Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

Product Brochure For P174A

Hydraulic Punch & Shear - 60 Tonne - IW-60SD

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:	P174A
MODEL:	IW-60SD
Punching Pressure (Tonne):	60
Punching Table Type:	Manual with Guides and & Adjustable Stops
Punching (Diameter x Thickness) - MS (mm):	Ø22 x 20, Ø50 x 9
Punching Throat Depth (mm):	510
Punching Maximum Stroke Length (mm):	100
Punching Cycles (15mm Stroke) - MS (cpm):	30
Punching Work Table Height (mm):	1010
Flat Bar Shear (W x Thickness) - MS (mm):	350 x 15, 240 x 20
Flat Bar Shear - Blade Length - MS (mm):	360
Flat Bar Shear Work Table Height (mm):	910
Angle Shear 90º - MS (mm):	130 x 130 x 13
Angle Shear 45º - MS (mm):	65 x 65 x 8
Angle Flange Trim (mm):	100
Angle Shear Work Table Height (mm):	1115
Round Solid Bar Shear - MS (mm):	Ø40
Square Solid Bar Shear - MS (mm):	38 x 38
Solid Bar Shear Work Table Height (mm):	1220
Notching - Rectangle - MS (mm):	50.8 x 90 x 9
Notching Work Table Height (mm):	910
Multi Vee Die Block (mm):	~
Vee Opening Sizes (mm):	~
Max. Tonne Capacity (T):	~
Bending Work Table Height (mm):	~
Motor Power (kW / hp):	5.5 / 7.5
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	2380

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

Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

Product Brochure For P174A

- 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

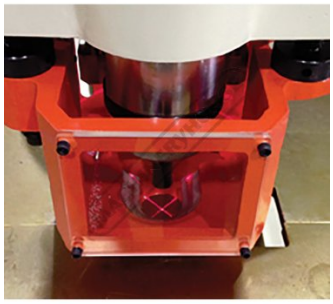
- 6 sets of round punches & dies:
- Punches: 20, 22, 24, 26, 28 & 30mm
- Dies: 20.7, 23.2, 25.2, 27.2, 29.2 & 31.2mm
- Full safety guarding at all workstations
- Tooling to all workstations
- Punch, Shear & Notch support tables
- Now with Quick Change Tooling
- 1 metre adjustable "Auto touch length stop" 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

Specific Features

Machine Capabilities


LG-PS - Laser Guide System

Includes large hole punching up to 50mm Diameter

Includes Auto Touch & Cut Length Stop

Flat Bar Shear

Angle Shear

Angle Shear

Angle Shear

Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

Product Brochure For P174A

Angle Shear

Angle Shear

Round Bar Shear

Square Bar Shear

Notcher

Work Light

Monoblock Design For Rigid Frame Structure

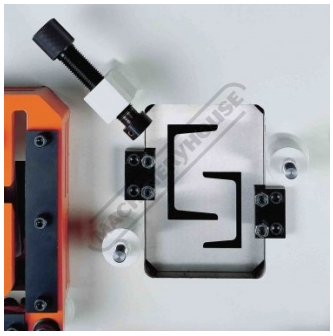
Keyed Punch Ram For Shaped Tool Alignment

Solid Punching Base With T-Slot Grooves

Optional Single Vee Pressbrake Attachment

Optional Multi Vee Preesbrake

Optional Vee Notcher Punch Side



Optional Channel Shear

Optional Hydraulic Holddown for Flat Shear

Optional Pipe Notcher

Optional Channel Punching Die Holder

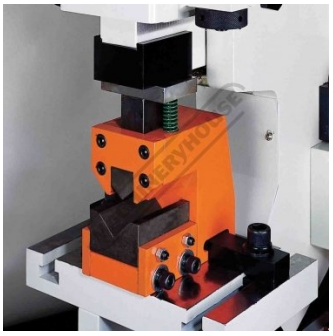
Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

Product Brochure For P174A

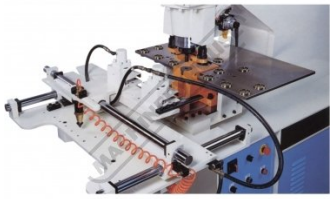
Optional Goose Neck Die Holder

Optional Large Hole Punching



Optional Angle Bending Press

Optional Multi Stop Gauge



Optional Duplicating Table

Recommended Accessories

P186
Single-Vee Pressbrake Bending Attachment

P189
Multi-Vee Pressbrake Bending Attachment

P165
Ø6-26mm Round Punch & Dies Set

P166
Ø11-40mm Round Punch & Dies Set

Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

Product Brochure For P174A

P726
Ø26mm Round Punch - RPN1

P726A
Ø26.7mm Round Die - RDN1

P6005
8 x 20mm Slotted Punch

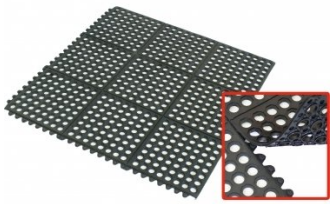
P6006
8.7 x 20.7mm Slotted Die

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