

Heavy Duty Hydraulic Notcher 43BMP-S

Performance

The 43BMP-S may be used for notching, shearing, squaring in box, blanks or chassis work. Because of the 7 inch throat depth, full corner notches are possible even in 1/8" mild steel.

In addition to mild steel this machine cuts stainless (with High Carbon High Chrome blades) aluminum, copper, brass, plastics, rubber, vinyl, etc.

Set up time is virtually nil and gages are fastened with only one Allen head set screw. For convenience, there are inch and metric scales in the gage plate aiding part set up. A minimum of training and orientation is required for use.

Notches larger than 90° or deeper than 5 inches can be made in 2 or more cuts.

EMP-II Hydraulic System

The EMP-II is a sophisticated, compact, lightweight, very powerful, electro hydraulic power system. It consists of a power unit, cylinder, hoses and a foot switch. All component parts are carefully matched to assure continuing trouble free operation. Because of its efficient design the EMP II plugs into any properly fused 115VAC outlet – no need for special wiring.

When compared to mechanical presses, hydraulically driven machines are quieter, last longer, have fewer parts and deliver more force over the entire stroke.

In case of jamming or over capacity an externally accessible pressure relief valve automatically spills excess hydraulic fluid into the reservoir.

Jog Feature

Cycling the 43BMP-S is under complete and safe foot control at all times. Action may be stopped at any point and jogged either up or down. Blade and work alignments are easy.

Blades

Over 100 years of Kidder know how have developed blade configurations that yield clean, accurate cuts using half the power normally called for. Kidder blades have not only front - to - back shear but also side rake. This means better all around cutting capacity - even in stainless steel.

On the 43BMP-S the upper blades are reversible for either pierce or splay cutting. In splay cutting the shearing action begins at the outside edge or the blank. When pierce cutting, shearing originates at the apex or in the body of the blank, making possible coping cuts. (See illustrations, back side of page).



- Cuts 5" x 5" notch in 11 gauge hot rolled mild steel or 14 gauge stainless
- Extra deep throat for full corner notch
- Smooth, quiet hydraulic power
- Safe jog type foot control
- Fully guarded around blades
- EMP II Hydraulic system – provides superb performance on 115VAC



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Users

The 43BMP-S is a favorite of welding shops, metal fabricators, electronics houses, maintenance shops, sheet metal fabricators, schools, production shops, etc.

It is easy to use, fast to set up and rugged enough for 1/8" steel.

Standard Equipment

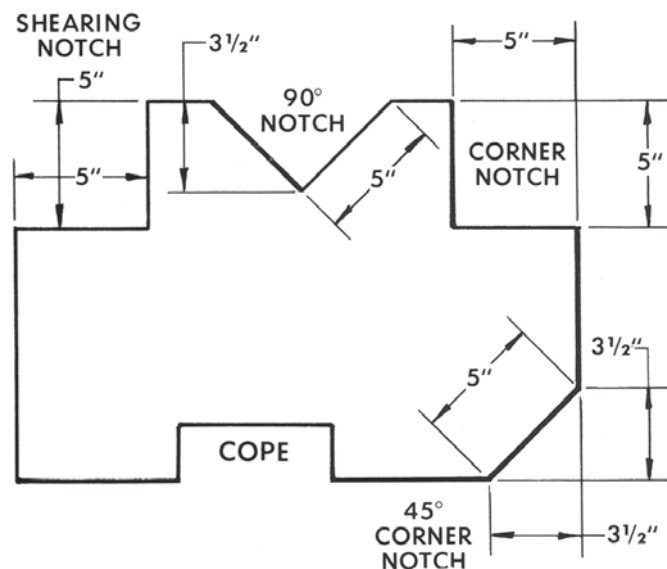
Machine is shipped set up, ready to go. Some standard Features:

- Hardened alloy tool steel blades
- Gage Plate (table)
- 2 – Gauges (45° mitre on one end)
- 2 – Scales in inch and metric
- Angle Iron Stand
- EMP II Hydraulic system

Options

- High Carbon High Chrome blades (Recommended for Stainless Steel)
- 43B Bench mounted hand operated machine
- Two stage hydraulic pump that allow for 3 second cycle times

Examples of single stroke cuts possible with the Kidder 43B (hand operated) or 43BMP-S. Larger blanks can be removed by making multiple cuts.



Note: Minimum length of cope determined by thickness of material. Coping is done in two strokes, turning blank.

Specifications

43BMP-S

Capacity in hot rolled mild steel	11 Gauge
Capacity in stainless steel *	14 Gauge
Maximum notch in one cut	5" x 5"
Throat depth	7 inches
Height (overall)	52 inches
Width	18 inches
Depth	26 inches
Gage size	6-1/4" x 2"
Table size	12" x 18"
Blade to apex to front of table	6 inches
Electrics	115 Volt AC 15 Amp, 1 phase
Controls	Double guarded foot switch, Safety interlock
Hydraulics	Kidder EMP II Hydraulic system, 2800 p.s.i operating pressure, 3/4 gallon reservoir
Cycle time	4 Seconds
Shipping weight	300 lbs.

* With High Carbon High Chrome blades



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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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