

## Q35Y-16 Hydraulic Ironworker Machine



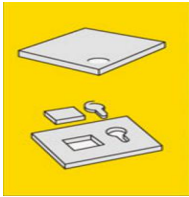
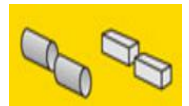


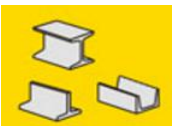
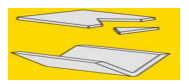
### Main Features:

- 1) This series of products are ideal equipment for cutting all kinds of angle steel, I-beam, U-shape steel, right angle or 45 degree angle steel. Multi-workstations make it possible to finish series operations simultaneously on one machine, such as punching, shearing and notching, Dual-piston-type combined punching and shearing machine allows two-man operation at the same time (stamping + another work station), German Rexroth's integrated hydraulic valve block ensures the stability of the machine, Through Thermal Effect of annealing processing, the entire rack is able to keep its shape forever, without deformation. The introduction of imported brand accessories ensures the parts' service life and use precision.
- 2) Punching: effective punching can be achieved with the machine, and stamping die is easy to be replaced.
- 3) Bar cutting: you can quickly cut the round bar and square steel, if you want to cut U-shaped, I-beam or T-profile section steel only by exchanging the cutting blade and the operation procedure is very simple.
- 4) Angle cutting: you can cut several 90 ° and 45 ° angles with the help of special dies.
- 5) Metal Sheet Bending: it is very easy to fulfill the daily metal sheet bending work by making the bending moulds.
- 6) Notching: The machine is equipped with a large-shaped slotting blade head, which can meet your general use, as to, special shaping blade head can be customized.

## Main functions:

- More efficient stroke-control functions of piston rod.
- Central lubricating system
- Motor-driven rear stopper
- Lighting devices for work
- 5 independent work-positions: punch pin and die (standard punching dies), cutting blade group for round and square steel, shearing blades for steel plate, slotting and angle-cutting blade.

## Technical Specifications:

Technical Specifications					Q35Y-16
Punching Pressure (T)					60T
Depth of throat (mm)					300
Process ing capacit y		Punching holes	Diameter*Max. thickness	mm	25X16
			Diameter*thickness	mm	25X16
			Max.diameter	mm	25
			Stroke	mm	80
			Work stroke	mm	X20
			Throat Depth	mm	300
		Steel bar cutting	Round steel	mm	45
			Square steel	mm	40X40
		Angle cutting	Angle cutting	mm	125X125X12
			Angle	°(degree)	50X50X5
			Edged surface	mm	5.5
		Slotting	Thickness	mm	16
			Width	mm	57
			Depth	mm	115
		U-shaped and I-beam cutting		mm	125X125X12
		T-section cutting		mm	60X60X8
		I-beam cutting		mm	126X74X5
		V-slotting die		mm	600
		V-bending		mm	10
	Pressure			Kn	600
Motor Power			kw	5.5	
Weight			Kg	1900	
Machine outline size(LXWXH)			mm	1640X730X1770	

## Standard Tools:

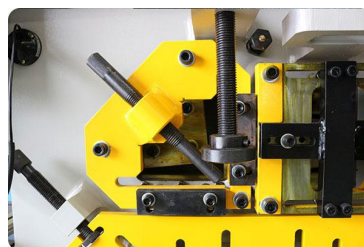
### Punching Station:

One Standard Size: 25mm diameter  
This station can customize different punching sizes according to your requirements



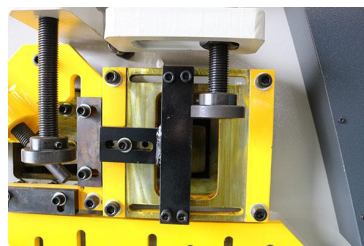
### Angle Shearing Station:

One Standard Size: MAX 120X120X12MM



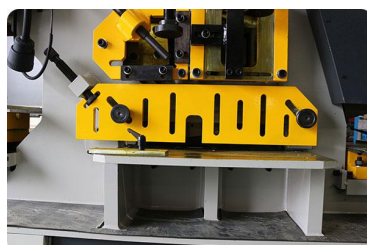
### Bars Cutting Station:

One Standard Size: 100\*48\*5.3 MM  
This station can cut round bars, square bars, and other profiles, like H-shaped steel, U-shaped steel, etc. according to your requirements



### Flat Bars Shearing Station:

One Standard Size: Max length: 410MM  
Max thickness : 16 MM carbon steel



### Notching Station:

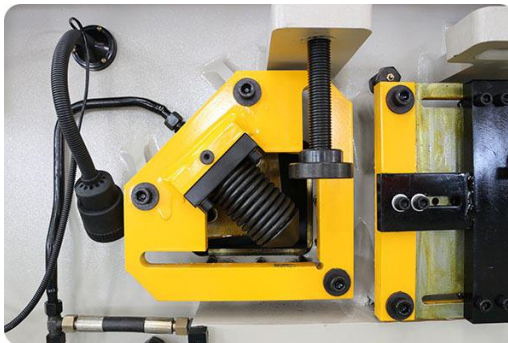
One Standard Size: 115X57 MM



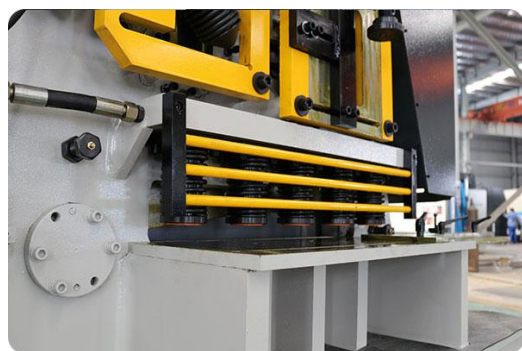
## Optional :



Angle steel,channel steel ,round steel  
automatic positioning shear



angle steel shear automatic clamping



Shear plate automatic hydraulic clamping



Bending



Infrared ray positioning ( Punching  
position )



Louver Punching

## Standard Configuration List:

NO.	Item	Manufacturer	Remarks
1-	Electrics	Schneider - France	Standard
2-	Main motor	Siemens - Germany/Wannan-china	
3-	Oil pump	First/SUNNY - USA	
4-	Valve block	Rexroth - Germany	
5-	Pedal switch	KACON - South Korea	
6-	Wind-cooler for oil	China	
7-	Sealing ring	Parker - USA	
8-	Oil pipe connector	pressure hose - Germany	
9-	Safety guard	KRRASS	