



Compact Steelworkers



# Compact Steelworkers



All steel welded interlocked construction

The machine is supplied with standard equipment and accessories as listed on page 3, suitable for operation on 415v/3Ph/50Hz 3-phase supply

The 'Compact Machines' are **universal multi-purpose** and **compact hydraulic steelworkers** developed for production purposes with **maximum efficiency**

We offer 3 types in this range: COMPACT 50, 65 & 80

All of the Compact machines come with 5 work stations as standard. Punching, Notching, and Shearing from flat bar, angle and round/square section

## Punch Station

The easy tool change system and swingaway stripper with fast manual adjustment assures a quick setup and is designed for a wide range of punching applications

## Section Cutting Station

The machines are fitted as standard with blades for cutting round and square bars. With extra equipment in this aperture, the machines are able to cut channel, beams or joist, T-s

## Angle Station

Cropping angle iron is possible for every angle between 45° and 90°, both internal and external



## Shearing

Specially designed blade approach angle to avoid the necessity to change blade settings when cutting thick or thin material and yet offer minimum distortion cropping

## Notching Station

This versatile station is standard equipped with a rectangular notch unit. The notch table has adjustable back and side stops. Side notch applications are also possible



# Standard Equipment

- 1000mm Ruled Length Stop
- Easy change Punch Holder, Ring, Adaptors
- Swing away Punch Stripper with simple Thumbscrew adjustment
- Universal Die Bolster for the punching of flats, angle and flanges of Channel and I Beam
- Blades for cropping angle
- Blades for cropping round and square
- Blades for shearing flat bar
- Rectangular Notch Punch and Dies
- Punch Support Table c/w Stops
- Notch Support Table c/w Stops
- Shear Support Table and Squaring Guide
- Adjustable Hold Downs for Shear, Angle and Section Stations
- Shielded Foot Pedal Control to both Punch and Shear ends
- Power Inching and Adjustable Stroke
- Remote Foot Pedal Control
- Manual and service tools
- Automatic Overload Relief on Hydraulic System
- Electric I.P. 55 Class T.E.F.C. Motor
- Low volt electrical control circuit
- Comprehensive Safety Guards to all Work Stations
- Complete Service Tool Kit

# Capacities

	50	65	80
<b>Punching</b>			
Punching	23x15	28x15	28x20
Diameter x Thickness (mm)	38x9	38x11	38x14
Stroke Length (mm)	55	55	55
Standard throat depth(mm)	220	220	220
Largest hole -standard equipment	38	38	38
Largest hole Optional	110	110	110
Maximum Section	160	160	160
Working Height	940	940	990
<b>Shearing</b>			
Flat bar - Max thickness(mm)	200x15	200x20	200x20
Flat bar- Max width (mm)	300x13	300x15	300x15
angle flange trim	80x10	80x10	80x10
working height	940	940	990
<b>Angle Cutting</b>			
90 degree cut	100x10	120x12	120x12
45 degree Mitre max 45 degree	70x6	80x8	80x8
Working Height	1140	1140	1190
<b>Section Cutting</b>			
Round/Square	35/30	40/35	40/35
Channel/beam	102x51	102x51	102x51
tee	76x10	76x10	76x10
<b>Notching</b>			
Material thickness	10	10	12
Width - Rectangular	42	42	42
Depth rectangular	90	100	100
depth vee	60	60	60
Angle flange	90x10	100x10	100x12
<b>Corner Notch</b>			
Maximum Capacity	150x3	150x4	150x4
<b>Tube Notch</b>			
Maximum Diameter (mm)	60	60	60
<b>Bending</b>			
Sheet Bending max capacity	150x5	150x5	150x5
Bar bending on the notch end	150x12	150x12	150x12
<b>Punching at the notch station</b>			
Throat Depth	110	110	110
maximum Capacity	18x12	20x12	24x12
<b>Technical Data</b>			
Motor Power (Kw)	3.7Kw	4Kw	5.5Kw
Net weight	1245Kg	1250Kg	1250Kg
Gross weight	1365Kg	1370Kg	1370Kg
Machine dimensions (LxWxH)cm	152x59x170	152x59x170	152x59x170
Packed dimensions (LxWxH)cm	166x77x190	166x77x190	166x77x190

Specifications based on 450N/mm<sup>2</sup> Material tensile strength

Note: technical specifications can be subject to modifications without prior notice.





# Options



Bar Bending Unit



Channel / Beam Web Bolster



Large Hole Attachment



Tooling quick change



## WELDING SUPERSTORE

### Welding Superstore

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Metal Steelworkers



Punching machines



Tools & accessories