

Sydney: (02) 9890 9111 Brisbane: (07) 3715 2200 Melbourne: (03) 9212 4422 Perth: (08) 9373 9999

sales@machineryhouse.com.au www.machineryhouse.com.au

IW-100SH - Hydraulic Punch & Shear - 100 Tonne

Dual Hydraulic Cylinders with Independent Operating Stations Includes Hydraulic Plate Clamping, Laser Punch Guide, Auto Touch & Cut Systems & 6 Sets Of Round Punches & Dies

Back In Stock Soon

Ex GST

Inc GST

\$29,950.00 \$32,945.00













ORDER CODE:	P176H
MODEL:	IW-100SH
Punching Pressure (Tonne):	100
Punching Table Type:	Manual with Guides and & Adjustable Stops
Punching (Diameter x Thickness) - MS (mm):	Ø28 x 26, Ø50 x 15
Punching Throat Depth (mm):	310
Punching Maximum Stroke Length (mm):	100
Punching Cycles (15mm Stroke) - MS (cpm):	28
Punching Work Table Height (mm):	~
Flat Bar Shear (W x Thickness) - MS (mm):	610 x 16, 400 x 20
Flat Bar Shear - Blade Length - MS (mm):	620
Flat Bar Shear Work Table Height (mm):	~
Angle Shear 90° - MS (mm):	152 x 152 x 15
Angle Shear 45° - MS (mm):	80 x 80 x 10
Angle Flange Trim (mm):	~
Angle Shear Work Table Height (mm):	~
Round Solid Bar Shear - MS (mm):	Ø45
Square Solid Bar Shear - MS (mm):	45 x 45
Solid Bar Shear Work Table Height (mm):	~
Notching - Rectangle - MS (mm):	63.5 x 90 x 12
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):	7.5 / 10
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	3180

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 double cylinder "S/SD" series have two control foot pedals, & separate operations can be safely performed simultaneously without interference. The low pressure setting for tool change provides maximum operation safety. The long punching cylinder stroke & deep throat enable mounting a wide range of special optional equipment. The large punching base with the "T-slot" fixing provide a solid base for securing the punching tooling, as well as a wide range of optional & custom designed tooling.

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

- · Laser punch guide system for easy alignment
- Five work stations, Punching, Notching, Plate Shearing, Angle Iron Shearing and Bar Shearing (all stations are guarded)
- Dual hydraulic cylinders allows simultaneous operation without interference
- Punching capacity up to 50mm standard
- Mitre cutting of angle iron



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Product Brochure For P176H

- Magnetic base halogen lamp
- Hydraulic system is protected with replaceable filter cartridge
- Adjustable stroke for faster punching
- Curved shear blade for minimal job distortion
- Most cutting blades are four-sided for long life
- Punch, shear & notching table fitted with stops & guides as standard
- Two-pedal operation allows two people to work machine to greatly speed up production
- Large punch table with multi-purpose bolster, featuring a removable block for channel and beam flange punching
- Adjustable length stop with one-touch electronic backgauge for greater efficiency in repetitious work
- Includes hydraulic hold down plate clamping
- **PUNCHING**
- Large hole punching up to Ø50mm as standard
- Overhang bolster for punching channel & beam flanges
 Large ruled support table with removable front section for leg down punching in angle or section
 Easily adjustable stripper & safety guard
- Pre-Commissioning:
- Punch & Shear is run & tested prior delivery
 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
- Tooling to all workstations
- Punch, Shear & Notch support tables
- Now with Quick Change Tooling
- 1 metre adjustable "Auto touch length stop" once the material has pushed the micro-switch stop the hydraulic system is activated to shear work piece Hydraulic Hold Down Plate Clamping

Optional Accessories

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

Specific Features



Machine Capabilities



LG-PS - Laser Guide System



Includes large hole punching up to 50mm Diameter



Includes Auto Touch & Cut Length Stop



Includes Hydraulic Holddown for Flat Shear Flat Bar Shear





Angle Shear



Angle Shear



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Angle Shear

Angle Shear

Angle Shear

Round Bar Shear



Square Bar Shear



Notcher



Work Light



Monoblock Design For Rigid Frame Structure





Keyed Punch Ram For Shaped Tool Alignment Solid Punching Base With T-Slot Grooves



Optional Multi Vee Preesbrake



Optional Vee Notcher Punch Side



Optional Channel Shear



Optional Pipe Notcher



Optional Channel Punching Die Holder Optional Goose Neck Die Holder





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Optional Single Vee Pressbrake Attachment



Optional Large Hole Punching



Optional Angle Bending Press



Optional Multi Stop Gauge



Optional Duplicating Table

Recommended Accessories

P163 Laser Guide System P188 Single-Vee Pressbrake Bending Attachment P188A Single-Vee Pressbrake Bending Attachment P187 Multi-Vee Pressbrake Bending Attachment











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Product Brochure For P176H

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

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











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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

