

MDH SERIES

- SAFETY
- STABLE
- PRECISION
- ENERGY SAVING
- AUTOMATION

30-65TONS



Standard Configuration

- > Universal frequency converter Adjustable speed main motorModular pneumatic clutch brake
- > Dynamic balancing device
- > The electronic cam switch
- > Sautomatic angle correction device
- > Electronic display (and speed)
- > Touch screen (switch in both chinese and english)
- > Electronic die height adjustment
- > Die height indicator
- > Safety die door
- > Hands start button
- > Micro inching can be forward (reverse)
- > Circulating oil
- > Material feeding device (with solenoid valve)

- > Electronic Control Cabinet (with rolling wheel) body console
- > Shock-proof floor mats
- > Air ejector (with solenoid valve) DC
- > All stop circuits
- > Die Lighting (LED)
- > Material Terminal stop switch (proximity)
- > Three groups of batch control
- > Misdirection function
- > The cumulative count function
- > Maintenance Kit
- > Motor reversing device
- > Oil temperature cooling unit
- > Air Control Unit

Optional Configuration

- > Roller feeder (∅105 ∅138)
- > Electronic disc
- > Precision leveling machine
- > Lower dead point detector
- > Chute control function

- > Clip-type feeder (∅906 ∅1512)
- > 3hp waste suction machine (with hopper)
- > Single side double reclamer
- > Tonnage meter

Performance Features

MDH series is QIAOSEN Precision High Speed Press Machine, which built to meet or exceed JIS Class 1 accuracy standards. The frame of the machine is made of high-strength cast iron, which is most suitable for continuous punching, drawing and forming production because of its stable material and constant precision after internal stress relief. which can make the press machine have minimizing deflection and high accuracy and provide increased tool life.

- ◆ The press frame is made of international (GBT5612-2008) high-strength cast iron. After precise temperature control and tempering, the internal stress of the workpiece is naturally eliminated for a long time, so that the performance of the workpiece on the presses frame can reach the best state.
- ◆ The split H-frame structure prevents the opening of the press frame when loading, and realizes the processing of high-precision products.
- ◆ The crank shaft is forged with alloy steel and then processed by 4-axis Japanese machine. The reasonable processing and assembly process ensure that the machine tool has small deformation and stable structure during operation.
- ◆ The high-speed precision presses adopts a six cylinder guide structure to reasonably control the displacement and deformation between the workpieces. With the forced oil supply lubrication system, the fine and micro thermal deformation of the machine tool under long-term operation and eccentric load conditions can be minimized to ensure long-term high-precision product processing.
- ◆ The man-machine interface is controlled by microcomputer to realize the visual management of operation, and the product quantity and press status are clear at a glance (the central data processing system will be adopted, and a screen will know all the working conditions, quality, quantity and other data of the press).

Technical Parameters

Specifications	Unit	MDH-30T		MDH-45T			MDH-65T			
Press capacity	KN	30		45			65			
Slider stroke length	mm	20	30	20	25	30	20	30	40	50
Slider strokes per minute	Spm	200-1100	200-900	200-1100	200-1000	200-900	200-700	200-600	200-500	200-400
Die height	mm	240	235	270	270	265	260	255	250	245
Bolster area	mm	640*450		750*500			1000*650			
Slider size	mm	640*340		750*360			950*500			
Adjustment amount	mm	50		50			50			
Blank-holding hole	mm	100*400		100*500			140*650*800			
Main motor	HP	7.5		15			18.5			
Total weight	Kg	5000		7700			14000			