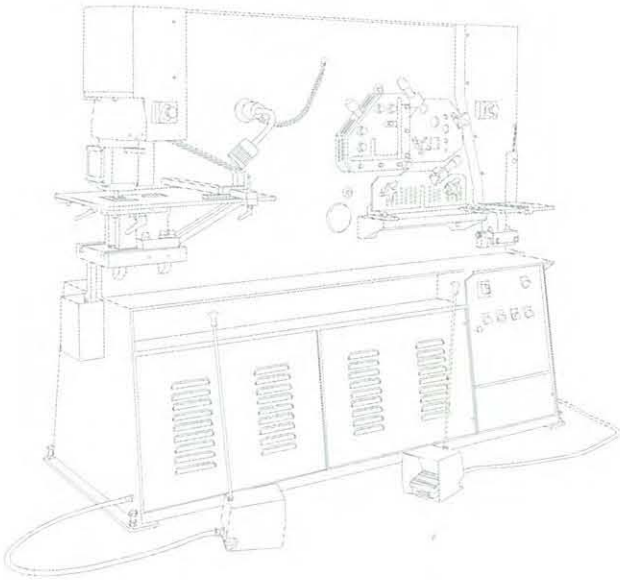




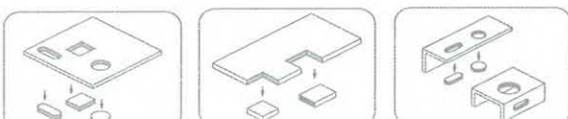
HYDRAULIC IRONWORKERS & PUNCHING MACHINES



**Multi-Function
Excellent Quality
Economical Investment**



IW-66S



Introduction

Sunrise Hydraulic Ironworkers are designed with multiple functions to save labor, time, energy and cost. This versatility aspect allows the Sunrise Ironworkers to meet the diversified needs of the metal fabricating industry.

Maximum efficiency and long life is guaranteed by using the latest manufacturing methods, including powerful CAD design, modern production line with CNC equipment, and continuous quality control.

Each work station is equipped with specially designed hold-downs to ensure safety while providing precision and ease of use. These ironworkers are the most economical and efficient machines in the industry for the manufacturing of metal products.

Key features on the dual cylinder models:

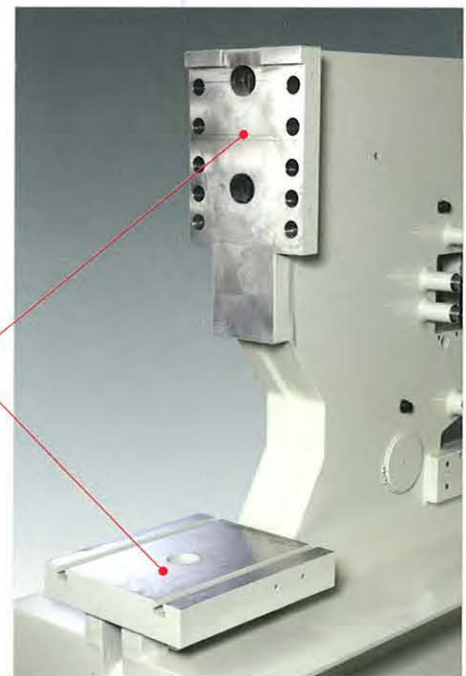
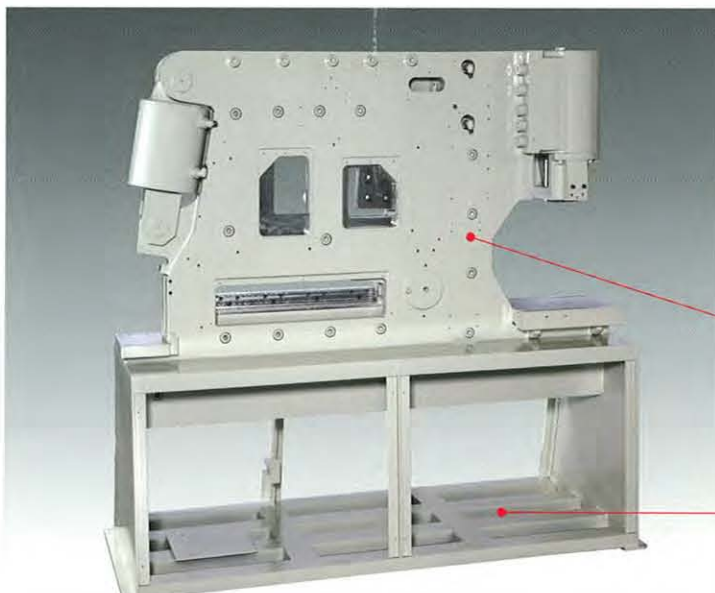
The dual cylinder models feature a separate double acting cylinder for independent operation from shearing stations.

Cylinder ram with flat surface for rigid guiding and to ensure proper alignment of tool.

Keyed punch ram to ensure alignment of shaped tooling.

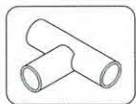
The punching station features a large cylinder mounting plate to ensure maximum cylinder support under heavy load. The punching base is one solid plate with T-slot grooves for universal tool fixture.

The cylinder ram is guided at three positions to provide extra support and absorb side-load forces for added protection of cylinder seals.

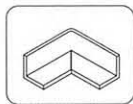


The frame of the machine is a monoblock construction that integrates both bolts and welding reinforcement to provide maximum frame structure rigidity.

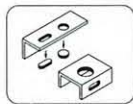
The base of the machine is made from welded channel in a grid pattern for a rigid machine foundation.



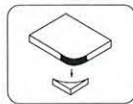
*Pipe Notching



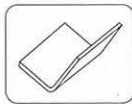
*Angle Bending



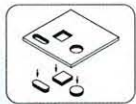
Punching



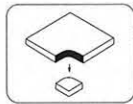
*Rounding off
Corners



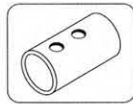
*Press Brake



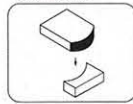
Punching



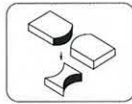
*Radius Corners



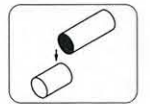
*Pipe Punching



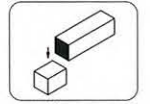
*Cutting and
Rounding off



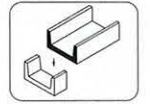
*Bilateral
Rounding off



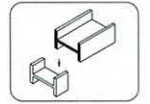
Round Bar Shear



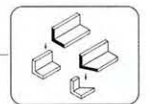
Square Bar Shear



*Channel Shear



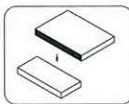
*I Beam Shear



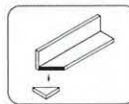
Angle Shear



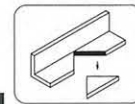
IW-135S



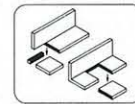
Flat Bar Shear



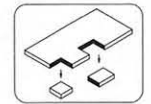
Angle Miter Shear



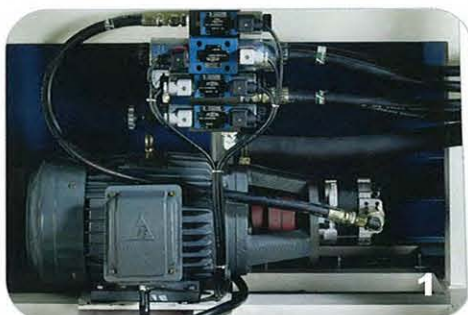
*Vee Notching



Notching



Notching



1. The use of name-brand hydraulic components ensure excellent reliability of the hydraulic system.

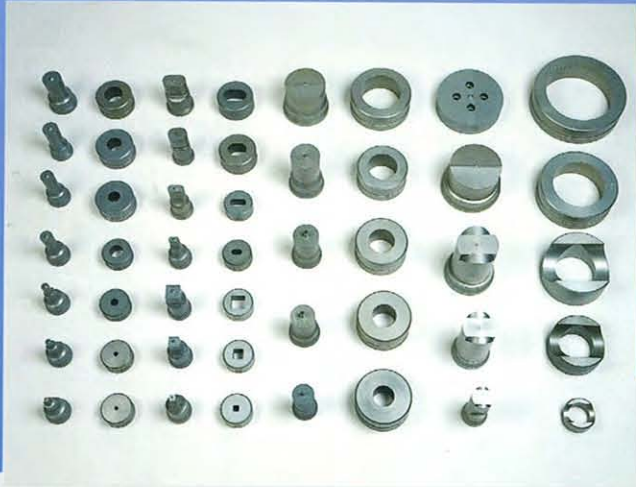
2. Electric cabinet with low 24 volt DC control circuit provides full protection and safety.

* : Optional tooling

Sunrise Ironworker

Punching Station

- A full range of punches and dies are available for various punching needs.
- Quick change retaining nut system for fast punch tooling change.
- Thoughtfully designed stripper for visibility, safety and ease of use.
- A large 2-piece table with scales in inches and gauging stops is standard on all models.
- Stripper with interchangeable plates of various openings to minimize deformation is standard on all models.
- Optional hydraulic stripper is available on dual-cylinder ironworkers and all punching machines.



*Punches and dies are sold separately.



Standard overhung die holder for punching channel flanges and angles. (optional on single cylinder models)



Single hole die holder for punching channel webs. (optional on double cylinder models)



*Goose-neck die holder for punching channel flanges and webs.



*Urethane spring stripper for minimal deformation.



*Pipe notcher.

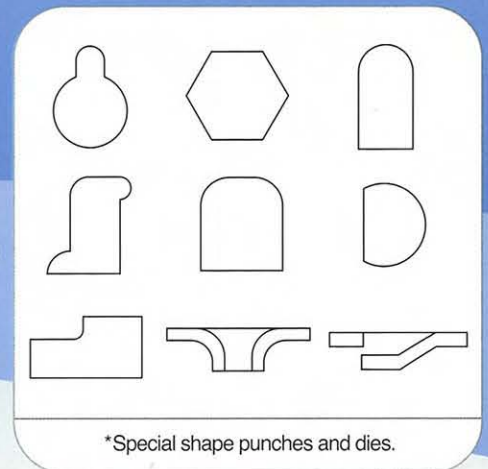


*Oversize punch attachment

FEATURES



*Multi-stop gauge table. (S/SD/KD and PM models only)



*Special shape punches and dies.



*Single vee press brake.



*Multi vee press brake.



*Large vee-notcher. (punch side)



*Angle bending press.



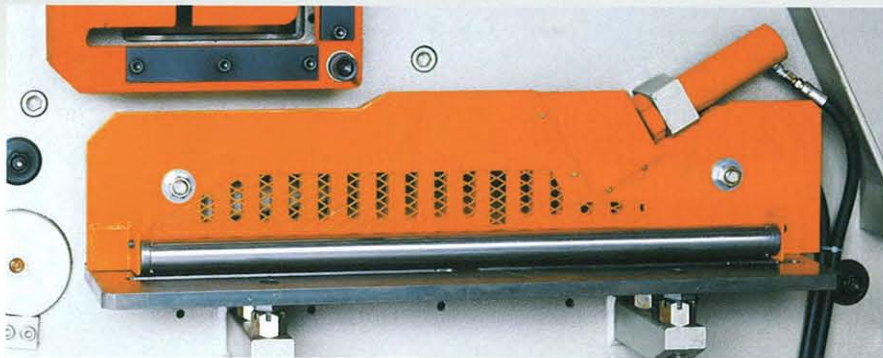
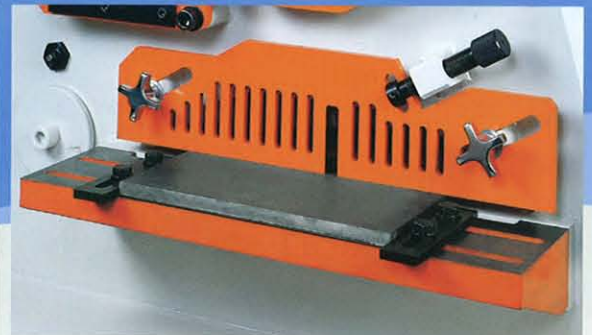
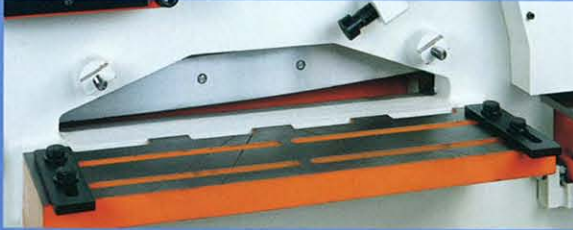
* Optional semi-automatic CNC tables
(IW-SD/KD and PM-LT/XT only)



Sunrise Ironworker

Flat Bar Shearing Station

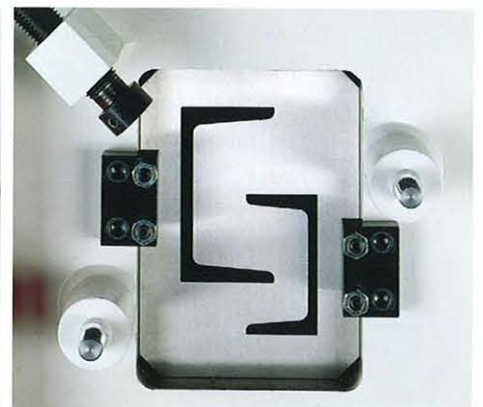
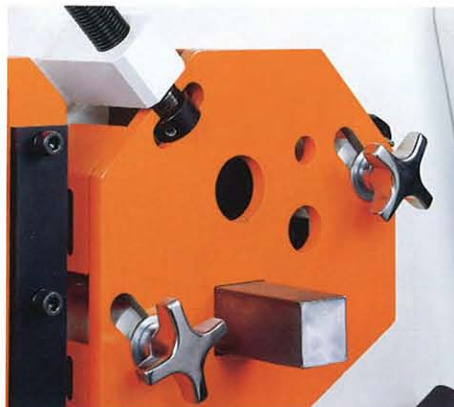
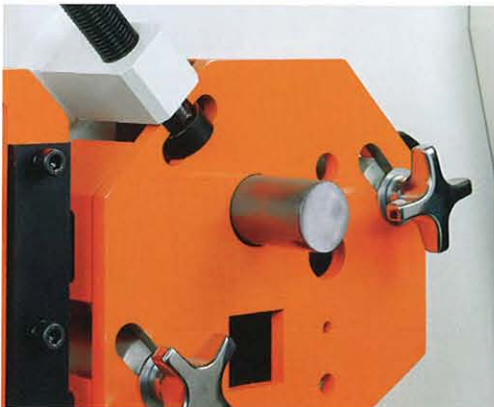
- Specially machined upper blade to give a clean shear with minimum distortion.
- Lower blade has four usable cutting edges.
- Variable degree miter-cutting on angle flange.
- Easily adjustable hold-down.
- Support table with guides for accurate positioning.



*Optional hydraulic hold-down for double cylinder ironworkers.

Bar Shearing Station

- One hold-down for various sizes of square bar shearing and round bar shearing.
- Optional channel and section bar shear tooling is available for most models. (See specification chart for details)



*Channel blades (optional).

Angle Shearing Station

- Single shear with no material loss and minimal deformation.
- 45° miter-cut is easy and clean.
- Stationary blades with four usable cutting edges.
- Selectable corner radii on moving blades for optimum results on small or large angles.



Notching Station

- Ideal for notching of flat bars and angles.
- Electrically interlocked safety guard for maximum safety and visibility.
- Gauging table with stops for precise positioning.



*Optional.



Other Features

1. Three limit switches enable setting of short notch stroke to improve efficiency. (on IW-55A, IW-66H and S/SD models)
2. Magnetic base work light for safer operation. (optional on IW-50M)
3. 40" electric backgauge for higher efficiency in repetitious work.



1



2



3

* Optional on IW-50M, IW55A, IW-66H.



The IW-50M has four standard stations, capable of a wide range of applications. The punching station can be converted into a notching station. IW-50M is heavier and stronger than other competitive machines. This durable and economical model is perfect for small shops with a limited budget.



IW-50M



IW-55A



IW-66H



The IW-55A features a vertical moving ram at the punching station which improves the punching result and enables use of optional tooling such as pipe notching and press braking tool. The square/round bar shear is a stand-alone station with the possibility of optional channel shear and section bar shear tooling. This model also features lower angle shearing and bar shearing stations.

The IW-66H features the "Z" shape aperture at the angle shear station, which makes this model capable of doing both the internal and external miter shear on angles. The round/square bar shearing on this model is a stand-alone station that has large shearing capability.

SINGLE CYLINDER IRONWORKERS

Capacities and Specifications

Unit: Inch

MODEL	IW-50M	IW-55A	IW-66H
PUNCHING			
Punching Pressure	50 Ton	55 Ton	66 Ton
Punch Capacity (Diameter x Thickness)	$\phi 3/4 \times 5/8$ $\phi 1 1/2 \times 5/16$	$\phi 7/8 \times 5/8$ $\phi 1 1/2 \times 3/8$	$\phi 1 \times 5/8$ $\phi 1 1/2 \times 7/16$
Throat Depth	7	7	8 ^{5/8}
Maximum Stroke Length	13 ⁸ / ₈	15 ⁸ / ₈	21 ⁸ / ₈
Cycles / Min. (1/2" stroke)	31	24	29
Working Height Up to Die	38 ¹ / ₄	33	39 ¹ / ₂
ANGLE SHEARING			
At 90° Shearing	3 x 3 x 5 ⁵ / ₁₆	4 x 4 x 3 ⁸ / ₈	4 x 4 x 1 ² / ₂
At 45° Miter Shearing	2 x 2 x 1 ⁴ / ₄	2 ¹ / ₂ x 2 ¹ / ₂ x 5 ⁵ / ₁₆	3 x 3 x 5 ⁵ / ₁₆
Working Height	44	33 ¹ / ₂	48 ¹ / ₂
FLAT SHEARING			
Flat Bar Shear (Width x Thickness)	14 x 5 ⁵ / ₁₆ 7 x 1 ² / ₂	12 x 1 ² / ₂ 8 x 5 ⁸ / ₈	14 x 5 ⁸ / ₈ 8 x 3 ⁴ / ₄
Blade Length	14 ¹ / ₄	12 ¹ / ₄	14 ¹ / ₄
Angle Flange Trim	3	4	4
Working Height	38 ¹ / ₄	45 ¹ / ₄	39 ¹ / ₂
BAR SHEARING			
Round Bar Shear	$\phi 1$	$\phi 1 1/4$	$\phi 1 1/2$
Square Bar Shear	1 x 1	1 ¹ / ₈ x 1 ¹ / ₈	1 ¹ / ₂ x 1 ¹ / ₂
Channel Shear	---	3*	4*
I Beam Shear	---	3*	4*
Working Height	47	34 ¹ / ₂	49 ¹ / ₂
NOTCHING			
Rectangular Notcher (W x D x T)	2 x 3 ¹ / ₂ x 1 ⁴ / ₄ **	2 x 3 ¹ / ₂ x 1 ⁴ / ₄	2 x 3 ¹ / ₂ x 5 ⁵ / ₁₆
Vee-Notcher (Side x Side x T)	3 ¹ / ₂ x 3 ¹ / ₂ x 5 ⁵ / ₁₆ **	3 ¹ / ₂ x 3 ¹ / ₂ x 5 ⁵ / ₁₆ *	3 ¹ / ₂ x 3 ¹ / ₂ x 5 ⁵ / ₁₆ *
Working Height	---	41 ¹ / ₄	39 ¹ / ₂
SPECIAL TOOLING			
Single Vee Press Brake (W x T)	6 x 1 ⁴ / ₄ *	6 x 3 ⁸ / ₈ *	6 x 5 ⁵ / ₁₆ *
Multi Vee Press Brake (W x T)	---	10 x 1 ⁴ / ₄ *	---
Angle Bending	2 ¹ / ₂ x 5 ⁵ / ₁₆ *	2 ¹ / ₂ x 5 ⁵ / ₁₆ *	2 ¹ / ₂ x 3 ⁸ / ₈ *
Pipe Notching	---	$\phi 2 1/2$ *	---
OTHER			
Electric Power (HP)	5 HP	5 HP	7.5 HP
Net Weight (Apr.)	1850 lb	2500 lb	3325 lb
Gross Weight (Apr.)	2075 lb	2775 lb	3650 lb
Machine Dimension (Apr.)(LxWxH)	50 x 28 x 53	52 x 31 x 57	57 x 31 x 62
Packing Dimension (Apr.)(LxWxH)	61 x 34 x 64	63 x 37 x 68	68 x 37 x 73

* : Optional Tooling

** : On IW-50M the notcher is optional tooling to be installed at the punching station.

Note: Based on mild steel material strength of 65,000 PSI tensile.

Design and specifications subject to change without notice.

A 1-hole die holder and a 2-piece gauging table are provided as standard equipment on all single cylinder models.



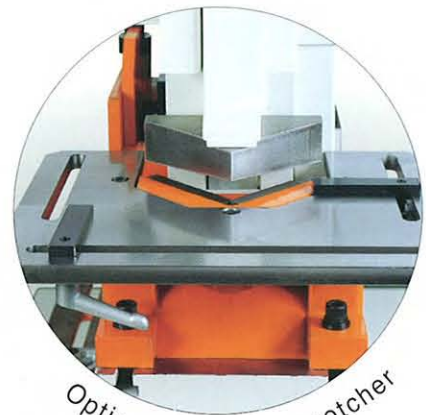
The all new K-series is a specially designed compact ironworker with vertical movements at all stations. The entire main slide moves in a straight up and down motion to provide the optimum results for punching, shearing, notching, and bending. Optional hydraulic hold-down and urethane spring stripper are also available for the best performance. The very fast cylinder stroke greatly improves the efficiency. This model incorporates versatility, efficiency, accuracy, and ease of use at an excellent price.



IW-50K



IW-95KD



Optional triangular notcher

K - SERIES IRONWORKERS

Capacities and Specifications

Unit: Inch



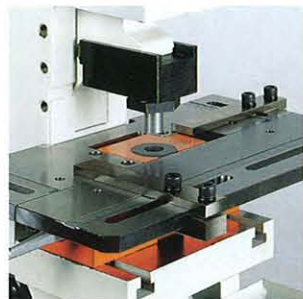
Hydraulic hold-down.(optional on IW-50K)



Channel notching on IW-95KD.



*Urethane spring stripper.



*Punching tool on notching station.

MODEL	IW-50K	IW-66K	IW-95KD
PUNCHING			
Punching Pressure	50 Ton	66 Ton	95 Ton
Punch Capacity (Diameter x Thickness)	$\phi 3/4 \times 5/8$ $\phi 1 1/2 \times 5/16$	$\phi 7/8 \times 3/4$ $\phi 1 1/2 \times 7/16$	$\phi 1 \times 7/8$ $\phi 2 \times 1/2$
Throat Depth	6 1/2	7 7/8	16 1/8
Channel Flange Punch (Height)	--	--	3~7
Maximum Stroke Length	11/8	1 1/2	4
Cycles / Min. (1/2" stroke)	37	34	38
Working Height Up to Die	41 1/2	41 1/4	41 1/4
ANGLE SHEARING			
Shearing Capacity	50 Ton	66 Ton	120 Ton
Shearing Cylinder Stroke Length	--	--	2
At 90° Shearing	3 x 3 x 1/4	4 x 4 x 5/16	5 x 5 x 1/2
Working Height	39 1/2	42	41
FLAT SHEARING			
Flat Bar Shear	12 x 3/8	14 x 5/8	16 x 3/4
Blade Length	12 1/4	14 1/4	16 1/8
Working Height	31 1/2	31 3/4	28 1/2
BAR SHEARING			
Round Bar Shear	$\phi 1 1/8$	$\phi 1 1/2$	$\phi 1 3/4$
Square Bar Shear	1 x 1	1 1/2 x 1 1/2	1 3/4 x 1 3/4
Channel Shear	3*	4*	6*
I Beam Shear	3*	4*	6*
NOTCHING			
Rectangular Notcher (W x D x T)	2 x 3 1/2 x 1/4	2 x 3 1/2 x 5/16	2 1/2 x 3 1/2 x 1/2
Vee-Notcher (Side x Side x T)	3 1/2 x 3 1/2 x 5/16*	3 1/2 x 3 1/2 x 5/16*	4 x 4 x 1/2*
Channel Notching	--	--	7~8
Working Height	41 1/4	41 1/4	41 1/4
SPECIAL TOOLING			
Large Vee-Notcher (Side x Side x T)	--	--	5 3/4 x 5 3/4 x 3/8*
Single Vee Press Brake (W x T)	6 x 5/16*	6 x 5/16*	10 x 9/16*
Multi Vee Press Brake (W x T)	10 x 1/8*	10 x 1/4*	20 x 3/16*
Angle Bending	2 1/2 x 5/16*	2 1/2 x 5/16*	4 x 5/16*
Pipe Notching	$\phi 2 1/2$ *	$\phi 2 1/2$ *	$\phi 4 1/2$ *
OTHER			
Electric Power (HP)	5 HP	7.5 HP	10 HP
Net Weight (Apr.)	1875 lb	2625 lb	6075 lb
Gross Weight (Apr.)	2100 lb	2925 lb	6400 lb
Machine Dimension (Apr.)	41 x 30 x 59	47 x 30 x 64	71 x 41 x 74
Packing Dimension (Apr.)	52 x 37 x 70	57 x 36 x 75	85 x 47 x 86

* : Optional Tooling

Note: Based on low carbon / mild steel material strength of 65,000 PSI tensile.
Design and specifications subject to change without notice.



"S/SD" SERIES

Double Cylinder Models

The double cylinder "S/SD" series are in the Sunrise tradition of well engineered ironworkers built for high power, quality, and reliability. These ironworkers have two control foot pedals, and 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 and deep throat enable mounting a wide range of special equipment. The large punching base with the "T-slot" mounting provide a solid base for securing the punching tooling, as well as a wide range of optional and custom designed tooling.



IW-110SD

DUAL CYLINDER IRONWORKERS

Capacities and Specifications

Unit: Inch

MODEL	IW-66S IW-66SD	IW-88S IW-88SD	IW-110S IW-110SD	IW-135S IW-135SD	IW-180SD
PUNCHING					
Punching Pressure	66 Ton	88 Ton	110 Ton	135 Ton	180 Ton
Punch Capacity (Diameter x Thickness)	$\varnothing 7/8 \times 3/4$ $\varnothing 2 \times 5/16$	$\varnothing 1 \times 7/8$ $\varnothing 2 \times 1/2$	$\varnothing 1 1/8 \times 1$ $\varnothing 2 \times 9/16$	$\varnothing 1 1/4 \times 1 1/16$ $\varnothing 2 \times 1 1/16$	$\varnothing 1 7/16 \times 1 1/4$ $\varnothing 2 \times 7/8$
Throat Depth	S: 12 SD: 20	12 20	12 20	12 20	--- 20
Channel Flange Punch (Height)	7	7	7	7	7
Maximum Stroke Length	4	4	4	4	4
Cycles / Min. (3/4" stroke)	30	29	28	28	29
Working Height Up to Die	39 3/4	41 1/4	41	42	41 1/4
ANGLE SHEARING					
At 90° Shearing	5 x 5 x 1/2	6 x 6 x 1/2	6 x 6 x 9/16	6 x 6 x 11/16	8 x 8 x 3/4
At 45° Miter Shearing	2 1/2 x 2 1/2 x 5/16	3 x 3 x 3/8	3 x 3 x 3/8	3 x 3 x 3/8	3 x 3 x 3/8
Working Height	43 3/4	45 3/4	47 7/8	46 1/2	46 1/2
FLAT SHEARING					
Flat Bar Shear (Width x Thickness)	14 x 9/16 10 x 3/4	18 x 9/16 12 x 7/8	24 x 5/8 16 x 3/4	24 x 11/16 16 x 1	30 x 3/4 16 x 11/8
Blade Length	14 1/4	18 1/4	24 3/8	24 3/8	30 1/4
Angle Flange Trim	4	4	4	4	43/4
Working Height	36	36 1/2	37 1/2	36	36
BAR SHEARING					
Round Bar Shear	$\varnothing 1 1/2$	$\varnothing 1 3/4$	$\varnothing 1 3/4$	$\varnothing 2$	$\varnothing 2 1/4$
Square Bar Shear	1 1/2 x 1 1/2	1 3/4 x 1 3/4	1 3/4 x 1 3/4	2 x 2	2 1/4 x 2 1/4
Channel Shear	5*	6*	6*	7*	8*
I Beam Shear	5*	6*	6*	7*	8*
Working Height	48	50	52 1/2	51 1/2	54
NOTCHING					
Rectangular Notcher (W x D x T)	2 x 3 1/2 x 3/8	2 x 3 1/2 x 1/2	2 1/2 x 3 1/2 x 1/2	2 1/2 x 3 1/2 x 1/2	2 1/2 x 3 1/2 x 5/8
Vee-Notcher (Side x Side x T)	3 1/2 x 3 1/2 x 3/8*	3 1/2 x 3 1/2 x 1/2*	4 x 4 x 1/2*	4 x 4 x 1/2*	4 x 4 x 5/8*
Working Height	35 3/4	36 1/2	37 1/2	36 1/4	36 1/4
SPECIAL TOOLING					
Large Vee-Notcher (Side x Side x T)	5 3/4 x 5 3/4 x 5/16*	5 3/4 x 5 3/4 x 3/8*	5 3/4 x 5 3/4 x 1/2*	5 3/4 x 5 3/4 x 1/2*	5 3/4 x 5 3/4 x 1/2*
Single Vee Press Brake (W x T)	10 x 9/16*	10 x 9/16*	10 x 3/4*	10 x 3/4*	10 x 3/4*
Multi Vee Press Brake (W x T)	20 x 3/16*	20 x 3/16*	27 1/2 x 3/16*	27 1/2 x 3/16*	27 1/2 x 3/16*
Angle Bending	4 x 1/4*	4 x 5/16*	4 x 1/2*	4 x 1/2*	4 x 1/2*
Pipe Notching	$\varnothing 4 1/2$ *	$\varnothing 4 1/2$ *	$\varnothing 4 1/2$ *	$\varnothing 4 1/2$ *	$\varnothing 4 1/2$ *
OTHER					
Electric Power (HP)	7.5 HP	10 HP	10 HP	15 HP	20 HP
Net Weight (Apr.)	S: 3975 lb SD: 4875 lb	4825 lb 5850 lb	6525 lb 7625 lb	7375 lb 8725 lb	--- 10925 lb
Gross Weight (Apr.)	S: 4300 lb SD: 5250 lb	5210 lb 6360 lb	7025 lb 8175 lb	7925 lb 9325 lb	--- 11600 lb
Machine Dimension (Apr.)	S: 67 x 32 x 68 (LxWxH) SD: 82 x 32 x 68	73 x 33 x 70 87 x 33 x 70	83 x 34 x 72 97 x 34 x 72	86 x 41 x 73 98 x 41 x 73	--- 107 x 43 x 80
Packing Dimension (Apr.)	S: 78 x 38 x 79 (LxWxH): SD: 93 x 38 x 79	83 x 39 x 81 98 x 39 x 81	94 x 40 x 83 108 x 40 x 83	97 x 47 x 84 109 x 47 x 84	--- 118 x 49 x 91

* : Optional Tooling

Note: Based on low carbon / mild steel material strength of 65,000 PSI tensile.

Design and specifications subject to change without notice.

A 2-hole overhung die holder and a 2-piece gauging table are provided as standard equipment on all dual cylinder ironworkers.



PM SERIES

Hydraulic Punching Machine

- The specially designed hydraulic cylinder enables the machine to retract faster, and also makes our cylinder slimmer, which brings a better appearance to the machine.
- Punching machines ranging from 38 to 220 tons of punching capacities, combined with different throat depths to choose from, provides a complete range of models to meet our customer's wide range of requirements.
- **All optional tooling used on the punching station of S/SD ironworkers can also be used on the PM models, turning the punching machine into a universal machine.**



PM-60LT



*Bar shearing.



*Channel shearing.



*Angle shearing.



*Flat bar shearing.



*Rectangular notcher.

HYDRAULIC PUNCHING MACHINE

Capacities and Specifications

Unit: Inch

MODEL	PM-38T PM-38LT PM-38XT	PM-60T PM-60LT PM-60XT	PM-88T PM-88LT PM-88XT	PM-130LT PM-130XT	PM-175LT PM-175XT	PM-220LT PM-220XT
PUNCHING						
Punching Pressure	38 Ton	60 Ton	88 Ton	130 Ton	175 Ton	220 Ton
Punch Capacity (Diameter x Thickness)	ø11/16 x 9/16 ø2 x 3/16	ø7/8 x 11/16 ø2 x 5/16	ø1 x 7/8 ø2 x 7/16	ø11/4 x 11/16 ø2 x 11/16	ø13/8 x 11/4 ø2 x 7/8	ø15/8 x 13/8 ø2 x 11/8
Channel Flange Punch (Height)	7	7	7	7	7	7
Throat Depth	T: 12 LT: 20 XT: 30	12 20 30	12 20 30	---	---	---
Maximum Stroke Length	4	4	4	4	4	4
Cycles/Min. (3/4" stroke)	41	28	28	26	27	28
Table Size (W x D)	T: 27 1/2 x 20 LT: 27 1/2 x 27 1/2 XT: 27 1/2 x 37 1/2	27 1/2 x 20 27 1/2 x 27 1/2 27 1/2 x 37 1/2	27 1/2 x 20 27 1/2 x 27 1/2 27 1/2 x 37 1/2	---	---	---
Working Height Up to Die	41 1/4	41 1/4	41 1/4	41 1/4	41 1/4	41 1/4
OPTIONAL TOOLING						
Largest Hole*	ø6 x 1/16	ø6 x 1/8	ø6 x 3/16	ø8 x 1/4	ø8 x 5/16	ø8 x 3/8
Single Vee Press Brake (W x T)*	10 x 1/2	10 x 5/8	10 x 5/8	10 x 3/4	10 x 3/4	10 x 3/4
Multi Vee Press Brake (W x T)*	20 x 1/8	20 x 3/16	20 x 3/16	27 1/2 x 3/16	27 1/2 x 3/16	27 1/2 x 3/16
Angle Bending*	4 x 1/4	4 x 3/8	4 x 1/2	4 x 1/2	4 x 1/2	4 x 1/2
Rectangular Notcher (WxDxT)*	21 1/2 x 31 1/2 x 1/4	21 1/2 x 31 1/2 x 5/16	21 1/2 x 31 1/2 x 3/8	21 1/2 x 31 1/2 x 1/2	21 1/2 x 31 1/2 x 1/2	21 1/2 x 31 1/2 x 1/2
Vee Notcher (Side x Side x T)*	53/4 x 53/4 x 3/16	53/4 x 53/4 x 1/4	53/4 x 53/4 x 3/8	53/4 x 53/4 x 1/2	53/4 x 53/4 x 1/2	53/4 x 53/4 x 1/2
Pipe Notcher (Max diameter)*	ø4 1/2	ø4 1/2	ø4 1/2	ø4 1/2	ø4 1/2	ø4 1/2
Flat Bar Shearing*	7 x 3/16	7 x 1/4	7 x 3/8	7 x 1/2	7 x 5/8	7 x 5/8
Angle Shearing*	3 x 3 x 1/4	4 x 4 x 1/4	4 x 4 x 1/2	4 x 4 x 1/2	4 x 4 x 1/2	4 x 4 x 1/2
Round Bar Shearing*	ø1 1/4	ø1 1/4	ø1 1/4	ø1 1/4	ø1 1/4	ø1 1/4
Square Bar Shearing*	1 1/8 x 1 1/8	1 1/4 x 1 1/4	1 1/4 x 1 1/4	1 1/4 x 1 1/4	1 1/4 x 1 1/4	1 1/4 x 1 1/4
Channel Shearing*	4 x 2	4 x 2	4 x 2	4 x 2	4 x 2	4 x 2
OTHER						
Electric Power	5 HP	5 HP	7.5HP	10 HP	15 HP	20 HP
Net Weight (Apr.)	T: 2650 lb LT: 3325 lb XT: 4075 lb	3200 lb 4100 lb 4875 lb	3925 lb 4640 lb 6275 lb	---	---	---
Gross Weight (Apr.)	T: 2875 lb LT: 3625 lb XT: 4425 lb	3600 lb 4525 lb 5350 lb	4325 lb 5075 lb 6750 lb	---	---	---
Machine Dimension (Apr.)	T: 43 x 33 x 70 LT: 56 x 33 x 71 XT: 72 x 33 x 72	46 x 33 x 77 60 x 33 x 77 76 x 33 x 77	51 x 34 x 78 64 x 34 x 78 81 x 34 x 78	---	---	---
(L x W x H)	---	---	---	68 x 38 x 80 86 x 38 x 80	74 x 41 x 82 94 x 41 x 84	78 x 50 x 83 98 x 50 x 86
Packing Dimension (Apr.)	T: 56 x 38 x 79 LT: 69 x 38 x 80 XT: 85 x 38 x 81	59 x 38 x 87 73 x 38 x 87 88 x 38 x 87	63 x 40 x 87 77 x 40 x 87 93 x 40 x 87	---	---	---
(L x W x H)	---	---	---	81 x 44 x 90 98 x 44 x 90	87 x 47 x 91 106 x 47 x 94	91 x 56 x 92 110 x 56 x 95

* : Optional Tooling

Note: Based on low carbon / mild steel material strength of 65,000 PSI tensile.

Design and specifications subject to change without notice.

A 2-hole overhung die holder and a 2-piece gauging table are provided as standard equipment on all punching machines.



* CNC positioning systems. Contact us for details!



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