



The IW-45M has four standard stations, capable of a wide range of applications. The punching station can be converted into a notching station. IW-45M is heavier and stronger than other competitive machines. This durable and economical model is perfect for small shops with a limited budget.



IW-45M



IW-50A

The IW-50A 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.



IW-60H

The IW-60H 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: mm

MODEL	IW-45M	IW-50A	IW-60H
PUNCHING			
Punching Force	45 Ton	50 Ton	60 Ton
Punch Capacity (Diameter x Thickness)	ø22 x 15 ø40 x 8	ø20 x 18 ø40 x 9	ø28 x 15 ø40 x 11
Throat Depth	175	180	220
Maximum Stroke Length	35	42	55
Cycles / Min. (15mm stroke)	31	24	29
Working Height Up to Die	970	840	1000
ANGLE SHEARING			
At 90° Shearing	80 x 80 x 8	100 x 100 x 10	100 x 100 x 13
At 45° Miter Shearing	50 x 50 x 6	65 x 65 x 8	80 x 80 x 8
Working Height	1120	850	1236
FLAT SHEARING			
Flat Bar Shear (Width x Thickness)	350 x 8 180 x 12	300 x 12 200 x 18	350 x 15 210 x 20
Blade Length	360	310	360
Angle Flange Trim	75	100	100
Working Height	970	1150	1006
BAR SHEARING			
Round Bar Shear	ø25	ø32	ø40
Square Bar Shear	25 x 25	30 x 30	38 x 38
Channel Shear	--	76°	102°
I Beam Shear	--	76°	102°
Working Height	1190	880	1260
NOTCHING			
Rectangular Notcher (W x D x T)	50.8 x 90 x 7**	50.8 x 90 x 7	50.8 x 90 x 8
Vee-Notcher (Side x Side x T)	90 x 90 x 8**	90 x 90 x 8*	90 x 90 x 10*
Working Height	--	1150	1006
SPECIAL TOOLING			
Single Vee Press Brake (W x T)	160 x 6*	160 x 10*	160 x 8*
Multi Vee Press Brake (W x T)	--	250 x 6*	--
Angle Bending	65 x 8*	65 x 8*	65 x 10*
Pipe Notching	--	ø60*	--
OTHER			
Electric Power (HP)	5HP	5HP	7.5HP
Net Weight (Apr.)	830 kg	1130 kg	1500 kg
Gross Weight (Apr.)	930 kg	1250 kg	1650 kg
Machine Dimension (Apr.)(LxWxH)	1260 x 700 x 1350	1310 x 770 x 1450	1460 x 770 x 1560
Packing Dimension (Apr.)(LxWxH)	1530 x 860 x 1630	1580 x 930 x 1730	1730 x 930 x 1840

* : Optional Tooling

** : On IW-45M the notcher is optional tooling to be installed at the punching station.

Note: Based on low carbon / mild steel material strength of 45kg / mm² 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.