

Hydraulic Ironworker Machines ????? ?????



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Hydraulic Ironworker Machines

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Description The Hydraulic Ironworker Machines adopt hydraulic transmission. It is the latest product of the domestic multi-functional combined punching and shearing machine. It can cut, punch, die cut flat steel, square steel, round steel, angle steel, channel steel, and I-beam. Equipped with a shear stop device. It is a machine tool that integrates multiple functions such as metal shearing, punching, plate shearing, bending, etc. It has the advantages of simple operation, low energy consumption, and low maintenance cost.

Features:

- 1. Robust and accurate steel frame
- 2. Large punch table with scales
- 3. Removable bolster for punching flanges and channel and beam
- 4. 2 independent hydraulic cylinders
- 5. 2 shielded foot controls
- 6. 2 Separate Die Openings for oversized punching
- 7. 5 working stations for wide applications
- 8. power inching on all 5 workstations
- 9. plate shear support table and notching table
- 10. adjustable stroke controls with indicators on both cylinders
- 11. punching machine: Movable work light
- 12. overload protection on the hydraulic system
- 13. electric back gauge
- 14. optional bending attachment

SPECIFICATIONS

Item		Unit	45	60	90
Stroke Times	Times/min	8--22	8--22	8--22	



Hole Punching	Punching Pressure	kn	45	60	90
	Max. Punching Thickness	mm	15	16	20
	Max. Diameter of punching	mm	28	25	30
	Depth of Throat	mm	220	300	355
	Max Length of Cylinder Stroke	mm	55	80	80
Flat-Bar Shearing	Angel of Shear	Degree	7°	7°	8°
	Max. Shearing Thickness	mm	16	16	20
	Flat Bar (WxT)	mm	200x15	400x8	480x10
				250x16	330x20
Angel Steel Shearing	90° Shearing of equal Angel Steel	mm	120x120x12	120x120x10	140x140x12
	45° Shearing of equal Angel Steel	mm	70x70x6	70x70x8	70x70x10
Profile Steel Shearing	Round-Bar	mm	40	45	50
	Square-Bar	mm	35x35	40x40	45x45
	T-Bar	mm	100x50x12	120x60x12	140x70x12
	I-Beam	mm	100x55x4	126x74x5	160x86x6
	C-Channel	mm	100	126x53x5.5	160x60x6.5
Notching	Thickness	mm	10	10	13
	Width	mm	45	57	57
	Depth	mm	90	100	100
Material Tensile Strength		N/mm ²	450	450	450
Power Motor		Kw	4	4	5.5
Overall Dimensions (LxWxH)		mm	1550x800x1700	1650x800x1780	1950X900X1930
Gross Weight		Kg	1450	1800	2600

