

MORGAN RUSHWORTH HSW 45 HYDRAULIC STEELWORKER

The HSW 45 is a compact universal hydraulic steelworker with 5 workstations and has been designed for volume production with maximum efficiency. Punching, shearing, cropping and notching can be carried out instantly by pressing the moveable foot pedal. The low power inch mode on each workstation enables correct workpiece positioning and tool alignment. Limit-switches allow accurate adjustment of the stroke length to minimise operational time depending on material thickness. At the angle cutting station, angle iron can be cut on every angle from 45° up to 90°, both internal and external with standard tooling. The machine is supplied with a centralised lubrication system ensuring an easy, simple maintenance programme. Adjustable hold-downs are situated on all work stations to ensure safe and accurate processing of material. A 1M ruled length stop is supplied as standard equipment.

FEATURES

- **PUNCH STATION**
Easy tool change system and swing away stripper with fast manual adjustment ensure a quick setup.
- **ANGLE STATION**
Angle iron can be cut at any angle between 45° and 90°, with either internal or external mitres.
- **SECTION CUTTING STATION**
Cropping of round and square bar is easily performed with the standard blades. Optional blades and hold downs are available to crop special profiles.
- **SHEARING STATION**
Specially designed blade approach angle cuts thin and thick material with minimum distortion.
- **NOTCHING STATION**
This versatile unit is equipped with a rectangular notch unit as standard.

TECHNICAL INFORMATION

MODEL		HSW 45
Punching		
Diameter X Maximum Thickness	mm	22 x 15
Maximum Diameter X Thickness	mm	38 x 8
Stroke Length	mm	50
Throat Depth	mm	220
Largest Hole Diameter - Standard	mm	38
Largest Hole Diameter - Optional	mm	110
Shearing		
Flat Bar - Width X Maximum Thickness	mm	200 x 15
Flat Bar - Maximum Width X Thickness	mm	300 x 12
Angle Flange Trim - Max 45°	mm	80 x 10
Angle Cutting		
90° Cut	mm	100 x 10
45° Mitre (True Int./Ext.)	mm	70 x 6
Section Cutting		
Round/Square	mm	30/25
Channel/Beam - (Optional)	mm	80 x 45
Tee - (Optional)	mm	40 x 5
Notching		
Material Thickness	mm	8
Width - Rectangle	mm	35
Depth - Rectangle	mm	75
Depth - Vee	mm	60
Tube Notch (Optional)		
Maximum Outside Diameter	mm	60
Bending (Optional)		
Bar Bending - Maximum Capacities	mm	100 x 12
Sheet Bending - Maximum Capacities	mm	-
Punching At Notch Station (Optional)		
Throat Depth	mm	85
Maximum Capacity - Diameter X Thickness	mm	18 x 12
Technical Data		
Motor Power	kW	4
Nett Weight	kg	1400
Length	mm	1500
Width	mm	950
Height	mm	1680

OTHER IMAGES

