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Product Brochure For P178H

Hydraulic Punch & Shear - 165 Tonne - IW-165SDH

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

Ex GST	Inc GST
$62,900.00	$72,335.00



ORDER CODE:	P178H
MODEL:	IW-165SDH
Punching Pressure (Tonne):	165
Punching Table Type:	Manual with Guides and & Adjustable Stops
Punching (Diameter x Thickness) - MS (mm):	Ø37 x 32, Ø50 x 24
Punching Throat Depth (mm):	510
Punching Maximum Stroke Length (mm):	100
Punching Cycles (15mm Stroke) - MS (cpm):	29
Punching Work Table Height (mm):	~
Flat Bar Shear (W x Thickness) - MS (mm):	760 x 20, 400 x 30
Flat Bar Shear - Blade Length - MS (mm):	770
Flat Bar Shear Work Table Height (mm):	~
Angle Shear 90º - MS (mm):	205 x 205 x 20
Angle Shear 45º - MS (mm):	80 x 80 x 10
Angle Flange Trim (mm):	~
Angle Shear Work Table Height (mm):	~
Round Solid Bar Shear - MS (mm):	Ø60
Square Solid Bar Shear - MS (mm):	60 x 60
Solid Bar Shear Work Table Height (mm):	~
Notching - Rectangle - MS (mm):	63.5 x 90 x 16
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):	15 / 20
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	5250

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
- Magnetic base halogen lamp
- Hydraulic system is protected with replaceable filter cartridge

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- 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:
- 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
- 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

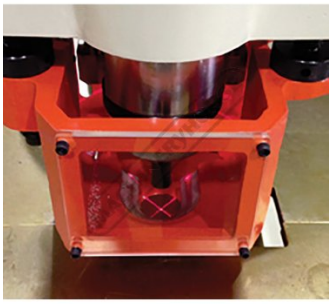
Optional Accessories

- 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


Square Bar Shear


Round Bar Shear

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Angle Shear


Angle Shear


Angle Shear


Angle Shear


Angle Shear


Notcher


Work Light


Monoblock Design For Rigid Frame Structure

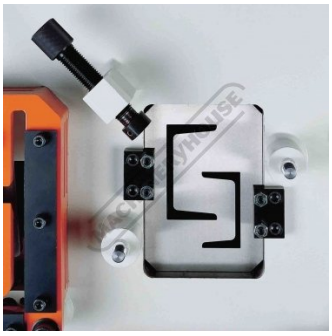

Keyed Punch Ram For Shaped Tool Alignment


Solid Punching Base With T-Slot Grooves


Optional Single Vee Pressbrake Attachment


Optional Multi Vee Preesbrake


Optional Vee Notcher Punch Side


Optional Channel Shear


Optional Pipe Notcher


Optional Channel Punching Die Holder

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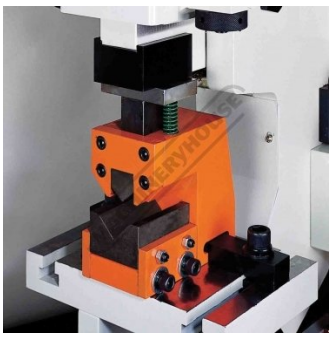
Product Brochure For P178H



Optional Goose Neck Die Holder



Optional Large Hole Punching



Optional Angle Bending Press



Optional Multi Stop Gauge



Optional Duplicating Table

Recommended Accessories

P188
Single-Vee Pressbrake Bending Attachment



P188A
Single-Vee Pressbrake Bending Attachment



P187
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



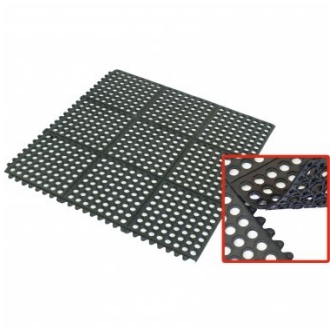
P6002
8.7 x 8.7mm Square Die



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O044
Rust & Corrosion Preventive

