

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

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

Product Brochure For P175A

IW-80SD - Hydraulic Punch & Shear - 80 Tonne

Dual Hydraulic Cylinders with Independent Operating Stations & Deep **Throat Punching Station**

Includes Auto Touch & Cut Systems, Laser Punch Guide & 6 Sets of Round Punches & Dies



SUNRISE

Please Call

| MODEL: Punching Pressure (Tonne): Punching Table Type: Punching (Diameter x Thickness) - MS (mm): Punching Throat Depth (mm): Punching Maximum Stroke Length (mm): | IW-80SD 80 Manual with Guides and & Adjustable Stops Ø26 x 22, Ø50 x 12 510 |
|---|--|
| Punching Table Type: Punching (Diameter x Thickness) - MS (mm): Punching Throat Depth (mm): Punching Maximum Stroke Length | Manual with Guides and & Adjustable Stops Ø26 x 22, Ø50 x 12 510 |
| Punching (Diameter x Thickness) - MS (mm): Punching Throat Depth (mm): Punching Maximum Stroke Length | Adjustable Stops Ø26 x 22, Ø50 x 12 510 |
| (mm): Punching Throat Depth (mm): Punching Maximum Stroke Length | 510 |
| Punching Maximum Stroke Length | |
| | |
| <u> </u> | 100 |
| Punching Cycles (15mm Stroke) - MS (cpm): | 29 |
| Punching Work Table Height (mm): | 1050 |
| Flat Bar Shear (W x Thickness) - MS (mm): | 460 x 15, 300 x 20 |
| Flat Bar Shear - Blade Length - MS (mm): | 465 |
| Flat Bar Shear Work Table Height (mm): | 926 |
| Angle Shear 90º - MS (mm): | 152 x 152 x 13 |
| Angle Shear 45º - MS (mm): | 80 x 80 x 10 |
| Angle Flange Trim (mm): | 100 |
| Angle Shear Work Table Height (mm): | 1165 |
| Round Solid Bar Shear - MS (mm): | Ø45 |
| Square Solid Bar Shear - MS (mm): | 45 x 45 |
| Solid Bar Shear Work Table Height (mm): | 1270 |
| Notching - Rectangle - MS (mm): | 50.8 x 90 x 12 |
| Notching Work Table Height (mm): | 926 |
| 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): | 2880 |

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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- 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
- 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: 1. Punch & Shear is run & tested prior delivery •
- 2. Hydraulic oil is included with machine

Includes

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- .
- 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

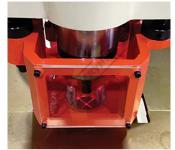
work piece

- **Optional Accessories**
- Punch & dies are available in Round, Square, Rectangle & Oblong shapes ٠

Specific Features



Machine Capabilities



LG-PS - Laser Guide System

Angle Shear





Angle Shear



Includes Auto Touch & Cut Length Stop



Angle Shear



Flat Bar Shear





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Angle Shear



Notcher





Work Light



Solid Punching Base With T-Slot Grooves Optional Single Vee Pressbrake Attachment Optional Multi Vee Preesbrake



Round Bar Shear





Square Bar Shear





Optional Vee Notcher Punch Side



Optional Channel Punching Die Holder



Optional Channel Shear



Optional Hydraulic Holddown for Flat Shear Optional Pipe Notcher



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Optional Goose Neck Die Holder



Optional Large Hole Punching



Optional Angle Bending Press



Optional Multi Stop Gauge



Optional Duplicating Table

Recommended Accessories

P163 Laser Guide System P186 Single-Vee Pressbrake Bending Attachment P189 Multi-Vee Pressbrake Bending Attachment P165 Ø6-26mm Round Punch & Dies Set





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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



M800 Rubber Mat - Anti-Fatigue

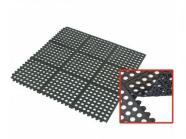








M805 Rubber Mat - Anti-Fatigue





SpillFix Universal Organic Absorbent

O000

O000A Natural Zeolite Absorbent



O043 Rust & Corrosion Preventive -Penetrant & Lubrication





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Product Brochure For P175A

O042

General Purpose Lubricant & Corrosion Inhibitor



O044 Rust & Corrosion Preventive -Penetrant & Lubrication O004 Superdraulic 46 Hydraulic Oil





