

## Morgan Rushworth HSW 45 Hydraulic Steelworker

Stock Code: M9001



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 a 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 Specification

MODEL	HSW 45
<b>Punching</b>	
- Dia x Max Thickness mm	22 x 15
- Max Dia x Thickness mm	38 x 8
- Stroke length mm	50
- Throat depth mm	175
- Largest hole dia - standard mm	38
- Largest hole dia - optional mm	110
<b>Shearing</b>	
- Flat bar - width x max thickness mm	200 x 15
- Flat bar - max width x thickness mm	300 x 12
- Angle flange trim - max 45° mm	80 x 10
<b>Angle cutting</b>	
- 90° cut mm	100 x 10
- 45° mitre mm	70 x 6
<b>Section cutting</b>	
- Round / square mm	30 / 25
- Channel / beam - optional mm	80 x 45
- Tee - optional mm	40 x 5
<b>Notching</b>	
- Material thickness mm	8
- Width - rectangle mm	35
- Depth - rectangle mm	75
- Depth - vee mm	60
<b>Tube Notch (Optional)</b>	
- Max outside diameter mm	60
<b>Bending (Optional)</b>	
- Bar bending - max capacities mm	100 x 12
- Sheet bending - max capacities mm	-
<b>Punching at Notch Station (Optional)</b>	
- Throat depth mm	85
- Max capacity - dia x thickness mm	18 x 12
<b>Technical Data</b>	
- Motor power kW	4
- Nett weight kg	1180
- Length mm	1450
- Width mm	590
- Height mm	1620