

These sturdy AWT racks are ideal for drying prints, paintings, or other flat substrates. Perfect for commercial shops, educational and institutional use, these models combine both economy and mobility. Featuring lightweight shelves with rubber bumpers that maintain the proper shelf spacing. The all steel-construction provides a super sturdy frame. Casters are included for easy mobility. Ships UPS ground. Made in USA.



Item #	Shelves	Shelf Size	Width	Depth	H1	H2	Model	Price
200201	40	18" x 24"	25.5"	24.5"	53.5"	45.5"	DR-24-40a	\$599
200202	40	20" x 26"	27.25"	24.25"	45"	53.5"	DR-26-40	\$753



### Heavy Duty Drying Rack

These AWT racks are built on a welded steel frame. Steel bumpers are welded to the outside of the shelf for maximum drying room. For smooth up/down operation, the individually adjustable shelf springs give you tension control over each shelf, and all shelves feature a rust- and solvent-resistant, powder-coated finish to extend the life of your rack. To promote quick evaporation, racks come with non-warping shelves spaced at 1" or 2" intervals. Back stops prevent stock slide. Ships Motor Freight. Made in USA.

Item #	Shelves	Shelf Size	Width	Depth	H1	H2	Model	Price
200204	40	26" x 36"	38.5"	32"	64.5"	55"	DR-36-40	\$1,495
200205	50	26" x 36"	38.5"	32"	79"	62.75"	DR-36-50	\$1,680
200206	40	31" x 48"	51.75"	36.5"	70"	52.25"	DR-48-40	\$1,775
200207	50	31" x 48"	51.75"	36.5"	81"	62.75"	DR-48-50	\$2,180
200208	50	37" x 50"	53.5"	43"	83.25"	62.75"	DR-50-50	\$2,555
200209	50	42" x 55"	58.5"	47.75"	88.25"	62.75"	DR-55-50	\$2,745
200210	50	45" x 68"	72.75"	52"	103.5"	62.75"	DR-68-50	\$6,995
200211	50	52" x 80"	84.75"	58.25"	89.25"	62.75"	DR-80-50	\$6,115

### Gran Adell Drying Racks

These sturdy specialty racks are ideal for drying prints, paintings, or other flat substrates. All-steel units offer zinc plated shelf finish to resist rust and solvents. Made in USA.

#### Easy Ship Gran Adell Racks

Item#	Shelves	Shelf Size	D x W x H	Mesh Openings	Model	Price
200101	40	18" x 24"	24" x 25" x 45"	6" x 8"	ES1824	\$510
200102	80	18" x 24"	54" x 25" x 45"	6" x 8"	ES1824D	\$958

#### Heavy Duty Gran Adell Racks

Item#	Shelves	Shelf Size	D x W x H	Mesh Openings	Model	Price
200103	40	22" x 32"	28" x 35.25" x 56.5"	4" x 4.5"	HD2232-40	\$1,147
200104	50	22" x 32"	28" x 35.25" x 68.25"	4" x 4.5"	HD2232-50	\$1,247
200105	40	32" x 48"	37" x 51.75" x 56.5"	4" x 4.5"	HD3248-40	\$1,417
200106	50	32" x 48"	37" x 51.75" x 68.25"	4" x 4.5"	HD3248-50	\$1,582
200107	50	40" x 52"	47" x 55.75" x 68.25"	4" x 4.5"	HD4052	\$1,939
200108	50	43" x 33"	48" x 36.75" x 68.25"	4.5" x 5.5"	HD4333	\$1,657
200109	50	45" x 69"	52" x 72.25" x 68.25"	4.875" x 4.5"	HD4569	\$2,956
200110	50	52" x 69"	59" x 72.25" x 68.25"	6.25" x 4.625"	HD5269	\$3,240
200111	50	52" x 81"	59" x 83.25" x 68.25"	6.25" x 4.625"	HD5281	\$4,275

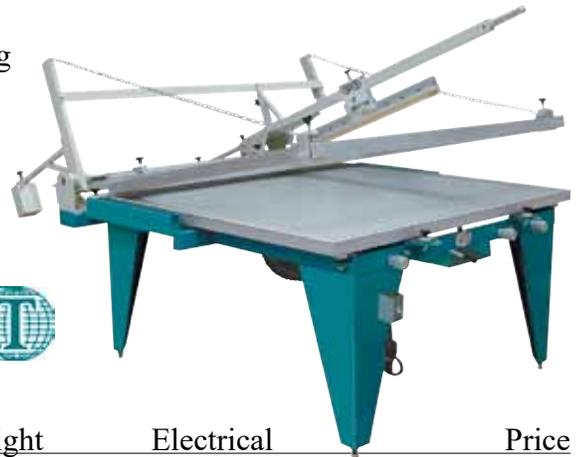


### Seri-Glide™ Serigraph Press

The AWT large scale Seri-Glide One-Man Squeegee Screen Printing Unit is a manual serigraph printing unit with a completely flat, aluminum vacuum hold down table that is warp and rust-resistant. It offers an economical solution for short run, high quality screen printing jobs. Made in USA.

Standard features include:

- Up front micro-registration
- Up front vacuum and blowback control
- Quiet, maintenance-free vacuum motor
- Adjustable counter balance for easy screen lift



Item#	Print Area	Max Frame Size	Table Size	Weight	Electrical	Price
250110	35" x 45"	43" x 51"	58" x 63"	1,200 lb	120V, 1Ph, 60Hz	\$8,390
250111	44" x 64"	67" x 88"	72" x 88"	1,600 lb	120V, 1Ph, 60Hz	\$9,490
250112	52" x 80"	75" x 104"	79" x 104"	1,700 lb	120V, 1Ph, 60Hz	\$11,690

### Accu-Glide™ Serigraph Press

The AWT Accu-Glide One-Man Squeegee Screen Printing Unit is a small format aluminum vacuum table with micro-registration, vacuum system and stand that offers an inexpensive, yet high quality, professional solution to screen print short runs, prototypes and test runs. Made in USA.

Standard features include:

- Rear micro-registration
- Adjustable legs
- Quiet, brushless maintenance-free vacuum motor
- Up front vacuum control
- Heavy-duty screen lift & reversible sidekick.



Item#	Print Area	Max Frame Size	Table Size	Electrical	Weight	Price
250102	15" x 25"	23" x 34"	23" x 35"	120V, 1Ph, 60Hz	250 lb	\$3,220
250103	24" x 30"	32" x 39"	32" x 40"	120V, 1Ph, 60Hz	275 lb	\$3,940
250104	25" x 38"	33" x 47"	33" x 48"	120V, 1Ph, 60Hz	300 lb	\$4,270

## BLACKLINE<sub>mfg</sub>

### KDL Washout Sink

Constructed entirely of 1/4" semitransparent polypropylene with a welded main pan, locking side and back panels, built-in screen supports, and bolt on legs. Easy to backlight. Ships regular UPS ground. 70 lb.



Item #251206 24"D x 32"W x 64"H \$525

Item #251207 KDL Backlight \$180

### Cam Spray Industrial Pressure Washer

2 GPM 1450 PSI hand carry unit •adjustable pressure •multi-reg 0-60° nozzle •high/low for chemical injection •25' hose •36" wand •35' GFCI power cord



Item #252201 Model 1500A (2Hp, 120V, 19A) \$676

Item #252205 wand & nozzle replacement (not handle) \$64

### WDX Washout Sink

Constructed of welded polypropylene and has a ceiling and splash guards to help minimize spray while cleaning. The semitransparent polypropylene back panel is fully backlit for easy viewing. Units have built-in screen supports. Perforated drain prevents tape from clogging the waste system.



Item # Model Max Screen Dimensions Price

251201 WDX 36 32" x 44" 24"D 36"W 74"H \$1,365

251202 WDX 48 42" x 44" 24"D 48"W 74"H \$1,720

251203 WDX 60 54" x 44" 24"D 60"W 74"H \$2,150

251205 WDX 72 66" x 44" 24"D 72"W 74"H \$2,650

### Filter One

Filters out solvents and ink.

#25401 use with WDX sinks \$1,395

### Replacement Filters

#25402 1-20 & 1-75 micron \$18





**Platemaker Exposure Units:** Designed specifically to expose plates, the NuArc 26-1KS W/HD exposure unit gives the best results for exposing all types of photographic plates. The light source and vacuum in one ensures fast, consistent exposures and superior image reproduction on printing plates that require UV exposure with absolute contact. Platinum and palladium printing.

**NuArc 26-1KS W/HD:** 1000W, 120V, 10.3A Overall dimensions are 32”H 30”W 28”D Complete table top exposure unit with 1000 watt metal-halide lamp, light integrator control, molded one-piece blanket, and vacuum system. Includes NuArc LC128 heavy duty vacuum pump. Additional options listed.

Item#	Max Plate Size	NuArc #	Crated Weight	Price
232011	23” x 27” (heavy duty)	26-1KS W/HD	150 lb	\$4,385
232013	floor stand	NSF3		\$340
232020	light shield curtain	NT43		\$541
232016	replacement lamp	NP80		\$173
232014	vacuum blanket insert (improves drawdown)	NJ19		\$35



**Combination Screen / Plate Exposure Units**

The NuArc MSP 3140 utilizes a specially designed deep well blanket that draws down on screen frames or plates. Well suited for shops with dark rooms processing both screen printing and photographic plates.

**NuArc MSP 3140:** 1200 W, 20 A, 120V. Overall dimensions are 40”H 51”W 47”D.

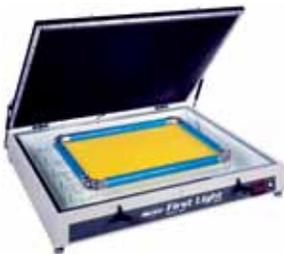
Item#	Exposure Area	NuArc#	Crated Weight	Price
232017	31” x 40”	MSP3140	325 lb	\$5,760
232021	replacement lamp	PD41		\$228



**Direct Screen Exposure Units:** The NuArc First-Light and NuArc Mega-Light units have high output, UV florescent lamps that expose all silkscreen emulsions: direct, capillary & indirect. These affordable direct silkscreen exposure units are enclosed, allowing operation in the darkroom. Weakest UV light source designed for silkscreen use only. Not recommended for Emerald photo litho, or photopolymer plates and films.

**NuArc Mega-Light:** 330W, 230V, 2.4A. Overall dimensions are 8”H 49”W 39”D. Tabletop exposure system with optional floor stand. Uses 11 high output UV florescent lamps. 2 additional lamps allow Mega-Light to double as a light table.

Item#	Max Screen Frame Size	Crated Weight	Price
232031	31” x 40”	273 lb	\$3,468
232032	floor stand (overall 41”H)	NuArc# AOPT-MLIT-STD	\$340
232033	UV replacement lamp (11 required)	NuArc#VE1219	\$10.40 ea
232034	inspection replacement lamp (2 required)	NuArc#VE83	\$5.20 ea



**NuArc First-Light:** 150W, 230V, 1.4A. Overall dimensions are 8”H 42”W 34”D.

Versatile and affordable tabletop unit with 5 high output UV florescent lamps.

Item#	Max Screen Frame Size	Crated Weight	Price
232030	23” x 31”	150 lb	\$2,262
232033	UV replacement lamp (5 required)	NuArc#VE1219	\$10.40 each



**Older NuArc Replacement Bulbs**

Item#	Fits NuArc Model	NuArc Part #	Price
232022	FT40V3UP	HT121	\$221
232023	26-1K Mercury	GW114	\$109
232016	MSP 2125, 32-1KS, 40-1KS	NP80	\$173

**AmerGraph Replacement Bulbs**



Item#	Fits AmerGraph Model	AmerGraph Part #	Price
232310	Advantage 150	10888	\$225
232315	Magnum (283, 323, 453) SE	10266	\$225
232311	V28-VMS	10725	\$225



**Porta-Trace® Light Tables**

Bright White LED modules 120/240VAC 50/60hz

Item #	Description	Price
230020	24" x 36"	\$1,225
230021	36" x 48"	\$1,865

**Porta-Trace® Stainless Steel Frame Light Box**

Item #	Description	Price
230005	24" x 36"	\$545
230006	same model with tilt legs	\$585



**Linen Tester**

8x power magnifier with double lens in a folding metal case with storage pouch.

Item #522120	\$19
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**21 Step Scale**

A quality control scale that helps the user determine and standardize the proper exposure and processing of photo sensitive materials. Used with litho plates, and photopolymer plates.

Item #23301	\$10.45
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**Stabilo Pencil**

A great water soluble drawing material to use on films such as

Artex, Velvet Tone, or matte polyester. **10% off 12+**  
Item #510200 (each) #8046 black \$ 1.50



**Film Opaker Pens**

Light-opaque ink pens great for drawing on films.

Item #3910	broad point	#1102	\$7
Item #3911	fine point	#1100	\$7

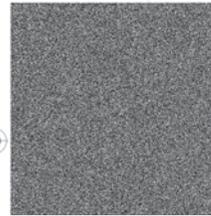


**Zig Opaque Pens**

Preferred light-opaque ink pens great for drawing on films.

3930	[SF] super fine	OP-005	\$7
3932	[F] fine	OP-220	\$7
3936	[BR] rubber brush	OP-55	\$7
3934	[B] broad chisel tip	OP-88	\$7

**Aqua Tint Screen**



This random pattern stochastic tint screen is used when creating photographic work on light sensitive films and plates. Screen is reusable and may be cut to custom sizes. Similar to 300 dot

screen (300 dpi). 70-75% opaque black dot coverage.

Item # 350101012	10" x 12"	\$57
Item # 350101216	12" x 16"	\$64
Item # 350101620	16" x 20"	\$98
Item # 350102024	20" x 24"	\$149
Item # 350103542	35" x 42"	\$302



**Mylar Film**

Clear polyester film or matte polyester drafting film used for general registration purposes and photographic processes.

Item#39010	.003" x 36" x 150 ft roll	clear	\$156
Item#39011	.003" x 42" x 150 ft roll	clear	\$175
Item#39020	.003" x 36" x 150 ft roll	matte	\$189
Item#39021	.003" x 42" x 150 ft roll	matte	\$229
Item#39022	.003" x 48" x 150 ft roll	matte	\$249



**Artex Textured Film**

A transparent plastic film featuring a grained surface with coarse texture ideal for pencils or crayon drawings. Introduce hand drawn elements into photo litho or photopolymer plates.

Item#39039	.006" x 18" x 100 ft roll	\$45
Item#39040	.006" x 36" x 100 ft roll	\$145
Item#39046	.006" x 54" x 100 ft roll	\$195



**Artex Stencil Film**

The same film as the Artex textured film with a peel-off adhesive backing. Great for stencil work or any project needing an adhesive film.

Item#39045	.006" x 42" x 150 ft roll	\$248
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**Velvet Tone Drawing Film**

Polycarbonate film with a fine tooth grained surface for pencil and crayon drawing. For use with photo litho or etching plates.

Item#39041	.007" x 48" x 50 ft roll	\$135
Item#39042	.007" x 48" x 100 ft roll	\$249



**Ulano Rubylith**

A traditional ultra-violet blocking red masking film. Easily cut and remove sections to make stencils.

Item #39071	40" x 300" roll	RU3	\$99
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### Ball Grained Litho Plate

.015" thick aluminum grained to a medium finish.

Takach Press grained its first litho plate in 1987. Since then we have grained plates for customers worldwide.

301121810	12 3/4" x 18"	10 pack	\$69
301121820	12 3/4" x 18"	20 pack	\$128
301121830	12 3/4" x 18"	30 pack	\$187
301121850	12 3/4" x 18"	50 pack	\$305
301182510	18" x 25 1/2"	10 pack	\$140
301182520	18" x 25 1/2"	20 pack	\$257
301182530	18" x 25 1/2"	30 pack	\$374
301182550	18" x 25 1/2"	50 pack	\$607
301253610	25 1/2" x 36"	10 pack	\$259
301253620	25 1/2" x 36"	20 pack	\$491
301253630	25 1/2" x 36"	30 pack	\$723
301365110	36" x 51"	10 pack	\$509
301365120	36" x 51"	20 pack	\$971



### Positive Plate Developer Powder

Used to develop photo litho plates. Mix the 4 oz dry contents with 1 gallon of hot water, shake and let cool before using.

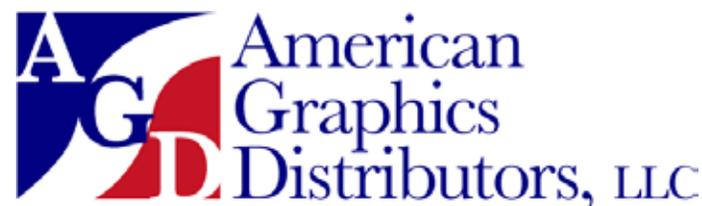
31104	4 oz	\$10
31105	1 gallon jug	\$4.95



### Developer Application Pad

Used to develop photo litho plates. Soft micro fiber pad agitates and removes emulsion without scratching.

31101	\$23.65
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### Eagle Pos1 NEW

This .012" thick positive working photo litho plate claims excellent dot reproduction. 2-98% at 150 LPI or 300 DPI. Use a 21 step scale to achieve a solid 3.

31010010	19 5/16" x 26 1/2"	10 pack	\$85
31010020	19 5/16" x 26 1/2"	20 pack	\$148
31010030	19 5/16" x 26 1/2"	30 pack	\$194
31010050	19 5/16" x 26 1/2"	50 pack	\$280
31010210	25 1/2" x 36"	10 pack	\$142
31010220	25 1/2" x 36"	20 pack	\$257
31010230	25 1/2" x 36"	30 pack	\$372
31010250	25 1/2" x 36"	50 pack	\$602
31010310	31 1/2" x 40 9/16"	10 pack	\$195
31010320	31 1/2" x 40 9/16"	20 pack	\$343
31010330	31 1/2" x 40 9/16"	30 pack	\$447
31010350	31 1/2" x 40 9/16"	50 pack	\$648
31010530	36" x 52"	30 pack	\$660
31010730	42" x 52"	30 pack	\$720

### Eagle Chemistry

3110101	developer concentrate	6-8 gal.	\$99
3110102	developer	gal.	\$20
3110104	finisher	gal.	\$28
3110107	cleaner	liter	\$24
31103	FPC (AGD)	quart	\$26

### Wipes

Soft, strong, absorbent & lint free. 8" x 8"			
522103	cotton wipe elite	100 pcs	\$9

### Positive Plate FPC

Finisher, preserver, cleaner. For use on photo litho plates. Finishes the developing process, preserves the plate, and cleans off ink.

31102	AB Dick	quart	\$26
31103	Eagle	quart	\$26

### Varn True Blue Plate Cleaner NEW

Opens plates. Removes gum streaks, scratches, oxidation & semi-dry ink.

31107	quart	\$26.50
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### Image Addition Pen

Allows for additions to be made directly to aluminum plates. Felt tip will not scratch or affect plate surface.

3914	fine point #2100	\$12.50
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### Image Remover Pen

Allows for deletions to be made directly to aluminum plates. Felt tip will not scratch or affect plate surface.

3920	broad point #2201	\$12.95
3921	fine point #2200	\$8.95

### Kodak 231 Deletion Fluid

A liquid form of image remover. Works on photo litho plate, ball grained litho plate and stones.

3924	250 ml / 8.45 oz	\$65
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**Takach Levigator**  
1" thick. To ensure even wear the 11" is counterweighted. The 8" and 11" include a free spinning handle. The stainless steel handle shaft resists rust. The graining puck is held in the palm of the hand.

2210	4" hand held graining puck	NEW	\$75
2211	8" levigator	NEW	\$315
2212	11" levigator with counterweight		\$365



**Carborundum Grit:** Black silicon carbide  
Used in conjunction with the levigator to grain litho stones. This domestic grade material is very uniform in particle size.

#80 (coarsest) - #320 (finest).

Item#	Grade	1 lb	5 lb	25 lb	50 lb	100 lb
224080	#80	\$6	\$14	\$67	\$134	\$247
224100	#100	\$6	\$14	\$67	\$134	\$247
224150	#150	\$8	\$18	\$91	\$182	\$343
224180	#180	\$8	\$18	\$91	\$182	\$343
224220	#220	\$8	\$18	\$91	\$182	\$343
224320	#320	\$13	\$27	\$137	\$260	\$494



**Grit Dispenser**

Wide mouth squeeze bottle with lid controls distribution of grit.  
207010 16 oz capacity \$2.95



**Precision Straight Edges**

Do not confuse this with a ruler. These are precision made tools used to determine the flatness of litho stones. Many litho stones are broken because a faulty straight edge was used during the graining procedure. Also used to check press beds.

Item#	Length	Height	Width	Accuracy	Price
212024	24"	1.4"	.171"	.001"	\$96
212036	36"	2.4"	.218"	.0015"	\$194
212048	48"	2.4"	.218"	.002"	\$286



**Hydraulic Studio Lift**

Transport heavy items such as litho stones and plate backers around the studio. Adjustable in height from 10 3/4" to 35". Capable of lifting 1,000 pounds. Locking swivel casters.

24021	44 1/4"H x 38 3/4" L x 19 3/4" W	\$475
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**Litho Sponges**

Cellulose sponges are recommended for use with litho plate and stone printing.

10% off 12+



52103	medium pore	each	\$3
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52104	fine pore	each	\$4
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**Litho Fan**

15" maple handle, 7" x 8" leather blade.  
52101 \$45



**Cheesecloth**

522031	36" wide	5 yd min.	\$1/yd
522032	36" wide	70 yd bolt	\$61



**Powder Shakers**

Stainless steel shaker great for dispensing rosin and talc powders.  
5223101 \$3.95



**French Chalk: "Talc"**

Talcum powder used to dust litho images.  
540262 26-1600 1 lb \$7  
540263 26-1601 4 lb \$17



**Powdered Rosin**

An acid resist, protects images on stones.  
540252 (11920) 1 lb \$14.95



**Lithotine**

Solvent for washing out ink and asphaltum for litho and photopolymer plates.

541013	Jell	gallon	\$38
541016	C&W	gallon	\$38



**Tannic Acid Plate Etch: (PH 2.5 - 2.7)**

To make **TAPEM:** Mix: 42 oz Tannic Acid, 76 oz gum, 1 oz phosphoric acid  
541023 gallon \$37.50



**Gum Arabic**

Pure, micro filtered, 14° baume gum arabic. Preserved for a long shelf life.  
3080 Jell gallon \$36  
3083 C&W gallon \$36



**Ancolite Glaze Cleaner**

Deep cleans litho plates  
541040 gallon \$40



**Senefelder's Liquid Asphaltum**

Used as a printing base in lithography.  
540091 Graphic Chem pint \$15.95  
540092 Graphic Chem quart \$22.95  
540093 Graphic Chem gallon \$58.95



### Zinc Plates

Engraver's zinc (.064") 16 gauge:  
This zinc is backstopped with a  
standard matte finish.

Item #	Size	1-9	10+
3300609	6" x 9"	\$16	\$15
3300912	9" x 12"	\$25	\$24
3301218	12" x 18"	\$44	\$43
3301824	18" x 24"	\$83	\$81
3302436	24" x 36"	\$165	\$155



### Linoleum Gray Unmounted

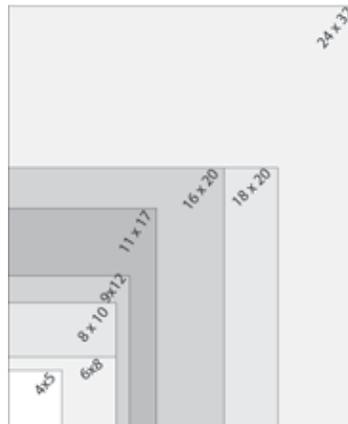
370104061	4" x 6"	#4365	\$1.40
370106081	6" x 8"	#4367	\$2.15
370108101	8" x 10"	#4368	\$3.95
370109121	9" x 12"	#4369	\$4.95
370112181	12" x 18"	#4371	\$9.95
5524132	Speedball lino cutter set 8 pc		\$13.25
55101001	E.C. Lyons lino tool set 6 pc		\$39.00



### Copper Plates

Industrial grade copper  
plate (.043") 18 gauge.  
Not polished or back-  
stopped, but offers a  
savings. Removable PVC  
film protects print surface.

Item #	Size	1-9	10+
3200405	4" x 5"	\$5	\$4
3200609	6" x 9"	\$11	\$10
3200810	8" x 10"	\$16	\$15
3200912	9" x 12"	\$19	\$18
3201218	12" x 18"	\$37	\$35
3201824	18" x 24"	\$73	\$69
3202436	24" x 36"	\$144	\$137
3203648	36" x 48"	\$288	\$273



### Monotype Plates

Dimensions based on  
printmaking paper sizes.

**Polycarbonate:** thin,  
clear & unbreakable  
plastic.

**PETG:** an inexpensive  
polycarbonate alternative.

**Ball Grained Plate:** can  
hold heavy ink layers,  
excellent for flats.

### Polycarbonate .030" (1/32" thick)

3400045	4" x 5"	\$1.98
3400068	6" x 8"	\$4.80
3400810	8" x 10"	\$7.95
3400912	9" x 12"	\$9.75
3401117	11" x 17"	\$13.75
3401620	16" x 20"	\$19.50
3401820	18" x 20"	\$21.25
3402432	24" x 32"	\$37.20

### Polycarbonate .062" (1/16" thick)

3410045	4" x 5"	\$2.20
3410068	6" x 8"	\$5.28
3410810	8" x 10"	\$8.75
3410912	9" x 12"	\$10.00
3411117	11" x 17"	\$14.50
3411620	16" x 20"	\$21.00
3411820	18" x 20"	\$22.85
3412432	24" x 32"	\$39.75

### PETG Plates .030" (1/32" thick)

3450045	4" x 5"	\$ .95
3450068	6" x 8"	\$1.80
3450810	8" x 10"	\$2.50
3450912	9" x 12"	\$3.10
3451117	11" x 17"	\$4.30
3451620	16" x 20"	\$5.90
3451820	18" x 20"	\$6.50
3452432	24" x 32"	\$11.30

### Ball Grained Aluminum Monotype Plate

3440609	6" x 9"	\$4
3440912	9" x 12"	\$6
3441218	12" x 18"	\$9
3441824	18" x 24"	\$13
3442436	24" x 36"	\$24



### Whiting

Used to de-grease and polish intaglio  
plates. Absorbs excess ink when hand  
wiping plates. Add to stiffen etching inks.

3224001	1 lb	\$ 4.95
3224002	5 lb	\$ 14.95



### Putz Pomade

Used to polish intaglio plates. Removes  
small blemishes and ensures good adhesion  
of grounds. Deep clean after printing.

3224004	15 1/4 oz	\$ 18.95
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### Plate Deburring Tool

Quickly removes sharp edges from copper, zinc, steel,  
aluminum and plastic plates. Reusable.

2220		\$6.75 ea.
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### Hand Rocked Mezzotint Plates

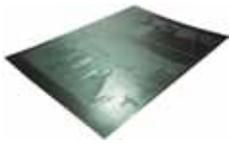
Meticulously hand rocked plates  
provide a very desirable surface,  
saving you many hours of work.  
Please allow 1 - 4 weeks to process.

**Small Plate:** up to 12" x 12" \$1.75 per square inch\*

**Large Plate:** over 12" x 12" \$2.25 per square inch\*

Small Plate	Large Plate	Finish	#Lines
321045	321245	coarse	45 per inch
321065	321265	medium	65 per inch
321085	321285	fine	85 per inch

\* Pricing does not include copper plate



### KM Photopolymer Plates

Steel-backed photopolymer plates  
Develop in water. Peel off UV  
protective sheet.

#### KM 43 (.017")

Exceptional detail and clarity. Capture elusive light  
and midtone grays of photo intaglio. Expose to a solid  
14-15 with a 21 step scale. Requires exposure unit.

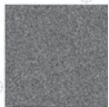
Item#	Size	1-9	10-19	20 +
35020508	5 3/4" x 8 1/4"	\$7	\$6	\$5
35020811	8 1/4" x 11 1/2"	\$11	\$10	\$9
35021116	11 1/2" x 16 1/2"	\$22	\$20	\$18
35021623	16 1/2" x 23 3/8"	\$45	\$41	\$36
35022333	23 3/8" x 33"	\$90	\$68	\$63

#### KM 83 (.033")

Similar to Solar Plate, recommended for relief.

Item#	Size	1-9	10-19	20+
35040508	5" x 8"	\$11	\$8	\$7
35040811	8" x 10"	\$17	\$16	\$14
35041116	11 1/2" x 16 1/2"	\$34	\$32	\$28
35041623	16 1/2" x 23 3/8"	\$68	\$64	\$58
35042333	23 3/8" x 33"	\$136	\$104	\$100

#### Aqua Tint Screen



Random pattern stochastic tint screen,  
necessary for photo intaglio work on light  
sensitive films and plates. Similar to 300  
dot screen. 70-75% opaque black dot coverage.

350101012	10" x 12"	\$57
350101216	12" x 16"	\$64
350101620	16" x 20"	\$98
350102024	20" x 24"	\$149
350103542	35" x 42"	\$302



#### 21 Step Scale

Helps determine the exposure of  
photopolymer plates.

23301	\$ 10.45
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#### Hand Shear

High Leverage capable of cutting  
photopolymer plates into custom shapes.  
Also trims aluminum plate corners.

22030	\$21
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#### Photopolymer Plate Cutter

pg19



#### Magnetic Registration Support

Grid printed on magnetic sheet aides in  
registering steel-backed photopolymer  
plates on press bed. Blank magnets great  
for developing, inking, & wiping.

350301724	printed grid magnet	17" x 24"	\$35.00
350302436	printed grid magnet	24" x 36"	\$54.00
350321217	blank magnet	12" x 17"	\$6.95
350321724	blank magnet	17" x 24"	\$9.95



### ImagOn™ HD Photopolymer Film

Laminate plate and mix developer a day  
before exposing. Film is heat sensitive, and  
can not be shipped in weather above 75°

390610	12" x 15'	15 sq ft roll	\$45
390611	24" x 15'	30 sq ft roll	\$90
390612	24" x 25'	50 sq ft roll	\$150



### Puretch Photopolymer Etching Resist

The thinnest dry film (.6 mil)  
photoresist available which  
yields the highest resolution  
etchable resist. Ideal for

photo etching high resolution halftones and hand  
drawn transparencies. Puretch is a negative working  
film which means it is exposed with a positive. If an  
aquatint is required it can be applied traditionally over  
top of the developed film or with a separate exposure  
to an aquatint screen. Puretch laminates with distilled  
water and squeegee. Expose film with a UV point light  
for best results. The exposed film is developed in a  
1% soda ash solution. Etch copper plates with ferric  
chloride. Strip film from the etched plate with an alkali  
such as TSP. The plate can be reworked with any  
traditional process. Detailed instructions included.

390802	24" x 10'	20 sq ft roll	\$49
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#### Soda Ash

Sodium carbonate for developing Puretch  
& ImagOn™ photopolymer films.

352001	1 lb	\$ 2.50
352002	5 lb	\$10.50



#### Smart Plate

Polyester plates are imaged on a laser  
printer or can be hand drawn with toner,  
permanent markers, or ball point pen. Wet sponge and  
roll up with oil based ink, similar to aluminum plate  
lithography.

36005	9" x 12"	10 pack	\$14.50
36004	9" x 12"	100 pack	\$79.00
36007	8 5/8" x 15"	10 pack	\$16.00
36006	8 5/8" x 15"	100 pack	\$89.00
36002	12 3/8" x 19 3/8"	10 pack	\$28.50
36001	12 3/8" x 19 3/8"	100 pack	\$199.00
36009	24" x 36"	10 pack	\$85.00



#### Smart Plate Chemistry

Etch plate with 392, apply plate prep 394,  
wipe with fountain solution 390, go to press.

36101	SP fountain solution 390	1/2 gal	\$65
36102	SP plate etch 392	Pint	\$25
36103	SP laser plate prep 394	Pint	\$25



**Trays for Etching Plate and Soaking Paper**

High density polyethylene trays used for normal concentrations of acids. Great paper soaking tray. Great developing tray for photo litho and photopolymer plates.

	Overall			Fits Print	
	L	x W	x H	or Plates	
32216	8 <sup>7</sup> / <sub>8</sub>	x 6 <sup>7</sup> / <sub>8</sub>	x 1 <sup>1</sup> / <sub>2</sub> "	5 x 7"	\$9
32217	13 <sup>7</sup> / <sub>8</sub>	x 11 <sup>3</sup> / <sub>8</sub>	x 2 <sup>1</sup> / <sub>4</sub> "	8 x 10"	\$14
32218	15 <sup>5</sup> / <sub>8</sub>	x 13 <sup>5</sup> / <sub>8</sub>	x 2 <sup>1</sup> / <sub>2</sub> "	10 x 12"	\$20
32221	17 <sup>7</sup> / <sub>8</sub>	x 14 <sup>5</sup> / <sub>8</sub>	x 2 <sup>3</sup> / <sub>4</sub> "	11 x 14"	\$21
32219	20 <sup>7</sup> / <sub>8</sub>	x 17 <sup>3</sup> / <sub>4</sub>	x 3 <sup>1</sup> / <sub>8</sub> "	14 x 17"	\$31
32222	24	x 20	x 3 <sup>1</sup> / <sub>8</sub> "	16 x 20"	\$41
32220	26 <sup>1</sup> / <sub>4</sub>	x 22 <sup>1</sup> / <sub>4</sub>	x 3 <sup>1</sup> / <sub>8</sub> "	18 x 22"	\$60
32223	28	x 24	x 3 <sup>1</sup> / <sub>4</sub> "	20 x 24"	\$62
32224	32 <sup>7</sup> / <sub>8</sub>	x 27 <sup>3</sup> / <sub>4</sub>	x 4 <sup>1</sup> / <sub>4</sub> "	23 x 28"	\$91
*32225	47 <sup>1</sup> / <sub>4</sub>	x 37 <sup>1</sup> / <sub>4</sub>	x 4 <sup>1</sup> / <sub>4</sub> "	32 x 42"	\$149

\* Ships oversized FED EX

**Graphic Chemical Etching Grounds**

**Universal Etching Ground**  
Relatively transparent, liquid ground.

Thinned and removed with naphtha.			
3224010	hard ground	pint	\$13
3224011	hard ground	quart	\$20
3224020	soft ground	pint	\$13
3224021	soft ground	quart	\$20

<b>Stopout Varnish</b>			
3224030		pint	\$15
3224031		quart	\$24

<b>Ball Ground</b>			
3224040	hard opaque	ea.	\$3
3224042	hard transparent	ea.	\$3
3224041	soft opaque	ea.	\$3
3224043	soft transparent	ea.	\$3
3224044	extra soft opaque	2 oz	\$5
3224045	extra soft opaque	4 oz	\$9

**Ferric Chloride Vertical Etching Tank:** Z\*Acryl 1/4" thick polyethylene structure with a form fitting lid that minimizes evaporation. Holds 4 gallons of ferric chloride and will etch two full 18" x 24" plates. Uses 80% less studio space than a traditional bath-style tray. 8 1/2"W x 24 1/2"L x 22"H

32211	tank for 18" x 24" plates	\$198
32230	hand held siphon pump	\$22



**Ferric Chloride**  
42° baume premixed, copper etching solution used in vertical etching tanks. Safer alternative to traditional etchants. (Ground ship UPS HAZ MAT \$30)

32201	gallon	\$32
32202	2 gallons	\$64
32204	4 gallon case	\$120



**Powdered Rosin**  
Dusted and heat fused onto metal plates to create aquatints. Removed with denatured alcohol.

540252	1 lb	\$14.95
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**BIG Etching Ground (soft and hard)**  
**Baldwin Intaglio Ground**, an ink based less toxic ground. Uses: soft ground, hard ground, sandpaper aquatint, powdered sugar aquatint, coffee lifts. Can be modified with lavender oil for washes and as a paintable stopout. Washes off plate with detergent and hot water or mild solvents. Plate must be thoroughly degreased before application.

3226012	<b>NEW</b> Red	75ml	\$19.95
3226022	Black	75ml	\$19.95

<b>Western Graphics Litho Stones</b>						
#	L	W	H	Laminated	color	Price
<b>Notes: Visual assessment of notable features, completed by Brandon Gunn.</b>						
101	16.25"	22"	4"		Yellow / hard yellow	\$715.00
Notes: Quartz lines, chip in corner (2" x 3.25"). Multiple 1" chips along edge.						
128	24.125"	32.25"	3.5"	2.5" stone, 1" slate	Hard yellow / light grey	\$1524.94
Notes: Visually variegated surface pattern, some quartz lines.						
110	24.75"	33.75"	3.375"	Stone (2") on stone (1.375")	Hard yellow / light grey	\$1973.43
Notes: Quartz lines and some iron deposits (non-printing). Chip (3.5" x 4") in corner.						
127	25.75"	34"	2"		Yellow	\$875.50
Notes: Some quartz lines						
108	25.75"	36.375"	3.5"		Hard yellow	\$1966.98
Notes: Crack that extends in from edge 3". Quartz lines, non-printing speckling. 1.5" x 2.5" toenail in corner						
126	26"	34.125"	3.125"	2.125" stone, 1" slate	Blue grey	\$2439.94
Notes: Quartz line						
125	26"	36"	3.375"	2.375" stone, 1" slate	Hard yellow / light grey	\$1769.04
Notes: Quartz lines						
124	26"	38.125"	2.75"		Hard yellow / light grey	\$1908.16
Notes: Some non-printing speckling, quartz lines. Possible fossils developing. Epoxy filled chip (4.5" x 5.5") in corner.						
123	26.25"	38.25"	3.375"	2.375" stone, 1" slate	Yellow	\$1355.48
Notes: Quartz lines and some light speckling (non-printing). Some fossils 5" x 12" in from corner.						
122	26.25"	38.375"	3.25"	2.25" stone (on stone), 1" slate	Hard yellow	\$1571.46
Notes: Quartz lines and iron deposits. Fossil (2" x 2.5") 5" x 7" in from edge and (.5" x .5") 2.5" x 3.5" in from edge						
119	27"	36.5"	3.5"	Stone (1.75") on stone (1.75")	Hard yellow	\$2069.55
Notes: Iron deposits, quartz lines.						
116	27.5"	39.25"	2.75"	1.75" stone, 1" slate	Yellow	\$1187.31
Notes: Quartz lines.						
104	27.75"	36.25"	3.5"		Hard yellow / light grey	\$2464.55
Notes: Clean, some quartz lines. Fossil (1 x .5) 4" x 9" in from sides. Small spot fossil 7" x 15" in from sides.						
118	27.75"	36.5"	3.25"		Hard yellow	\$1975.11
Notes: Epoxy filled chips along edge (3.5" x 3.5") and (2" x 5.5")						
120	28"	36.25"	3"	Stone (1") on stone (2")	Yellow	\$1522.50
Notes: Quartz lines. Chips (1" x 1") on edge.						
103	28"	38.25"	3"		Yellow	\$1606.50
Notes: Some iron, quartz lines traverse surface, chip in corner (1" x 3.5"), minor fossils on chip side						
117	28.625"	36.25"	3.5"	Stone (1.25") on stone (2.25")	Yellow	\$1815.90
Notes: Fossils (3" in, alone). Broken corner 6" x 6.5". Some small chips along edge.						
115	32"	42"	3.75"	2.75" stone, 1" slate	Hard yellow	\$2419.20
Notes: Quartz lines.						
111	32.25"	42"	3.175"	2.175" stone, 1" slate	Hard yellow	\$2064.26
Notes: Quartz lines, iron deposits. Epoxy filled chip on edge (1" x 1").						
112	32.25"	42"	4.25"	3.125" stone, 1" slate	Light grey	\$3684.24
Notes: Fossil (2" x 2") 6" x 15" in from edge. Non-printing speckles and quart lines. 3" crack extends in diagonally from corner.						
121	32.25"	42.25"	3.5"	2.5" stone, 1" slate	Hard yellow / light grey	\$2670.62
Notes: Quartz lines, small fossils (.25" x 1") 8" x 11" in from edge. Non-printing speckles. 1" chips along edge.						
113	32.25"	42.5"	3"	2" stone, 1" slate	Grey	\$2960.55
Notes: Quartz lines. Speckling, possibly fossils.						
114	32.25"	42.5"	3"	2" stone, 1" slate	Yellow	\$1644.75
Notes: Quartz lines. Stone is broken; best usable size is 14" x 32.25" and 23" x 32.25"						

# Edward C. Lyons Engraving Tools



**Intaglio 'Set A' Roulette**  
55101401 4 pc

Scraper/Burnisher  
Roulette #9 dot 85  
Twisted Scribe  
Burin Square #5

L334-1 \$55



**Plate Maker Tool Set**  
55101301 6 pc

Flat Graver Lg.  
Round Gouge Lg.  
Round Gouge sm.  
Flat Graver sm.  
Lozenge Graver  
Point Graver

L334 \$54



**Wood Carving Tool Set**  
55101101 5 pc with slip stone

Large Gouge  
Medium Gouge  
V-Shape  
Knife  
Bent Chisel

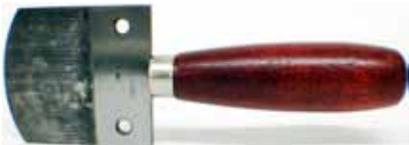
L333-50 \$39



**Linoleum Tool Set**  
55101001 6 pc

U-Shape  
Lino Knife  
V-Shape  
Small Gouge  
Medium Gouge  
Large Gouge

L331-0 \$39



**Mezzotint Rocker**

55101703 1" 85 line L335-1 \$46

55101706 2 1/2" 85 line L335-2.5 \$109

**Weight Set for 2 1/2" Rocker**

55101707 L335-w3 \$29



**Half-tone Rake: Two ended**

55104002 85&100 line L300-02 \$25

55104001 65&85 line L330-02 \$25



**Draw Tool / Copper Cutter**

55100901 L330-0 \$18



**Angle Tint**

55100102 #2 L300-A02 \$17

55100105 #5 L300-A05 \$17



**Elliptic Tint**

55100201 #1 L300-E01 \$17

55100203 #3 L300-E03 \$17



**Burin Square**

55100604 #4 L325-04 \$8

55100608 #8 L325-08 \$8



**Burin Lozenge**

55100702 #2 L325-22 \$8

55100706 #6 L325-26 \$8



**Roulette**

55103003 #9 dot 85 L336-9D-85 \$27

55103001 #9 dot 45 L336-9D-45 \$27

**Roulette Irregular Egg Shape**

55103010 L338 \$46

**Roulette Single Row**

55103015 85 line L336-91R85 \$28



**Scraper**

55100301 solid 3" L321-01 \$9

55100303 small L321-01S \$9

55100304 hollow 3" L321-02 \$9



**Scraper & Burnisher Curved**

55100306 L321-03 \$19



**Curved Burnisher**

55100407 3" L323-02 \$9

55100412 small L323-02S \$9

55100410 slim 2" L323-023 \$9



**Burnisher & Point Curved**

55100414 L323-05 \$10



**Burnisher Ball Medium**

55100417 L323-08 \$7



**Twisted Double Point Scribe**

55100503 L324-04 \$7



**Diamond Point Needle**

55100504 L324-05 \$18



**Steel Etching Needle**

55100501 #1 L324-01 \$8



**Litho Round Needle**

55100803 #3 L326-03 \$7

55100805 #5 L326-05 \$7



Size W x D Inches	Watts	Amp	Volt		Item#	Price
6 x 12	1000	15	110	*	231001	\$719
			220		231003	
8 x 14	1500	15	110	*	231005	\$799
			220		231006	
12 x 12	1500	15	110	*	231007	\$864
			220		231009	
12 x 18	1500	15	110	*	231010	\$939
	1900		220		231011	
12 x 24	1500	15	110	*	231022	\$1115
	2000		220		231025	
18 x 18	1500	15	110	*	231062	\$1188
	1900		220		231065	
18 x 24	1500	15	110	*	231070	\$1312
	2500		220		231071	
24 x 36	1500	15	110	*	231080	\$1599
	4000	20	220		231083	
27½ x 36	1500	15	110	*	231084	\$1929
	4000	20	220		231087	
36 x 36	4000	20	220		231093	\$2746
	6000	30			231094	

\*Standard household wiring  
(North American standard power plug)

### Professional Hot Plates

Designed for the professional and student shop. Our hot plates feature a ½" thick aluminum top plate working surface, stainless steel heating elements, stainless steel base and control box, and extremely high temperature insulation. Made in USA.

**ETL Listed:** Proof of product compliance to North American safety standards.



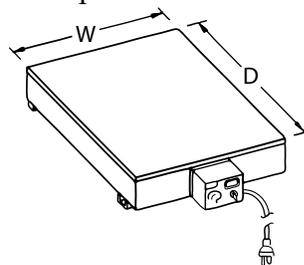
#### Controls:

- On/Off switch
- Power on pilot light
- Heat on pilot light
- Thermostat controlled temperature up to 550° F

**Wiring:** Standard 110V and 220V power are available. 6ft cord and plug. Hot plates may also be wired to meet international requirements.

**Warranty:** Manufacturer's one year warranty.

**Custom:** Sizes up to 36 x 36" available. Optional work surfaces include ½" stainless steel, ¾" aluminum. Max temperature of 750° available.





**Korn's Lithographic Pencils**

Water soluble, paper covered crayon. Marks can withstand a relatively strong etch. Copal is extremely hard for fine work requiring a very sharp point.

*\*Paper cover no longer available. A crayon holder is now required.* 🛒 20% off 12+

Hardness	\$4 each
#1 soft	5100101
#2 medium	5100102
#3 hard	5100103
#4 extra hard	5100104
#5 copal extremely hard	5100105



**Korn's Litho Crayons**

Hardness	\$9 dozen
#00 extremely soft	5100200
#0 extra soft	5100206
#1 soft	5100201
#2 medium	5100202
#3 hard	5100203
#4 extra hard	5100204
#5 copal extremely hard	5100205

**Stones 1/2" Diameter Crayons**

Stones 1/2" crayons are the same material as the 1/4" crayons but are designed for a more aggressive hand. They will stand up to a forceful application and bold, expressive lines. 🛒 10% off 12+

Hardness	\$3 each
#1 soft	5110101
#2	5110102
#3	5110103
#4	5110104
#5 hard	5110105



**Stones 1/4" Diameter Crayons**

Water insoluble. Sharpen easily and perform beautifully for general work to the most delicate drafting. They are designed to be used with a holder.

Hardness	<u>15% off 12+</u>	\$3 each
#1 soft		5110001
#2		5110002
#3		5110003
#4		5110004
#5		5110005
#6		5110006
#7 very hard		5110007



**1/4" Crayon Holders**

5110030	plastic handle gray	\$4
5110032	plastic handle black <b>NEW</b>	\$4
5110031	wooden handle	\$12

**Stones Tablet Crayon**

Perfect for broad tonal areas, textures, and rubbings.

Size 1 3/4" x 2" x 1/4" 🛒 10% off 12+

Hardness	\$3 each
#1 soft	5110201
#2	5110202
#3	5110203
#4	5110204
#5 hard	5110205



**Stones Rubbing Crayon**

This type of crayon has been wrongly named "rubbing ink." It is specially formulated to smear, smudge and provide soft, smoky tones. Stones. Diameter 1 3/4"

Hardness	<u>10% off 12+</u>	\$4 each
#1 soft		5110301
#2		5110302
#3 hard		5110303



**Stones Crayons Combination Packages**

Includes: three 1/4" crayons (#1, #3, #5) a crayon holder, a deletion hone, a crayon sharpener and an additional chosen crayon.

Pack	Additional Crayon	
5110501	#1 tablet (#3)	\$13
5110502	#2 rubbing (#2)	\$13
5110503	#3 tablet + rubbing	\$14



### Trilobite Paste Tusche

Based on a formula from Alois Senefelder Trilobite Workshop Paste Tusche is a traditional lithographic drawing material designed to provide optimum reticulation in a broad range of applications on both stones and aluminum plates. Water is added to the can and the tusche is dissolved to the desired value, then poured into another container to prevent it from getting darker. It is applied with a brush in much the same way you would use watercolor; lay it down and leave it alone. It can be layered allowing multiple layers to show through and responds well to etches. Etch as you would a crayon drawing.

Mix with water or solvent but not both.

5160603 (4 oz) 118 ml \$50



### Liquid Tusche

Stones liquid tusche is smooth, rich and simple to use. Ideal for application in both lithography and silkscreen. It may be applied with a brush, pen, spattered, airbrushed, or any other way that can be imagined. Produces rich, dark lines and solids for half the price of other liquid tusche. Liquid tusche does not reticulate as well as paste tusche.

5110701 2 oz \$11

5110702 4 oz \$18

5110703 8 oz \$30



### Liquid Tusche

Korn's liquid tusche used for stipple and pen work and filling in solids. It flows freely, resists strong etches, and produces a rich black and stores well.

5100301 2 oz \$32

5100302 4 oz \$52

5100303 8 oz \$71



### Autograph Ink

Korn's lithographic drawing material similar to liquid tusche. Very greasy material used for pen drawings on stones, plates and paper. Often thinned with distilled water and sprayed through an airbrush.

5100701 2 oz \$32

5100702 4 oz \$52



### Stick Tusche

Used to draw or block out areas. Rub on a rough dish plate or saucer and dissolve with water or solvent.

5110901 Stones 20 ml \$12

51004 Korn's 30 ml \$17



### Snake Slips

Stones porcelain based deletion hone for use on lithographic stones.

5110801 per stick \$4



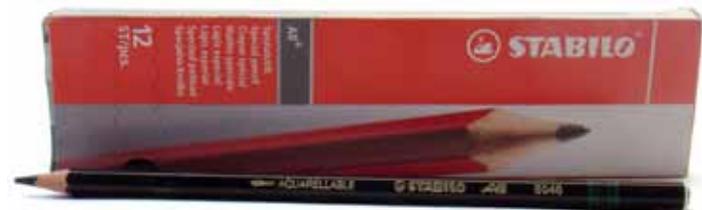
### Korn's Rubbing Ink

Achieve very fine tints by stretching fabric (coarse to fine) over a finger and rubbing at the rubbing ink stick. Lightly rub on lithographic stones, aluminum plates or drawing films to produce very soft marks.

5100601 soft \$12

5100602 medium \$12

5100603 hard \$12



### Stabilo Pencil

A great opaque drawing tool to use on substrates such as Artex, Velvet Tone, or matte polyester film. (Not for use on litho stones or ball-grained aluminum plates.)

510200 #8046 black 10% off 12+ \$1.50



### Film Opaquer Pens

Light blocking black ink great for drawing on films.

3910 broad point #1102 \$7

3911 fine point #1100 \$7



### Zig Opaque Pens

Preferred light-opaque ink pens great for drawing on films. Red color.

3930 [SF] super fine OP-005 \$7

3932 [F] fine OP-220 \$7

3936 [BR] rubber brush OP-55 \$7

3934 [B] broad chisel tip OP-88 \$7



### Ink, Paint & Flammable Storage Cabinets

500 lb capacity galvanized shelves, adjustable on 2 1/2" centers. Cabinets come in red only. "Flammable Keep Fire Away" label included.

Item# 2050140	44"H x 43"W x 18"D, 270 lb	893011	\$850 *
40 gallon, 3 shelves			
Item# 2050160	65"H x 43"W x 18"D, 385 lb	894511	\$1087 *
60 gallon, 5 shelves			



### Acid Storage Cabinets

500 lb capacity, corrosion resistant shelves with plastic trays, adjustable on 2 1/2" centers. Cabinet comes in blue only. Includes "Acid" label to identify contents.

Item# 2050230	44"H x 43"W x 18"D, 253 lb	893002	\$895
30 gallon, 1 shelf, 2 tray			
Item# 2050245	65"H x 43"W x 18"D, 350 lb	894502	\$1067 *
45 gallon, 2 shelf, 3 tray			

### Dispensing Bottle (Flammable Liquids)

Rugged polyethylene body. Leakproof and self-closing brass dispenser valves to minimize spills and control excess. Brass valves are FM-approved and recommended for flammables only.

206020	1 quart bottle	14010	\$49 *
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### Flammable Terne Plate Waste Can

Round construction and elevated bottom encourage circulation of air around can to disperse heat and prevent spontaneous combustion. One-piece, foot-operated cover.

206030	6 gallon	09100	\$79 *
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**\*WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



### Safety Glasses

Protective eyewear, gel nose-piece, and polycarbonate wrap around lens.

Item #522310	\$4.95
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### Protective Goggles

Protective eyewear with soft vinyl frame and fog free acetate lens. Indirect venting for chemical splash protection. Fits over prescription glasses.

Item #522312	\$7.95
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### General Purpose Shop Towel

This low-lint blue cloth-like towel does well on solvent, oil, or water-based inks. May be washed and reused. 11" x 14"

Item #522105	55 sheet roll	\$5
Item #522106	case of 6 rolls	\$24



### Kimwipes

Soft, lint-free, textureless wipes. Ideal for processing photo polymer etching plates and films. 15" x 17" sheets.

Item #522101	carton of 140 wipes	\$11.50
Item #522102	case of 15 cartons	\$145.00

### AGD Wipes

Soft, strong, absorbent & lint free. 8" x 8"

522103	cotton wipe elite	100 pcs	\$9
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### Disposable Nitrile Gloves

10" length, this 5 mils thick glove provides greater protection than latex. Boxes of 100.

Item #522210	small	\$14.95
Item #522211	medium	\$14.95
Item #522212	large	\$14.95
Item #522213	X-large	\$14.95



### Standard Duty Nitrile Gloves

13" mid-forearm length and 15 mils thick. Good solvent protection.

Item #522230	small	(7)	\$4.50 per pair
Item #522231	medium	(8)	\$4.50 per pair
Item #522232	large	(9)	\$4.50 per pair
Item #522233	X-large	(10)	\$4.50 per pair
Item #522234	XX-large	(11)	\$4.50 per pair



### Neoprene Gloves

14" forearm length and 30 mils thick. Excellent protection from solvents and acid handling.

Item #522240	small	(7)	\$10.50 per pair
Item #522241	medium	(8)	\$10.50 per pair
Item #522242	large	(9)	\$10.50 per pair
Item #522243	X-large	(10)	\$10.50 per pair



**Soysolv II**  
 Water rinseable,  
 non-toxic, no VOC,  
 biodegradable, non-  
 flammable.  
 Removes:  
 Tar, grease, oil, decals,  
 hydrocarbons, adhesives,  
 asphalt, styrofoam, paints,  
 rubber compounds, and  
 more.  
 Directions:

Soysolv II is a concentrate with excellent rinsibility. It is mixed with water for most applications or can be used full strength for tough cleaning jobs. Made In U.S.A.

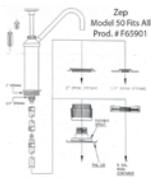
541301	Quart	\$19
5541305	Gallon	\$38



**Takach Press Logo Apron**

This apron's unique design eliminates the annoyance of a strap around the back of the neck. The most comfortable apron you will spend a work day in. Available in black with gold or silver logo and text.

Item #52001	gold	\$25
Item #52003	silver	\$25



**Dispensers**

Empty one gallon jugs and dispensing pumps for one gallon jugs and five gallon pails available.

31105	empty jug (1 gallon)	\$5
522411	dispensing pump (1 gallon)	\$6
32230	dispensing pump (5 gallon)	\$22



**Spray Bottle**

32 oz general purpose bottle with adjustable nozzle. Ideal for Soy Solv II or Varn 120 roller wash.

Item #522410		\$4
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**Citra-Solv**

A natural plant derived cleaner and degreaser containing D' Limonene (clear liquid from the peel of the orange). Can be used to transfer toner from laser printer prints to substrates with the aid of a press.

Item #541201	16 oz	\$15
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**Varn 120 Roller Wash**

Water miscible roller and brayer wash. May be used full strength or mixed with 20%-30% water. Contains rubber rejuvenates and synthetic detergents. Apply to clean rollers and brayers of ink then use a clean rag to wipe completely dry.



Item #44150	1 gallon	\$44
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**TKO Hand Cleaner**

Used in Takach Press's manufacturing facility for years. We can testify that this hand cleaner works well on ink, paint, grease, or dirt. Tiny scrubbing beads combined with lanolin and other emollients provide excellent results without the heavy odor.



**Gamsol**

Highly refined odorless mineral spirits (OMS) that evaporate 100% and leave no sticky residue. Gamsol is 100% aliphatic, which means it contains no harmful aromatic components.

Item #5052011	16 oz can	\$12
Item #5052012	32 oz can	\$17
Item #5052013	1 gallon can	\$45

Item #	Description	Price
522420	1 gallon container	8 lb \$28
522411	dispensing pump (reusable)	\$6

**Tarlatan (Regular)**

522011	36" wide	5 yd min.	\$2/yd
522012	36" wide	100 yd bolt	\$180

**Tarlatan (Stiff)**

522021	36" wide	5 yd min.	\$2/yd.
522022	36" wide	100 yd bolt	\$180

**Cheesecloth**

522031	36" wide	5yd min.	\$1/yd
522032	36" wide	70 yd bolt	\$61

**General Purpose Shop Towel**

522105	55 sheet roll	\$5
522106	case of 6 rolls	\$24

**Kimwipes**

Soft, lint-free, textureless wipe. Ideal for processing photo polymer etching plates and films. 15" x 17" sheet.

522101	carton of 140 wipes	\$11.50
522102	case of 15 cartons	\$145

**Plastic Ink Spreader**

522304	3" x 4"	\$ 0.75
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**Ink Knives**

522301	tapered 3"	stiff	\$12
522302	1 1/4"	stiff	\$9
522303	1 1/4"	flexible	\$9

**Russell Ink Knives NEW**

5223110	1 1/4"	flexible	\$10
5223111	1 1/2"	flexible	\$11
5223112	2"	flexible	\$12
5223120	1 1/4"	stiff	\$10
5223121	1 1/2"	stiff	\$11
5223122	2"	stiff	\$12

**Razor Scraper**

522307	Retractable	\$3
522309	Richard (non-retractable)	\$3
522308	Blades	100 pack \$9

**Ink Can Skin Papers: Pack of 100**

Item	Diameter	Ink can size	
541081	3 3/4"	1 lb	\$5
541082	5 1/4"	800 ml	\$10
541083	6"	5 lb	\$10

**Anti Skin Spray**

Minimizes oxidation and skinning from the surface of ink.

541071	pint	\$13.30
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**Chine-collé Adhesive**

Museum quality. Neutral PH.

522401	Rice Starch	8 oz	\$16
522402	Wheat Starch	8 oz	\$18
522431	PVA <small>NEW</small>	8 oz	\$7
522432	PVA <small>NEW</small>	1 quart	\$20
522433	PVA <small>NEW</small>	1 gallon	\$49

**Graphic Chemical Litho Ink:**

Graphic Chemical's line of lithography inks. 1 lb cans.

5025202	Litho Red	1900C	\$21
5025212	Madder Lake	1907C	\$35
5025222	Coral Red	1908C	\$39
5025232	Litho Orange	1915C	\$29
5025242	Process Red	1929C	\$21
5025302	Permanent Process Yellow	1901C	\$22
5025312	Lemon Chrome Yellow	1905C	\$28
5025322	Semi-Opaque Yellow	1912C	\$30
5025332	Primrose Yellow	1918C	\$33
5025402	Dark Blue	1902C	\$39
5025412	Permanent Process Blue	1906C	\$21
5025422	Cerulean	1913C	\$19
5025432	Milori Blue	1914C	\$17
5025442	Thalo Blue	1927C	\$23
5025452	Lithographic Purple	1930C	\$22
5025502	Litho Dark Brown	1903C	\$20
5025512	Yellow Ochre	1909C	\$15
5025522	Burnt Sienna	1922C	\$16
5025532	Raw Sienna	1923C	\$15
5025542	Burnt Umber	1925C	\$16
5025552	Raw Umber	1926C	\$22
5025602	Emerald Green	1904C	\$21
5025012	Litho Black-Process Black	1796C	\$20
5025022	Senefelder's Crayon Black	1803C	\$45
5025032	Senefelder's Crayon Gray	1916C	\$19
5025042	Roll-up Black	1921C	\$20
5025052	Shop Mix Black	2244C	\$74
5025112	Litho Opaque White	1000C	\$27
5025122	Tint Base Extender	1911C	\$14
5025132	Stiff Opaque White	1928C	\$22



**Sureset Compound:** compare to Setswell 540103 Graphic 2378C 1 lb \$16

**Cobalt Drier**

Add in very small amounts. Speeds the drying time of ink.

540211	Hanco 25-1100	pint	\$17
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**Litho Varnish:** Modifies ink body, maintains original tack. Listed thin to thick

540101	#00	pint	25-2200	\$9
540111	#3	pint	25-2300	\$9
540121	#5	pint	25-2400	\$10
540131	#7	pint	25-2500	\$10
5031805	body gum	1 lb	25-2600	\$12

**Magnesium Carbonate**

Used to stiffen ink.

540202	Hanco 1 lb	25-2700	\$ 12
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**Setswell Compound**

Keeps ink layers open, able to accept and trap subsequent ink layers. Controls tack.

5031801	Hanco 1 lb	25-1500	\$14
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### Hanco Litho Ink

High strength, full-bodied ink made of finely ground specialty pigments. Provides the superior permanence master printers require for lasting impressions.

All inks are without drier. Sold in 1 lb cans unless noted.

\*Denotes a semi archival variant, all other inks are fully archival.

Item#	Color	Old Code	SKU	
5031811	Process Yellow	(Y-1137)	21-1100	\$25
5031001	* Process Yellow	(CS-100)	21-1200	\$16
5031221	Primrose Yellow	(Y-2710)	21-1300	\$26
5031271	Warm Yellow	(Y-2716)	21-1400	\$26
5031821	Bright Orange	(OR-1070)	21-1500	\$26
5031011	* Bright Orange	(CS-200)	21-1600	\$16
5031831	Flame Red	(R-1184)	21-1700	\$19
5031841	Warm Red	(R-1185)	21-1800	\$26
5031031	* Warm Red	(CS-310)	21-1900	\$19
5031851	Process Magenta	(R-1186)	21-2000	\$26
5031041	* Process Magenta	(CS-320)	21-2100	\$17
5031861	Ruby Red	(R-1187)	21-2200	\$26
5031051	* Ruby Red	(CS-330)	21-2300	\$17
5031871	Orchid Red	(R-1188)	21-2400	\$34
5031881	Fire Red	(R-1189)	21-2500	\$26
5031891	Dark Red	(R-1190)	21-2600	\$26
5031341	Hoosier Red	(R-6711)	21-2700	\$26
5031901	Purple	(P-1090)	21-2800	\$34
5031401	Deep Violet	(P-685)	21-2900	\$26
5031411	Carbazole Violet	(P-1186)	21-3000	\$34
5031111	Phthalo Blue	(CS-410)	21-3100	\$17
5031121	Process Cyan	(CS-414)	21-3200	\$17
5032081	Process Blue RS	(B-7501)	21-3300	\$24
5031141	Milori Blue	(CS-430)	21-3400	\$17
5031441	Intense Blue	(B-7493)	21-3500	\$24
5031151	* Intense Blue	(CS-450)	21-3600	\$18
5031461	Ultra Blue	(B-7497)	21-3700	\$25
5031481	Cerulean Blue	(B-7503)	21-3800	\$24
5031171	Phthalo Green	(CS-500)	21-3900	\$21
5031511	Xmas Green	(G-4996)	21-4000	\$27
5031541	Grass Green	(G-5001)	21-4100	\$27
5031561	Trophies Brown	(BN-3428)	21-4200	\$26
5031591	Bismark Brown	(BN-3433)	21-4300	\$26
5031601	Leaf Brown	(BN-3434)	21-4400	\$26
5031971	Sepia	(CS-600)	21-4500	\$15
5031981	Raw Umber	(CS-610)	21-4600	\$15
5031991	Burnt Umber	(CS-620)	21-4700	\$15
5032001	Raw Sienna	(CS-630)	21-4800	\$15
5032011	Burnt Sienna	(CS-640)	21-4900	\$15
5032021	Yellow Ochre	(CS-650)	21-5000	\$15
5031631	Richtone Gray	(T-3023)	21-5100	\$24
5031661	Crayon Black	(BK-1015)	21-5200	\$31
5031941	Shop Mix Black	(BK-1076)	21-5300	\$42
5032101	Roll-Up Black	<b>NEW</b>	21-5400	\$51
5031181	Process Black	(CS-700)	21-5500	\$16
5031681	Proofing Black		21-5600	\$16
5031671	SMA Black	(BK-1018)	21-5700	\$16

### Tint Base

5031201	Tint Base 1 lb	(CS-800)	21-5800	\$15
5031202	Tint Base 4.75 lb	(CS-800)	21-5801	\$73
5031651	Stiff Tint Base 1 lb	(W-1075)	21-5900	\$22
5031653	Stiff Tint Base 5 lb	(W-1075)	21-5901	\$99

### White

5031211	Opaque White 1.5 lb	(CS-850)	21-6000	\$25
5031212	Opaque White 8.5 lb	(CS-850)	21-6001	\$130
5031691	Stiff Opaque White 1.5lb	W-1005	21-6100	\$26
5031693	Stiff Opaque White 8.5lb	W-1005	21-6101	\$138

### Hanco Metallic Litho Inks

5031781	Brilliant Silver	(CS-950)	24-1500	\$23
5032041	Brilliant Rich Gold	(CS-951)	24-1600	\$32
5032061	Brilliant Copper	(CS-953)	24-1700	\$32

### Hanco Litho Ink Modifiers

540281	Flash Oil pint	(MS-1022)	25-1400	\$7
5031801	Setswell pint	(MS-1025)	25-1500	\$14
5031961	Tu Way Drier pint	(MS-1014)	25-1200	\$17
540291	Clearset pint	(MS-1008)	25-1600	\$13

### Cans

206131	Empty Ink can	11b	\$2.50
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### Charbonnel Litho Ink

Roll Up Black Noir A Monter

5040012 unavailable 200 ml \$34

5040013 800 ml \$115

Black Velvet (deep)

5040022 200 ml \$32



### Portland Litho Black **NEW**

Portland Litho Black is an artist-grade lithography color.

Created with high quality burnt plate oil and a high pigment load for a rich and

detailed black for printing plate and stone lithography.

5053011 Gamblin L3001 11b \$19.95



### Russell Ink Knives **NEW**

5223110	1¼"	flexible	\$10
5223111	1½"	flexible	\$11
5223112	2"	flexible	\$12
5223120	1¼"	stiff	\$10
5223121	1½"	stiff	\$11
5223122	2"	stiff	\$12



### Richard Razor Scraper

This non-retractable scraper is simple, easy to clean and fits a standard single-edge razor.

522309 \$3

### Charbonnel Traditional Etching Ink (C)

Traditional oil based etching inks. An extensive palette of vibrant colors. and purpose specific black inks.

#### Price Groups

	60 ml	200 ml	800 ml	
	\$15	\$37		A
	\$14	\$32		B
	\$17	\$44		C
	\$16	\$41		D
	\$13	\$26	\$74	E
	\$12	\$24		F



Yellow	Lemon Yellow	5042001	5042002		A
Yellow	Primrose Yellow	5042011	5042012		A
Yellow	Permanent Yellow	5042021	5042022		A
Yellow	Deep Yellow	5042031	5042032		B
Yellow	Indian Yellow	5042041	5042042		A
Orange	Apricot Yellow	5042051	5042052		A
Orange	Nasturtium Yellow	5042061	5042062		C
Red	Vermilion Red	5042071	5042072		A
Red	Warm Red	5042081	5042082		D
Red	Cardinal Red	5042091	5042092		A
Red	Carmine Red	5042101	5042102		D
Red	Ruby Red	5042111	5042112		C
Red	Geranium Red	5042121	5042122		A
Red	Madder Lake	5042131	5042132		D
Purple	Solferino Violet	5042141	5042142		C
Purple	Permanent Violet	5042151	5042152		C
Blue	Concentrated Blue	5042161	5042162		C
Blue	Orient Blue	5042171	5042172		B
Blue	Prussian Blue	5042181	5042182		B
Blue	Ultramarine Blue	5042191	5042192		E
Blue	Cobalt Blue Hue	5042201	5042202		E
Blue	Cerulean Blue Hue	5042211	5042212		E
Blue	Ocean Blue	5042221	5042222		A
Blue	Turquoise Blue	5042231	5042232		E
Green	Spring Green	5042241	5042242		A
Green	Permanent Green	5042251	5042252		C
Green	Medium Green	5042261	5042262		B
Green	Sap Green	5042271	5042272		A
Green	Emerald Green	5042281	5042282		A
Green	Permanent Viridian	5042291	5042292		A
Yellow	Yellow Ochre	5042301	5042302		F
Orange	Raw Sienna	5042311	5042312		E
Orange	Burnt Umber	5042321	5042322		E
Orange	Sanguine	5042331	5042332		E
Orange	Red Ochre	5042341	5042342		F
Orange	Burnt Sienna	5042351	5042352		E
Orange	Colored Sepia	5042361	5042362		E
Orange	Raw Sepia	5042371	5042372		E
Orange	(Basic) Bistre	5042381	5042382		E
Orange	Raw Umber	5042391	5042392		E
Orange	Van Dyck Brown	5042401	5042402		B
Orange	Payne's Gray	5042411	5042412		F
Orange	Gold	5042421			A
Orange	Silver	5042431	5042432		A
Black	Black 55985 Very Dense		5041082	5041083	E
Black	Black F66 Medium Dense		5041032		F
Black	Soft Black	5041041	5041042		F
Black	Black RSR		5041052		F
Black	Black Luxe C		5041062		E
Black	Black 55981 Universal	5041071	5041072	5041073	E
Black	Carbon Black	5041101			E
White	Snow White TI	5041001	5041002		E
White	Snow White RS	5041011	5041012		E
White	Cover White RS	5041021			E
White	White Trans. Lake	5041201			B

### Hanco Etching Ink (H)

5030011	Lemon Yellow	Y-1056	22-1100	\$15
5030001	Process Yellow	Y-1072	22-1200	\$16
5030021	Orange	OR-1047	22-1300	\$16
5030041	Medium Red	R-1066	22-1400	\$16
5030031	Crimson Red	R-1067	22-1500	\$15
5030061	Process Magenta	R-1133	22-1600	\$16
5030051	Dark Red	R-1140	22-1700	\$17
5030081	Purple	P-1213	22-1800	\$23
5030071	Carbazole Violet	P-1068	22-1900	\$23
5030131	Cobalt Blue	B-1208	22-2000	\$17
5030091	Ultramarine Blue	B-1192	22-2100	\$17
5030121	Midnight Blue	B-1194	22-2200	\$17
5030111	Milori Blue	B-1107	22-2300	\$16
5030101	Phthalo Blue	B-1193	22-2400	\$16
5030141	Process Cyan	B-1209	22-2500	\$16
5030241	Yellow Ochre	Y-1073	22-2600	\$15
5030221	Raw Sienna	Y-1177	22-2700	\$15
5030181	Dark Brown	BN-1043	22-2800	\$15
5030191	Sepia	BN-1044	22-2900	\$15
5030201	Raw Umber	BN-1045	22-3000	\$15
5030211	Burnt Umber	BN-1046	22-3100	\$15
5030231	Burnt Sienna	BN-1048	22-3200	\$15
5030151	Medium Green	G-1077	22-3300	\$16
5030161	Shamrock Green	G-1078	22-3400	\$16
5030171	Phthalo Green	G-1079	22-3500	\$18
5030301	Paynes Gray	T-1120	22-3600	\$15
5030251	Intense Deep Black	BK-1040	22-3700	\$15
5030261	Warm Black	BK-1041	22-3800	\$15
5030271	Process Black	BK-1042	22-3900	\$14
5030281	Bone Black	BK-1052	22-4000	\$15
5030291	Blue Black	BK-1061	22-4100	\$16
5030361	Transparent Base	W-1009	22-4200	\$17
5030371	Opaque White	W-1011	22-4300	\$17
<b>Metallic Hanco Etching Ink</b>				
5030311	Silver	MS-1056	24-1100	\$22
5030321	Rich Gold	MS-1057	24-1200	\$27
5030341	Copper	MS-1059	24-1400	\$27

### Charbonnel Aqua Wash Etching Ink

Cleaned using soapy water, alcohol for deeper etches.

5043011	Primrose Yellow	60ml	\$14
5043021	Deep Yellow	60ml	\$14
5043031	Geranium Red	60ml	\$14
5043041	Cardinal Red	60ml	\$14
5043051	Vermillion Red	60ml	\$14
5043061	Ultramarine Blue	60ml	\$11
5043071	Prussian Blue	60ml	\$12
5043081	Ocean Blue	60ml	\$12
5043091	Emerald Green	60ml	\$12
5043101	Paynes Gray	60ml	\$11
5043111	Bistre	60ml	\$12
5043121	Sanguine	60ml	\$14
5043131	Raw Sepia	60ml	\$11
5043141	Warm Sepia	60ml	\$14
5043151	Yellow Ochre	60ml	\$11
5043161	Burnt Sienna	60ml	\$11
5043171	Snow White	60ml	\$12
5043181	Black RSR	60ml	\$11
5043182	Black RSR	150ml	\$22
5043191	Black 55981	60ml	\$11
5043192	Black 55981	150ml	\$22
5043201	Black F66	60ml	\$11
5043202	Black F66	150ml	\$22
5043211	Carbon Black	60ml	\$11
5043212	Carbon Black	150ml	\$22
5043221	Black 55985	60ml	\$11
5043222	Black 55985	150ml	\$22
5043231	Black Luxe C	60ml	\$11
5043232	Black Luxe C	150ml	\$22



# AQUA WASH

### Charbonnel Aqua Wash Mediums

5043241	Medium Soft Black Wiping	60ml	\$11
5043251	Transparent Medium	60ml	\$10
5043261	Aqua Wash Oil	75ml	\$9

**Gamblin Ink** <sup>Ⓞ</sup>

Strong reliable oil based inks, with high pigment content.

Formulations for relief or etching.

**Gamblin Etching Ink:** 1 lb (300 ml)

5050011	■	Portland Black	\$17
5050021	■	Stiff Portland Black	\$17
5050031	■	Portland Cool Black	\$17
5050041	■	Bone Black	\$17
5050051	■	Carbon Black	\$17
5050061	■	Graphite	\$22
5050071	■	Dioxazine Purple	\$25
5050081	■	Hansa Yellow Light	\$25
5050091	■	Napthol Red	\$22
5050101	■	Phthalo Green	\$22
5050111	■	Prussian Blue	\$22
5050121	■	Quinacridone Red	\$25
5050131	■	Sepia	\$22
5050141	■	Ultramarine Blue	\$22
5050151	■	Yellow Ochre	\$17
5050161	□	Etching White	\$17
5050171	□	Transparent Base	\$17

**Gamblin Relief Ink:** 175 ml

5051101	■	Portland Intense Black	\$13
5051121	■	Sepia	\$16
5051131	■	Phthalo Blue	\$19
5051141	■	Quinacridone Red	\$16
5051151	■	Prussian Blue	\$16
5051161	■	Napthol Scarlet	\$19
5051171	■	Hansa Yellow Light	\$19
5051181	■	Phthalo Green	\$19
5051191	□	Transparent Base	\$13
5051111	□	Titanium White	\$13
5051201	■	Tom Huck's Outlaw Black	1 lb \$19

**Gamblin Textile Ink:**

5052001	■	Textile Black (Drive By Black)	1 lb \$19
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**Modifiers:** <sup>Ⓜ</sup>Hanco <sup>Ⓞ</sup>Gamblin <sup>ⓐ</sup>GC Graphic**Magnesium Carbonate (ink stiffener)**

5052031	Ⓞ		100 g \$11
540202	Ⓜ	25-2700	1 lb \$12

**Burnt Plate Oil:**

5052051	Ⓞ	#000	8 oz \$9
540011	Ⓜ	#00	pint \$9
5052061	Ⓞ	#2	8 oz \$9
540021	Ⓜ	#3	pint \$9
540031	Ⓜ	#5	pint \$10
540041	Ⓜ	#7	pint \$10

**Tack Reducer:** Reduces tack, for easy wiping.

5052041	Ⓞ	Tack Reducer	150ml \$9
540242	ⓐ	Easy Wipe	1 lb \$18
5031801	Ⓜ	Setswell	pint \$14
540291	Ⓜ	Clearset	pint \$13

**Wonder Gel:** Compare to Miracle Gel

Non-greasy tack reducer, to minimize roller marks and paper cling. Won't change ink color.

5031697	Ⓜ	25-1700 (MS-1175)	1 lb \$12
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**Zea Mays Transparent Etching Base**

Zea Mays Printmaking developed this soft, short bodied substitute for Faust Q699.

5031696	Ⓜ	22-4400 (W-1028)	1 lb \$18
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**Graphic Chemical Etching Ink** <sup>ⓐ</sup>GCOil based inks for all etching / intaglio processes. The **\*perfection palette** line is additionally suitable for relief.**Graphic Chemical Etching Ink:** 1 lb can

5020012	■	Stiff Black	135C \$18
5020022	■	Blue Black	327C \$16
5020032	■	Bone Black	514C \$17
5020042	■	Vine Black	1014C \$19
5020052	■	Renaissance Black	2398C \$17
5020062	■	Graphite	2326C \$17
5020072	■	*Intense Black	1797C \$17
5020082	■	*Process Black	2348C \$18
5020102	■	Dark Brown	545C \$16
5020112	■	Burnt Umber	603C \$16
5020122	■	Burnt Sienna	753C \$15
5020132	■	Yellow Ochre	1028C \$14
5020142	■	Raw Sienna	1055C \$16
5020152	■	Raw Umber	1717C \$16
5020162	■	Sepia	2265C \$17
5020172	■	Red Iron Oxide	2331C \$16
5020182	■	Mars Violet	2334C \$19
5020192	■	Indian Red	2341C \$20
5020202	■	Midnight Blue	579C \$19
5020212	■	Carbazole Violet	2314C \$21
5020222	■	Thalo Turquoise	2337C \$20
5020232	■	Thalo Blue - Green Shade	2343C \$19
5020252	■	*Thalo Blue - Red Shade	1016C \$19
5020262	■	*Ultramarine Blue	1017C \$35
5020272	■	*Cobalt Blue	1024C \$18
5020282	■	*Permanent Peacock Blue	2041C \$25
5020292	■	*Process Blue	2346C \$20
5020352	■	Thalo Red	2336C \$19
5020362	■	*Rose Madder	1018C \$29
5020372	■	*Cadmium Red Dark	1025C \$30
5020412	■	*Cad Red Medium	2327C \$23
5020382	■	*Cadmium Red Light	1026C \$29
5020392	■	*Bright Red	1044C \$19
5020402	■	*Alizarin Crimson	2138C \$16
5020422	■	*Process Magenta	2347C \$19
5020502	■	Green	577C \$23
5020512	■	Thalo Viridian	2333C \$16
5020522	■	Deep Forest Green	2372C \$25
5020532	■	*Viridian Green	1022C \$17
5020542	■	*Thalo Green	2099C \$24
5020582	■	Orange	2292C \$24
5020592	■	*Cadmium Yellow	1020C \$41
5020602	■	*Process Yellow	2349C \$21
5020612	■	*Diarylide Yellow	1599C \$21
5020622	■	*Cadmium Orange	1021C \$21
5020702	□	Opaque White	1000C \$27
5020722	□	*Radiant White	2411C \$19
5020732	■	*Payne's Gray	2325C \$16
5020802	■	Silver Brilliant Metallic	1861C \$22
5020812	■	Karat Gold	2027C \$29
5020822	■	*Copper Bronze	2248C \$29
5020832	■	*Pale Gold	2316C \$29

**Modifiers**

540222		Etching Base	889C \$14
5025122		Tint Base Extender	1911C \$14
540242		Easy Wipe	2353C \$18
5020712		Transparent White Extender	2410C \$20



### Akua-Kolor Inks

- A thin, water based ink for monotype and block printing
- This lightfast fluid pigment won't dry on the slab and cleans up with soap and water
- Compatible with Akua Intaglio Inks



### Akua Intaglio Inks

- A thick formula water based ink for intaglio and relief
- This lightfast intaglio ink won't skin in the jar and cleans up with soap and water

#### Akua Liquid Pigment Sets Save 10%

50075	Primary Colors	Set 1		\$72
50076	Standard Color	Set 2		\$158
50077	Process Color	Set 3		\$72
50078	Professional Color	Set 4		\$267

#### Akua Liquid Pigment 4 oz (118 ml) Bottles

50001	Lemon Yellow					\$11
50002	Hansa Yellow					\$12
50003	Diarylide Yellow					\$13
50025	Pyrrole Orange					\$14
50005	Scarlet Red					\$13
50006	Crimson Red					\$14
50007	Quinacridone Red					\$14
50008	Quinacridone Violet					\$14
50009	Ultramarine Blue					\$12
50010	Phthalo Blue					\$12
50011	Phthalo Blue Green					\$12
50012	Phthalo Green Yellow					\$12
50013	Phthalo Green Blue					\$12
50015	Yellow Ochre					\$11
50017	Burnt Sienna					\$11
50018	Red Oxide					\$11
50020	Burnt Umber					\$11
50021	Raw Umber					\$11
50022	Lamp Black					\$10
50023	Jet Black					\$10
50024	Titanium White					\$11

#### Modifiers

50060	Retarder					\$8
50061	Blending Medium					\$8
50062	Tack Thickener					\$8
50063	Extender					\$8
50116	Release Agent					\$14



#### Akua Tools

51432	Variety Needle Set	\$24
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#### Akua Pin Press 20"

Designed to print monotypes.

52300	\$225
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#### Akua Starter Set (6 piece)

Intaglio Ink 2 oz *Hansa Yellow, Crimson Red, Carbon Black, Transparent Base*  
Liquid 1 oz *Phthalo Blue, Blending Medium*  
with instruction guide

51435	\$19
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#### Akua Intaglio Ink Sets Save 10%

50160	Intaglio Starter Set		\$99
50161	Complete Color Set		\$480

#### Akua Intaglio 8 oz Jars

50130	Graphite			\$15
50127	Paynes Gray			\$15
50131	Bone Transparent Black			\$15
50129	Mars Faster Drying Black			\$15
50101	Carbon Black (16oz option 50141 \$26.95)			\$15
50102	Lamp Black			\$15
50103	Hansa Yellow			\$17
50120	Diarylide Yellow			\$19
50121	Pyrrole Orange			\$20
50105	Crimson Red			\$19
50110	Red Oxide			\$16
50133	Cad Red Medium			\$19
50126	Quinacridone Magenta			\$20
50114	Scarlet Red			\$19
50115	Carbazole Violet			\$22
50122	Ultramarine Blue			\$17
50107	Phthalo Blue			\$17
50132	Prussian Blue			\$17
50108	Phthalo Green			\$17
50128	Oxide Green			\$16
50109	Yellow Ochre			\$16
50117	Burnt Sienna			\$16
50119	Burnt Umber			\$16
50118	Raw Umber			\$16
50111	Van Dyke Brown			\$16
50123	Metallic Silver			\$17
50124	Metallic Gold			\$17
50112	Titanium White			\$16
50125	Opaque White			\$17

#### Modifiers

50113	Mag Mix (ink stiffener)			\$14
50100	Transparent Base (16oz option 50140 \$26.95)			\$14
50116	Release Agent			\$14
50026	Carborundum Gel			\$14

#### Akua Wiping Fabric

Akua inks will not dry or harden on this polyester, lint free, long lasting, tarlatan alternative.

522041	19" wide	5yd min.	\$2/yard
522040	19" x 10 yard		\$15
522042	19" wide 100 yard bolt		\$125



**Tamarind Techniques for Fine Art Lithography**  
Signed by the three authors:  
•Marjorie Devon  
•Bill Lagattuta  
•Rodney Hamon  
Hardcover, 2009.

A must-have for every lithographer, workshop, library and classroom.

This full-color technical manual contains step-by-step directions for all processes used at Tamarind. Guidance for establishing a print studio, safety and storage information on chemicals, and advice about maintaining quality, documenting editions, and caring for works of art on paper.

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Item #53002 24 min DVD \$50

**Four Stones For Kanemitsu**  
Item #53003 28 min DVD \$30



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By Tamarind Institute. Covers current techniques on aluminum plate, with a trouble shooting guide.  
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**Photolithography A Manual**

By Tamarind Institute. Covers positive plate, negative plate, films, registration, stone matrix, and exposure methods.  
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Spit Bite, Sugar Lift and Other Etched Tones Step-by-Step: By Emily York.  
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A comprehensive and detailed approach to making etchings safely. It is based on the methods employed and taught by New Grounds. With materials lists, step-by-step instructions and troubleshooting sections, this book offers guidance for etchers on all levels. It is invaluable for those wishing to make the transition from toxic to non-toxic etching, and it is suited as a textbook for an etching class.  
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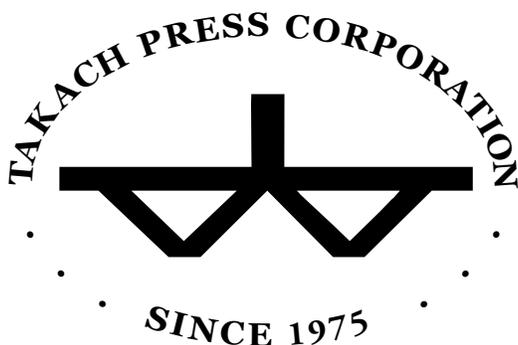
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