
MORGAN RUSHWORTH HST 70 HYDRAULIC STEELWORKER

The HST 70 machine is supplied with standard tooling including repetition support tables at punch, shear and notch stations. All five work stations are equipped with easily adjustable hold downs to safely control each operation. Comprehensive safety guards are fitted as standard on all work stations. The HST Range are twin operated machines with the hydraulic system activated by two shielded foot controls, one operating the punch and cylinder, the other operating the shear end cylinder. The shear cylinder provides the power to the three shearing and the notch stations. The system gives accurate power inching at all five work stations and allows the machine to be stopped at any position giving safe and accurate tool setting and work positioning. Centralised lubrication is metered by oneshot system, being only one feature of the low maintenance requirements. A 1M touch and cut ruled length stop and an integrated LED lighting system are 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**
This station provides large capacity angle cutting at 90° and 45°. Angles between 45° and 90° can be achieved by first cutting at 90° and then flange trimming to the required angle in the shearing station.
- **SECTION CUTTING STATION**
The machines are fitted as standard with blades for cutting round and square bars. With extra equipment, the machines are able to cut, in this aperture, channel, joist, T-sections and many other special profiles.
- **NOTCHING STATION**
The notching station is fitted with a table with adjustable back stops allowing repetitive positioning.
- **SHEARING STATION**
The shearing unit is fitted with a simple robust holddown which is adjustable to any thickness of material within the cutting capacity of the machine. The shear feed table with adjustable guides is fitted to allow accurate feeding of materials. The guide can be adjusted to allow mitre cutting up to 45° for flat bars or to trim the flanges of angle.
- **AUTO CROP RULED LENGTH STOP**
Standard 1m stop with automatic shearing bypassing the foot switch for production applications. Can be used on all shear stations. Available in 2m and 3m options.

OPTIONS

- Bar bending attachment
- Cropping blades for channel and other profiles
- Vee notch unit instead of standard rectangular notch unit

TECHNICAL INFORMATION

MODEL		HST 70
Punching		
Diameter X Maximum Thickness	mm	26 x 20
Maximum Diameter X Thickness	mm	57 x 10
Stroke Length	mm	55
Throat Depth	mm	305
Largest Hole Diameter - Standard	mm	38
Largest Hole Diameter - Optional	mm	160
Shearing		
Flat Bar - Width X Maximum Thickness	mm	300 x 20
Flat Bar - Maximum Width X Thickness	mm	375 x 15
Angle Flange Trim - Max 45°	mm	100 x 15
Angle Cutting		
90° Cut	mm	130 x 13
45° Mitre (True Int./Ext.)	mm	70 x 10
Section Cutting		
Round/Square	mm	45
Channel/Beam - (Optional)	mm	120 x 58
Tee - (Optional)	mm	90 x 11
Notching		
Material Thickness	mm	10
Width - Rectangle	mm	45
Depth - Rectangle	mm	90
Depth - Vee	mm	60
Tube Notch (Optional)		
Maximum Outside Diameter	mm	83
Bending (Optional)		
Bar Bending - Maximum Capacities	mm	250 x 13
Sheet Bending - Maximum Capacities	mm	500 x 3
Punching At Notch Station (Optional)		
Throat Depth	mm	125
Maximum Capacity - Diameter X Thickness	mm	38 x 8
Technical Data		
Motor Power	kW	5.5
Nett Weight	kg	1620
Length	mm	1700
Width	mm	710
Height	mm	1800

OTHER IMAGES

