



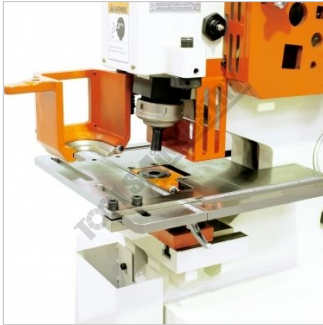
SUNRISE IW-45M

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

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