

Product Brochure For P170

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

Single Hydraulic Cylinder System
 Includes 6 Sets of Round Punches & Dies

Ex GST **Inc GST**
\$10,250.00 **\$11,275.00**



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



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.

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

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- 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

Optional Accessories

- Punch & dies are available in Round, Square, Rectangle & Oblong shapes

Specific Features



Work Table with Adj. Stops



Flat Bar Shear



Square Bar Shear



Round Bar Shear



Angle Shear



Angle Shear



Angle Shear



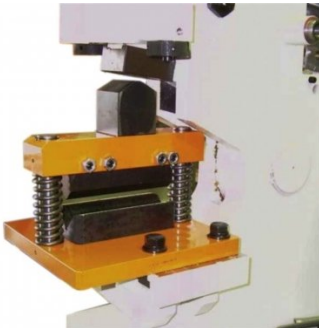
Angle Shear



Angle Shear

Recommended Accessories

P184
 Single-Vee Pressbrake Bending Attachment



P165
 Ø6-26mm Round Punch & Dies Set



P166
 Ø11-40mm Round Punch & Dies Set



P726
 Ø26mm Round Punch - RPN1



P726A
 Ø26.7mm Round Die - RDN1



P6005
 8 x 20mm Slotted Punch



P6006
 8.7 x 20.7mm Slotted Die



P6001
 8 x 8mm Square Punch



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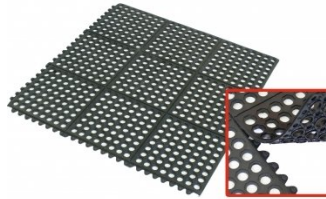
P6002
 8.7 x 8.7mm Square Die



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



O000
 SpillFix Universal Organic Absorbent



O000A
 Natural Zeolite Absorbent



O043
 Rust & Corrosion Preventive - Penetrant & Lubrication



O042
 General Purpose Lubricant & Corrosion Inhibitor



O040
 Rust & Corrosion Preventive - Penetrant & Lubrication



O044
 Rust & Corrosion Preventive - Penetrant & Lubrication



O004
 Superdraulic 46 Hydraulic Oil

