

"I have been working with presses manufactured by the Conrad Machine Company since 1976. I have used them as a student, a college professor, and as a professional printmaker. As a college professor, I have seen the use, and abuse, that presses take in a printmaking studio and Conrad presses not only with-stand this constant use but have given me years of trouble-free service. As far as I am concerned, this is one of the best tests of any piece of studio equipment. Conrad presses are reliable, extremely durable, and easy to operate. The quality of prints pulled on these presses is outstanding."

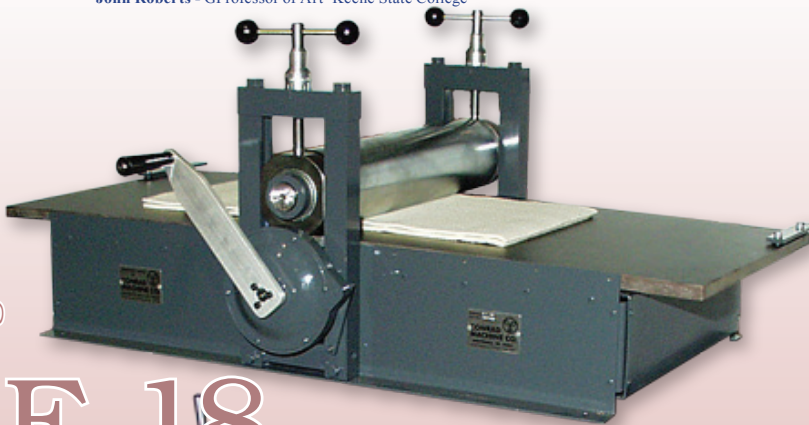
John Roberts - GProfessor of Art- Keene State College



Conrad Machine Co.

The World's Finest Printmaking Presses since 1956

Etching machine

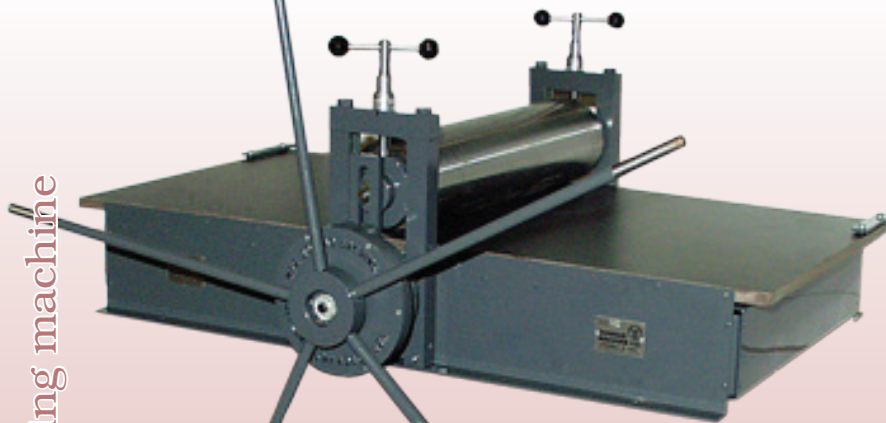


E-18

Specifications

- Overall Dimensions: 36" W x 30.25" L x 18" H
- Hand Crank: 10" Throw Aluminum
- Star Wheel: 34" diameter
- Upper Roll:
 - 11.5cm/ 4.5" (mặc định) | 15cm/ 6" (tùy chọn)
- Bed:
 - + Composite Bed: 18.75" x 44" x 3/4" - 26 lbs.
 - + Steel Bed: 18" x 36" x 3/4" - 140 lbs.
 - + Aluminum Bed: 18.75" x 36" x 3/4" - 49 lbs.
- Shipping Weights: 287 lbs. less bed

Etching machine

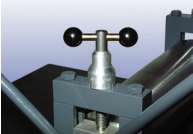


E-24

Specifications

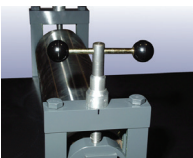
- Overall Dimensions: 53.5" W x 36.25" L x 19" H
- Hand Crank: 10" Throw Aluminum
- Star Wheel: 34" diameter
- Upper Roll:
 - 15cm/ 6" (mặc định) - 19cm/ 7.5" (tùy chọn)
- Bed:
 - + Composite Bed: 24.5" x 53" x 1"
 - + Steel Bed: 24" x 53" x 3/4" - 270 lbs.
 - + Aluminum Bed: 24.5" x 53" x 3/4" - 95 lbs.
- Shipping Weights: 500 lbs. - less bed

What makes the quantity of Conrad E-18/ E-24?



Planetary Series-1 Geared Reduction Drive- 6 to 1

The most remarkable feature of the E-18 etching press is the Planetary reduction drive. Torque from the 10 inch throw aluminum hand crank is multiplied in the fully enclosed geared planetary reducer. The ideal 6:1 ratio to provides smooth and easy operation under the heaviest pressure. This type of press drive, developed by Conrad Machine Co. in 1959, is a proven design concept by having trouble free service over the past 50 years on thousands of etching presses, ranging in width from 12 inches to 50 inches.



Planetary Series-2 Geared Drive

Conrad Machine Co. has developed three sizes of planetary gear drives for all sizes of etching presses. The Series-2 drive is used on our E-24, E-28, E-30, E-31, and E-37 etching presses.



Twin-Torque Drive

This drive is the only hand drive on the market today that enables the printmaker to choose a gear ratio suited to his medium. Take your choice of 5, 10, 15, 20 or 25 to 1 gear ratios driving through a fully enclosed, self-contained double reduction planetary gear drive. This drive is mounted directly on the roll. Options include a star wheel in place of a hand crank.



Etching Press Base and Frame

The base of the press is formed of heavy gauge sheet steel. The steel sheet is riveted together to form a sturdy box section that is resistant to twisting and tipping. Unlike many of our competitors' presses, the base extends the full length (36" or 48") of the bed plate.

The Vertical Frame is constructed of solid square steel. The frame, pressure screws, bearing blocks, and lower roll adjusting screw all share a common centerline to eliminate twisting or bending of the frame under high printing pressure.

Motor Drive (E-24 only)

For those printmakers running large editions or for those who would like effortless printing, we offer a motorized press option. The motor can deliver a constant speed throughout any edition size and never get tired. We offer a 1/2 H.P. motor that runs on standard house current, 115 volt. Safety features include roll guards, bed stops, an instant reverse motor with power indicator light, and a keyed power lock out switch. The E-24 etching press motor drive option is different from our other motorized presses. The motorized E-24 press retains its hand drive. The hand drive can be disconnected and the motor drive engaged with one pull of the lever. To engage the hand drive and disengage the motor drive, just push in the lever.

Rolls and Bearings

The upper roll is precision machined from steel and is spring counter balanced. The E-18 upper roll is 4.5" in diameter and the E-24 upper roll is 6" in diameter. Lower rolls on both presses are adjustable for height and bed plate teeter. The E-18 lower roll is precision machined from 3.5" solid steel, while the E-24 lower roll is precision machined from 4" solid steel. We only use large 1.5" diameter roll bearing journals on both the E-18 and E-24 presses. These high quality, self-aligning, anti-friction bearings insure smooth and easy operation under the most severe printing conditions.

Etching Press Micro-Gauges

Most small presses are not even available with Micro-Gauges. The small presses that do offer micro-gauges use a scale type design that is inferior to a barrel-thimble design. Conrad Machine Co. offers a barrel-thimble Micro-Gauge that is calibrated to .005 inch per line. This means that you can adjust each pressure screw by about the same thickness as a human hair! The Conrad Machine Co. Micro-gauges are the very best in the printmaking industry.



25 years Warranty ! All Conrad Machine Co. Presses come with the industry's best 25-Year Warranty. We believe in our products, so much so, that we will repair or replace any defects in years of the life of your press.