



Q35Y Series industrial-grade hydraulic Iron Workers are featuring multiple functions, which includes: Punch, Angle Shear, Flat Shear, Round/Square Bar Shear, Rec. Notch, V-Notch, Channel Shear, I-beam Shear, T-bar Shear, Press Brake, Angle Bending and Pipe Notching. It comes standard with: quick-change coupling nut & sleeve, squaring arm with scale, electronic back gauge, gauging table with stops, punching base table, safety guards and more.



Technical Parameter

| Model | | IW-80S IW-80SD | IW-100S IW-100SD | IW-125S IW-125SD | IW-165S IW-165SD | IW-200S IW-200SD | IW-250S IW-250SD |
|---------------------------------|----------------------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Process Capacity (T) | | 80 | 100 | 125 | 165 | 200 | 250 |
| Material Tensile Strength (Mpa) | | 450 | | | | | |
| Punching | Max. Capacity | ø30 x 16 | ø30 x 20 | ø35 x 25 | ø38 x 30 | ø40 x 35 | ø40 x 40 |
| | Dia(Punch) x Thickness(mm) | ø45 x 12 | ø50 x 12 | ø50 x 18 | ø50 x 24 | ø50 x 25 | ø50 x 32 |
| | Max. Stroke Length (mm) | 80 | 80 | 80 | 80 | 80 | 80 |
| | Throat Depth S (mm) | 355 | 355 | 400 | 600 | 600 | 600 |
| | Throat Depth SD (mm) | 500 | 500 | 500 | 750 | 750 | 750 |
| | Cycles /min.(Max. Stroke Length) | 12 | 12 | 10 | 10 | 10 | 10 |
| Flat Shearing | Max shearing size | 300 x 20 | 330 x 20 | 330 x 25 | 330 x 30 | 400 x 35 | 400 x 40 |
| | (width * thickness) (mm) | 440 x 10 | 480 x 10 | 600 x 16 | 600 x 20 | 700 x 25 | 750 x 35 |
| Angle Shearing | shearing (mm) | 50 x 5 | 50 x 5 | 60 x 6 | 60 x 6 | 100 x 10 | 120 x 10 |
| | shearing (mm) | 140 x 10 | 140 x 12 | 160 x 14 | 180 x 16 | 200 x 18 | 200 x 20 |
| Bar Shearing | Round Bar/ Square Bar (mm) | 50/45 | 50/50 | 60/50 | 65/55 | 70/60 | 80/65 |
| | Channel (mm) | 16# | 16# | 20# | 28# | 28# | 32# |
| Motor Power (KW) | | 5.5 | 5.5 | 7.5 | 11 | 15 | 18 |
| N.W (KG) | S | 2200 | 2200 | 3800 | 6300 | 8800 | 12800 |
| | SD | 2500 | 2500 | 4200 | 6500 | 9300 | 13400 |
| Overall Dimension (mm) | S | 1830 x 800 x 1900 | 1830 x 800 x 1900 | 2200 x 1000x 2100 | 2600 x 1050x 2400 | 2900 x 1300x 2650 | 3000 x 1440x 2450 |
| | SD | 1930 x 800 x 1900 | 1930 x 800 x 1900 | 2300 x 1000x 2100 | 2700 x 1050x 2400 | 3000 x 1300x 2650 | 3100 x 1440x 2450 |

Standard Accessories

| No. | ITEM | PICTURE |
|-----|----------------------------|---|
| 1 | Punching Die |  <p data-bbox="679 539 1356 654">A set of round hole punching die will be installed in the machine. For other size of punching dies, you have to order and pay additionally.</p> |
| 2 | Flat Bar Cutting Blade |  <p data-bbox="711 882 1326 909">The cutting blade will be installed in the machine.</p> |
| 3 | Angle Steel Shearing Blade |  <p data-bbox="711 1180 1326 1207">The cutting blade will be installed in the machine.</p> |
| 4 | Profile Cutting Blade |  <p data-bbox="673 1480 1362 1677">A set of round and square bar blades will be installed in the machine. Also if you have to shear channel steel or I-beam steel, pls inform me the size. For other blade, you have to order and pay additionally.</p> |
| 5 | Notching Blade |  <p data-bbox="699 1906 1337 1933">The notching blade will be installed in the machine.</p> |

The following 5 sets of moulds will be installed in the machine:

- a. A set of round hole punching die
- b. A set of angle steel blade
- c. A set of round and square bar blade
- d. A set of shearing plate blade
- e. A set of notching blade

Standard Configuration

| No. | Parts | Origin |
|------------|---------------------------|------------------|
| 1 | Main Electrical Component | France Schneider |
| 2 | Hydraulic Valve | Beijing Huade |
| 3 | Hydraulic Pump | Taiwan Kompass |
| 4 | Proximity Switch | Japan Omron |
| 5 | Timer Relay | France Schneider |
| 6 | Hydraulic Oil Seal | Japan NOK |