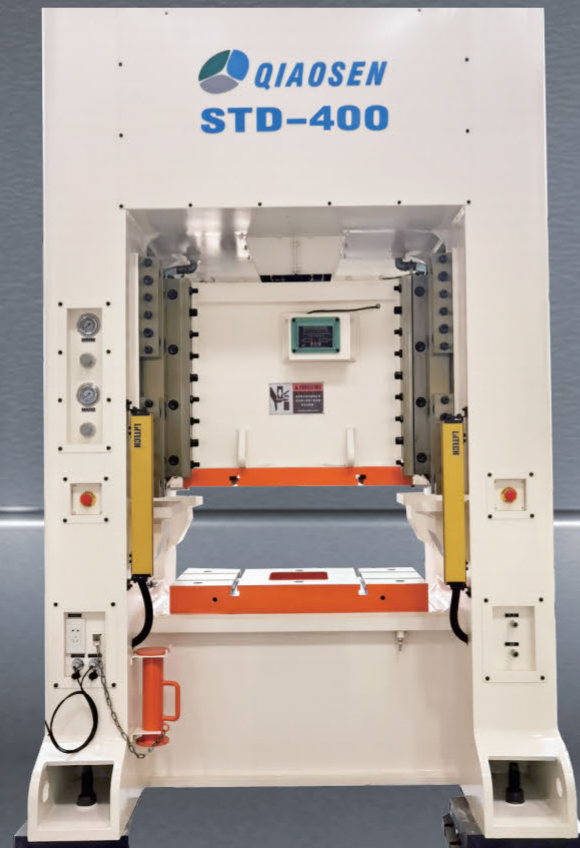


STD SERIES

- SAFETY
- STABLE
- PRECISION
- ENERGY SAVING
- AUTOMATION

110-630TONS



Standard Configuration

- > Hydraulic overload protection device
- > Electric slider adjusting device
- > Variable frequency variable speed motor (adjustable speed)
- > Electronic cam device
- > Digital die height indicator
- > Slider and stamping tools balance device
- > Rotating cam controller
- > Crankshaft angle indicator
- > Electromagnetic counter
- > Air source connector
- > Second degree falling protecting device
- > Forced Thin Re-Circulating Oil Lubrication System Device

- > Air blowing device
- > Mechanical shockproof feet
- > Mis-feeding detection device reserved interface
- > Maintenance tools and toolbox
- > Main motor reversing device
- > Light Curtain (Safety Guarding)
- > Wet Clutch
- > Electric grease lubrication device
- > Touch screen (pre-break, pre-load)
- > Mobile electric control cabinet and console
- > LED die lighting
- > 8-Points Slide Guiding

Optional Configuration

- > Customization Per Customer Requirement
- > Die Cushion
- > Quick Die Change System
- > Slide Knock Out Device
- > Turnkey System with Coil Feedline and Automation System

- > Foot Switch
- > Electric Automatic Grease Lubrication Device
- > Dry Clutch
- > Anti-Vibration Isolator
- > Tonnage Monitor

Performance Features

STD series is Straight Side Unitized Frame Single Crank (H-frame single point), this press are for general purpose stamping. Suitable for punching, forming, blanking, bending, drawing, and trimming. It is used for auto single stroke, hand in die operation, in die transfer, and robotic system applications.

STD series presses are produced by Qiaosen machinery, which built to meet or exceed JIS Class 1 accuracy standards. Qiaosen adopt high strength steel frames and Quenching & Grinding Process for Slide-Guide, which can make the press machine have minimizing deflection and high accuracy and provide increased tool life.

Forged 42CrMo alloy material crankshaft, precision-machined gears and other drive train components are designed for smooth power transmission, quiet operation and long life. STD series presses are wet clutch system, It has longer service life of the clutch system. Adopting "8-Points Slide Guiding", its makes the presses has the characteristics higher accuracy and stronger stability and resistance to eccentric-load. Standard configuration "Re-Circulating Oil lubrication", which have better heat dissipation, faster speed, more energy efficient and more environmentally friendly.

Siemens main motor and siemens based control platform and user-friendly touch screen operation interface is standardized in all QIAOSEN's presses, it provides ease of operation and expandable capabilities. Easy to integration with other automation system. Other brands of control can be furnished upon request.

- ◆ Heavy one-piece steel frame, minimizing deflection, high accuracy.
- ◆ Pneumatic wet clutch brake, longer service life.
- ◆ 8-points slide guiding, stronger stability and resistance to eccentric-load. Adopting Quenching & Grinding Process for Slide-Guide, which can make the press machine higher accuracy & low wear and provide increased tool life.
- ◆ Forged 42CrMo alloy material crankshaft, its strength is 1.3 times higher than that of #45 steel, and service life is longer.
- ◆ Copper sleeve is made of tin phosphorus bronze ZQSn10-1, which has a strength 1.5 times higher than that of ordinary BC6 brass.
- ◆ Highly sensitive hydraulic overload protection device, effectively protect the service life of the presses and tools.
- ◆ Forced thin re-circulating oil lubrication device, energy-saving, environmentally friendly, equipped with automatic alarm function, with better smoothness and heat dissipation, and better lubrication effect.
- ◆ Built to JIS Class I accuracy standard.
- ◆ Optional Die Cushion.

Technical Parameters

Name	Unit	STD-160		STD-200		STD-250		STD-300		STD-400		STD-500		STD-630	
		S-type	H-type	S-type	H-type	S-type	H-type	S-type	H-type	S-type	H-type	S-type	H-type	S-type	H-type
Mode															
Press capacity	Ton	160		200		250		300		400		500		630	
Rated tonnage point	mm	6	3	6	3	7	3.5	7	3.5	8	4	10	5	10	5
Slide strokes per minute	S.P.M	20~50	40~70	25~50	40~80	20~45	30~60	20~40	30~60	20~40	30~60	20~40	30~60	20~40	30~60
Max die height	mm	200	90	200	100	250	150	300	150	300	150	300	150	300	150
Slide stroke length	mm	450	400	450	400	450	400	550	450	550	450	600	500	650	550
Slide adjustment amount	mm	100		120		120		150		150		150		150	
Slide Area	mm	750*700		750*700		800*800		900*900		1000*900		1200*1000		1200*1000	
Bolster Area	mm	850*800		900*800		1000*900		1100*1000		1200*1000		1400*1000		1400*1000	
Side opening	mm	700*500		700*500		800*600		900*600		900*650		900*650		900*650	
Main motor power	KW*P	15*4		18.5*4		22*4		30*4		37*4		45*4		55*4	
Air pressure	kg*cm ²	6		6		6		6		6		6		6	
Press accuracy grade	Grade	JIS 1		JIS 1		JIS 1		JIS 1		JIS 1		JIS 1		JIS 1	