

## 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

## Please Call



ORDER CODE:	P175A
MODEL:	IW-80SD
Punching Pressure (Tonne):	80
Punching Table Type:	Manual with Guides and Adjustable Stops
Punching (Diameter x Thickness) - MS (mm):	Ø26 x 22, Ø50 x 12
Punching Throat Depth (mm):	510
Punching Maximum Stroke Length (mm):	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 90° - MS (mm):	152 x 152 x 13
Angle Shear 45° - 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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Angle Shear



Angle Shear



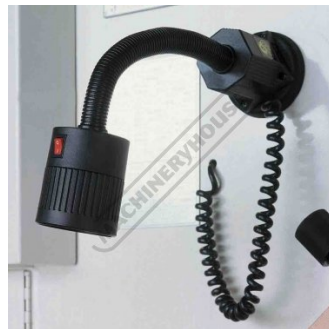
Round Bar Shear



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



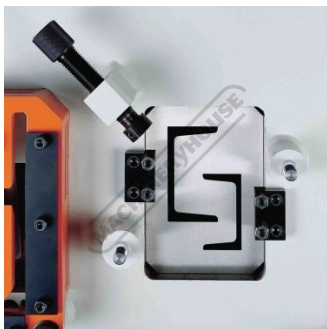
Optional Single Vee Pressbrake Attachment



Optional Multi Vee Pressbrake



Optional Vee Notcher Punch Side



Optional Channel Shear



Optional Hydraulic Holddown for Flat Shear



Optional Pipe Notcher

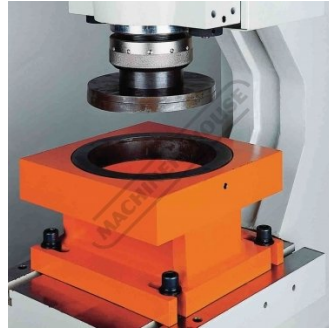


Optional Channel Punching Die Holder

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Optional Goose Neck Die Holder



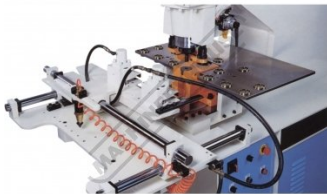
Optional Large Hole Punching



Optional Angle Bending Press



Optional Multi Stop Gauge



Optional Duplicating Table

**Recommended Accessories**

P163

Laser Guide System

P186

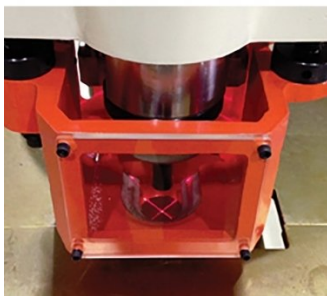
Single-Vee Pressbrake Bending Attachment

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



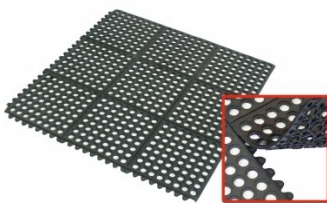
**P6002**  
8.7 x 8.7mm Square Die



**M800**  
Rubber Mat - Anti-Fatigue



**M805**  
Rubber Mat - Anti-Fatigue



**O000**  
SpillFix Universal Organic  
Absorbent



**O000A**  
Natural Zeolite Absorbent



**O043**  
Rust & Corrosion Preventive -  
Penetrant & Lubricant



Product Brochure For P175A

O042

General Purpose Lubricant & Corrosion Inhibitor



O040

Rust & Corrosion Preventive - Penetrant & Lubrication



O044

Rust & Corrosion Preventive - Penetrant & Lubrication



O004

Superdraulic 46 Hydraulic Oil

