

# "Super 24" Deep Throat Press DP-24-X

## A Tough Puncher

The 25 tons of hydraulic capacity is available over the entire 2" stroke. The "Super 24" will punch a 5" hole through 3/16" mild steel or a 3-1/2" hole through 1/4" mild steel. Holes and shapes considerably beyond this rating are made possible by designing shear into the tooling.

## Easy To Operate

Unlike mechanical presses, there is no need for a clutch or for lowering the ram by hand when positioning tooling for work. A twin guarded foot switch gives infinite control of the ram in both directions. The punch may be "jogged" either up or down or stopped at any point in its travel. It is not necessary to complete a cycle once it is started. Alignment of work piece or punches and die require relatively little skill.

## Reliable Power Unit

The standard 3HP hydraulic package is an integral part of the machine and operates on 240 VAC, three phase current.

## Wide Range of Tooling

All tooling is interchangeable with other Kidder presses. Standard tooling includes punching attachment for holes 1/8" though 5" rounds, punches for shapes including squares, rectangles and ovals, and attachments for shearing, notching, bending and pipe notching. All standards are modestly priced and available mostly off the shelf. A wide range of custom tooling is available as Kidder has tool makers on staff.

## Optional Gauge Table

The optional gauge table (not shown) for production work adjusts from any angle between 90 and 45 and features a sliding "quick lock" mechanism.

## Special Applications

Custom tooling is available for radiusing, corner trimming, multiple hole punching, slotting, end forming and cut-off, louvres, piercing, lighforming, keyholes, combination cut-off and punching, nibbling and many many more. We also supply holders for Whitney, Mubea, Geka, and other punches.



Twenty-five tons of punching power at an affordable price. This C-frame press will punch to the center of a 48" sheet and will also shear, notch and bend 2" x 2" x 1/4" angle and other structurals. Effective working range is from 30 gage though mild 3/8" mild steel. This versatility is possible because of the specially reinforced design and welded all steel construction. Primary use for the Super 24 is for short run production, prototype work, and fabrication of panels, cabinets, stands, and frames. An optional gage table (not shown) for production adjusts from any angle between 45 to 90 and features a sliding "quick lock" mechanism.



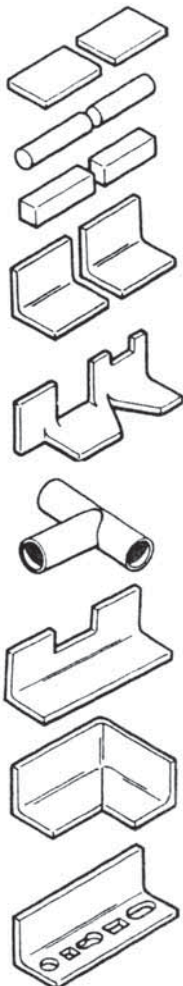
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## Standard Attachments

BXP-3	Punch holder for Kidder #3 punches
BXD-3	Die holder for 7/8" O.D. 5/8" ht. dies
BXP-4	Punch holder for Kidder #4 punches
BXD-4	Die holder for 1-1/2" O.D. x 1" ht. dies
BXP-SS	Punch holder for Kidder straight shank (3/4" shank dia.) punches
BXD-2	Die holder for 2" O.D. x 3/4" ht. dies
BXD-3-7/16	Die holder for 3-7/16" O.D. x 3/4" ht. dies
BXD-4-5/8	Die holder for 4-5/8" O.D. x 3/4" ht. dies
BXD-5-15/16	Die holder for 5-15/16" O.D. x 3/4" ht. dies
BXS-F	Shearing attachment for flats, 3" blades
BXS-A	Shearing attachment for angles
BXN-A	Notching attachment (2-1/2" blades)
BXN-B	Notching attachment (5" blades)
BXB-3	Bending attachment for radii and shapes
BXB-4	Bending attachment for heavy flats and angles
BXB-6	Bending attachment for lighter, wider flats and angles
BXPN	Pipe notching attachment for 1" to 2" pipe

ORDER TOOLING SEPARATELY - See price list



### SHEARING

- 3/8" x 3" flats in one stroke, much greater widths using multiple strokes.
- 5/8" square or round bar
- 2" x 2" x 1/4" angle

### NOTCHING & COPING

- 2 1/2" x 2 1/2" in 1/4" (2" x 2" x 1/4" angle) removes fillet completely
- 2" x 2" end cope (including fillet) in 3/16" angle, for butt welding
- 3 sided copes in 1/4"

### PIPE NOTCHING

- 90 degrees, equal or unequal sizes from 1" through 2"

### BENDING

- 1/4" x 4" flats
- 3/16" x 5 1/2" in lighter gauge
- Radii in up to 1/2" material

### PUNCHING

- 7/16" in 3/8", 1 1/4" in 1/8" mild steel
- Punch within 1/2" of leg in channel or angle
- Rounds, squares, rectangles, keyholes and others
- Punch any shape within 1-7/8" circle

## Specifications

## DP-24-X

Rated Capacity	25 Tons
Throat Depth	24"
Shut Height	7" (Open)
Stroke	2"
Way System	Cast Iron (Meehanite) Replaceable
Motor	3 hp, 3450 rpm 240V, 3 Phase
Electrics	208-240 VAC, 3 Ph 60 Hz
Controls (115VAC)	Double foot switch with guard and 6' line
Pump	3 GPM, 2500 p.s.i., 7 gal res., 3 position 4 way valve, 2 speed pump
Cylinder	4 inch rod, 6" dia.
Cycle Time	20 Per Minute (full stroke, round trip, no load)
Height overall	70"
Depth	35"
Width	29"
Weight	1000 lbs

## Options

- Gage table - Adjusts from any angle from 90 to 45 and features a "quick lock" mechanism.



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Founded in 1902, Kidder is the world's leading manufacturer of notching machines, combination presses, universal presses, brakes, and all associated tooling.



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