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Product Brochure For XXPU66

# Hydraulic Punch & Shear - 100 Tonne - IW-100S

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




| | |
|---|---|
| ORDER CODE: | XXPU66 |
| MODEL: | IW-100S |
| Branch Location (State): | Melbourne |
| Type: | Hydraulic Punch & Shear |
| Brand: | SUNRISE |
| Capacity: | 100 Tonne |
| Speed Range (rpm): | ~ |
| Motor Power (kW / hp): | 7.5 / 10 |
| Voltage / Amperage (V / amp): | 415 |

## 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
- 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

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- 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

- 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



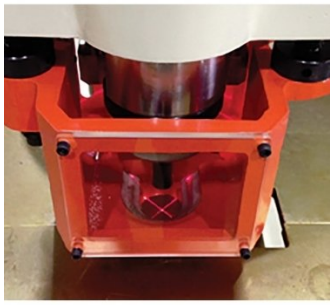
Image 2



Image 3

## 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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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



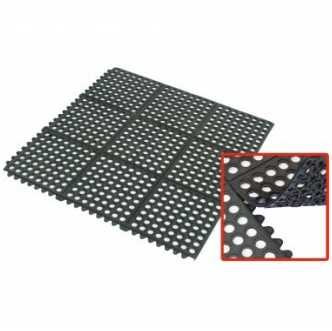
P6002
8.7 x 8.7mm Square Die



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O000
SpillFix Universal Organic Absorbent




O043
Rust & Corrosion Preventive



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## O042
General Purpose Lubricant & Corrosion Inhibitor




## O040
Rust & Corrosion Preventive




## O044
Rust & Corrosion Preventive




## O004
Superdraulic ISO 46  Hi Temp Hydraulic Oil

