



SUNRISE IW-45K

Hydraulic Punch & Shear - 45 Tonne

Single Hydraulic Cylinder System



SUNRISE Hydraulic Punch & Shear - 45 Tonne IW-45K

Includes Auto Touch & Cut
Length Stop

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 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

- Punching capacity up to 40mm standard
- Power inching for easy job set up
- Adjustable stroke for faster punching
- Punch table and shear table both fitted with guides as standard
- All work stations guarded
- Most cutting blades are four-sided for long life
- Adjustable length stop with rule
- Five work stations, including notcher
- Fully-filtered hydraulic system
- Telemecanique electrical components

- **FLAT BAR SHEAR**
- Easily adjustable hold-down
- Good visibility to blade line
- Table support with guides
- Angle flange trim/mitre to 45°
- Shaped blade to give minimum distortion

- **SOLID BAR SHEAR**
- Adjustable hold-down for cleaner cut
- Single multi-hole hold-down

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- Optional equipment for cropping channel, tee and I-beam sections
- ANGLE SHEAR
 - Safety guarding around hold-down
 - Easily adjustable hold-down
 - Four cutting edges to all blades
 - Mitre cut at 45°
- NOTCHING SHEAR
 - Ideal for notching of flat bars and angles
 - Electrically interlocked safety guard for maximum safety and visibility
 - Gauging table included with stops for precise positioning
- 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
- 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

Specifications

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| ORDER CODE | P171 |
| MODEL | IW-45K |
| Punching Pressure (Tonne) | 45 |
| Punching Table Type | Manual with Guides and Adjustable Stops |
| Punching (Diameter x Thickness) - MS (mm) | Ø22 x 15, Ø40 x 8 |
| Punching Throat Depth (mm) | 165 |
| Punching Maximum Stroke Length (mm) | 30 |
| Punching Cycles (15mm Stroke) - MS (cpm) | 37 |
| Punching Work Table Height (mm) | 1050 |
| Flat Bar Shear (W x Thickness) - MS (mm) | 300 x 10 |
| Flat Bar Shear - Blade Length - MS (mm) | 310 |
| Flat Bar Shear Work Table Height (mm) | 800 |
| Angle Shear 90° - MS (mm) | 75 x 75 x 6 |
| Angle Shear 45° - MS (mm) | ~ |
| Angle Flange Trim (mm) | ~ |
| Angle Shear Work Table Height (mm) | 1000 |
| Round Solid Bar Shear - MS (mm) | Ø30 |
| Square Solid Bar Shear - MS (mm) | 25 x 25 |
| Solid Bar Shear Work Table Height (mm) | ~ |

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| Notching - Rectangle - MS (mm) | 50.8 x 90 x 7 |
| Notching Work Table Height (mm) | 1050 |
| Multi Vee Die Block (mm) | ~ |
| Vee Opening Sizes (mm) | ~ |
| Max. Tonne Capacity (T) | ~ |
| Bending Work Table Height (mm) | ~ |
| Motor Power (kW / hp) | 3.75 / 5 |
| Voltage / Amperage (V / amp) | 415 |
| Nett Weight (kg) | 940 |