

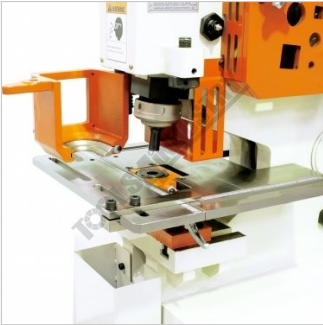
## SUNRISE IW-45M

Hydraulic Punch & Shear - 45 Tonne

Single Hydraulic Cylinder System



## SUNRISE Hydraulic Punch & Shear - 45 Tonne IW-45M



Work Table with Adj. Stops



Flat Bar Shear



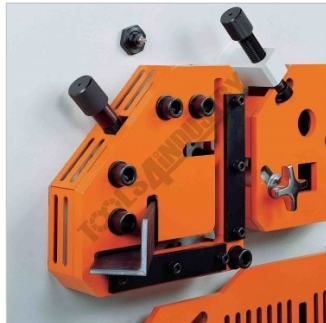
Square Bar Shear



Round Bar Shear



Angle Shear



Angle Shear



Angle Shear



Angle Shear



Angle Shear

### Description

The Sunrise Punch & Shears are manufactured in Taiwan, also known as Ironworkers are well recognised in our Australian market for the machines being reliable & durable due to their structurally well manufactured unique design & engineering excellence. Sunrise is ISO-9001 certified by BVQI, and our products meet the CE safety requirements and regulations. Sunrise relentlessly seeks continuous improvement and product development to keep a step ahead of their competitors.

The hydraulic system & components that drives the shearing beam & punching head is considerably very quiet compared to most other machines and operates efficiently smooth in all modes. The electrical components & DC control circuit are operated at a low 24 volt system & provides full protection & safety with in the separate key locked cabinet.

The Sunrise machines have proven themselves over & over again to provide trouble free service for many years in production and we have references all around Australia to verify our statement.

**SUNRISE Hydraulic Punch & Shear - 45 Tonne IW-45M****Features**

- Punching capacity up to 40mm standard
- Power inching for easy job set up
- Adjustable stroke for faster punching
- Punch table and shear table both fitted with guides as standard
- All work stations guarded
- Most cutting blades are four-sided for long life
- Adjustable length stop with rule
- Four workstations
- Fully-filtered hydraulic system
- Telemecanique electrical components
  
- **FLAT BAR SHEAR**
- Easily adjustable hold-down
- Good visibility to blade line
- Table support with guides
- Angle flange trim/mitre to 45°
- Shaped blade to give minimum distortion
  
- **SOLID BAR SHEAR**
- Adjustable hold-down for cleaner cut
- Single multi-hole hold-down
- Optional equipment for cropping channel, tee and I-beam sections
  
- **ANGLE SHEAR**
- Safety guarding around hold-down
- Easily adjustable hold-down
- Four cutting edges to all blades
- Mitre cut at 45°
  
- Pre-Commissioning:
  1. Punch & Shear is run & tested prior delivery
  2. Hydraulic oil is included with machine

**Includes**

- 6 sets of round punches & dies:
- Punches: 20, 22, 24, 26, 28 & 30mm
- Dies: 20.7, 23.2, 25.2, 27.2, 29.2 & 31.2mm
- Full safety guarding at all workstations
- 1 metre length stop for shear/crop stations
- Tooling to all workstations
- Punch, Shear & Notch support tables

## SUNRISE Hydraulic Punch & Shear - 45 Tonne IW-45M

### Specifications

<b>ORDER CODE</b>	P170
<b>MODEL</b>	IW-45M
<b>Punching Pressure (Tonne)</b>	45
<b>Punching Table Type</b>	Manual with Guides and Adjustable Stops
<b>Punching (Diameter x Thickness) - MS (mm)</b>	Ø22 x 15, Ø40 x 8
<b>Punching Throat Depth (mm)</b>	175
<b>Punching Maximum Stroke Length (mm)</b>	35
<b>Punching Cycles (15mm Stroke) - MS (cpm)</b>	31
<b>Punching Work Table Height (mm)</b>	970
<b>Flat Bar Shear (W x Thickness) - MS (mm)</b>	350 x 8, 180 x 12
<b>Flat Bar Shear - Blade Length - MS (mm)</b>	360
<b>Flat Bar Shear Work Table Height (mm)</b>	970
<b>Angle Shear 90° - MS (mm)</b>	80 x 80 x 8
<b>Angle Shear 45° - MS (mm)</b>	50 x 50 x 6
<b>Angle Flange Trim (mm)</b>	75
<b>Angle Shear Work Table Height (mm)</b>	1120
<b>Round Solid Bar Shear - MS (mm)</b>	Ø25
<b>Square Solid Bar Shear - MS (mm)</b>	25 x 25
<b>Solid Bar Shear Work Table Height (mm)</b>	1190
<b>Notching - Rectangle - MS (mm)</b>	~
<b>Notching Work Table Height (mm)</b>	~
<b>Multi Vee Die Block (mm)</b>	~
<b>Vee Opening Sizes (mm)</b>	~
<b>Max. Tonne Capacity (T)</b>	~
<b>Bending Work Table Height (mm)</b>	~
<b>Motor Power (kW / hp)</b>	3.75 / 5
<b>Voltage / Amperage (V / amp)</b>	415
<b>Nett Weight (kg)</b>	930