

Q35Y-20 Hydraulic Ironworker Machine



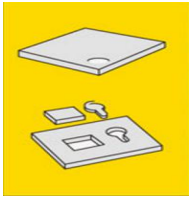
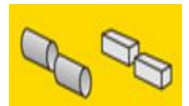


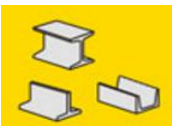
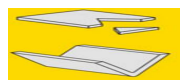
Main Features:

- 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-20 |
|-----------------------------|---|-----------------------------|-------------------------|---------------|------------|
| Punching Pressure (T) | | | | | 90T |
| Depth of throat (mm) | | | | | 355 |
| Processing capacity |  | Punching holes | Diameter*Max. thickness | mm | 30X20 |
| | | | Diameter*thickness | mm | 30X20 |
| | | | Max.diameter | mm | 30 |
| | | | Stroke | mm | 80 |
| | | | Work stroke | mm | X25 |
| | | | Throat Depth | mm | 355 |
| |  | Steel bar cutting | Round steel | mm | 50 |
| | | | Square steel | mm | 50X50 |
| |  | Angle cutting | Angle cutting | mm | 140X140X12 |
| | | | Angle | °(degree) | 50X50X5 |
| | | | Edged surface | mm | 6.5 |
| |  | Slotting | Thickness | mm | 20 |
| | | | Width | mm | 57 |
| | | | Depth | mm | 115 |
| |  | U-shaped and I-beam cutting | | mm | 140X140X12 |
| | | T-section cutting | | mm | 70X70X10 |
| | | I-beam cutting | | mm | 160X86X6 |
| |  | V-slotting die | | mm | 600 |
| | | V-bending | | mm | 15 |
| | Pressure | | | Kn | 900 |
| Motor Power | | | kw | 7.5 | |
| Weight | | | Kg | 2500 | |
| Machine outline size(LXWXH) | | | mm | 1860X800X1990 | |

Standard Tools:

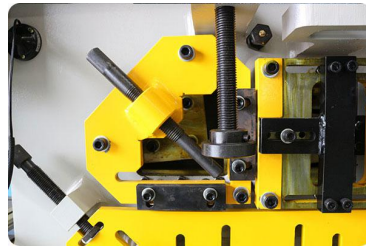
Punching Station:

One Standard Size: 30mm diameter
This station can customize different punching sizes according to your requirements



Angle Shearing Station:

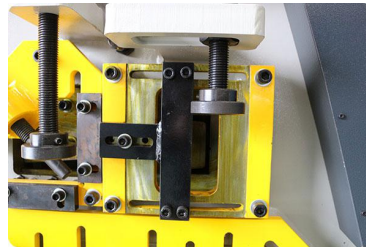
One Standard Size: MAX 140X140X12MM



Bars Cutting Station:

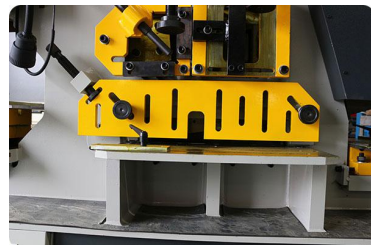
One Standard Size: 80*45*5 MM
100*48*5.3 MM

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: 485MM
Max thickness : 20 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 | 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 | |