

Introduction to Shanghai SYDUAN

Intelligent Solution Provider for Metal Forging & Press Industry

We integrate intelligent technologies into CNC bending, shearing, rolling and pressing machines. Built-in CNC systems auto-calculate bending data to improve precision, efficiency and safety.

Quality & Technological Edge

Supported by full inspection system and over 10 patents, we cooperate with research institutes to adopt cutting-edge technology. We operate under ISO9001 standards with the tenet: Strengthen Control, Continuous Improvement; Superior Quality, Full Customer Satisfaction.

Global Service Layout

Boasting over 20 years of industry experience, we have built a complete sales and service network with offices across 28 major domestic cities to deliver timely support. Our equipment sells well nationwide and exports to Southeast Asia, the Middle East and other overseas markets, earning consistent recognition from global clients.

We continuously increase R&D investment, introduce advanced technologies and management concepts, striving to build a leading top-tier brand in China's metal forming industry.

Product Center



Hybrid High Performance
CNC Bending Machine



Electro Hydraulic Synchronous CNC
Bending Machine



All Electric Servo CNC
Bending Machine



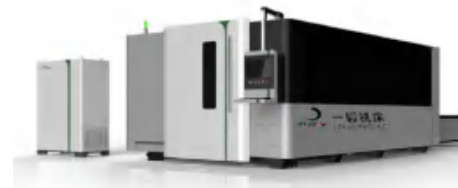
Shearing Machine



Rolling Machine



High-Performance
Punching Machine



Laser Cutting Machine



Grooving Machine

Hybrid High Performance CNC Bending Machine

"Four Revolutionary Upgrades"

- **Power Revolution:** Dual-mode drive system combining hydraulics and motors, with pressure ranging from 100 to 2,000 tons to meet full-scenario processing demands.
- **Energy-Saving Revolution:** Cut electricity expenses by over 80% annually, reduce hydraulic oil consumption by 70%, and slash maintenance costs by 50%.
- **Intelligent Revolution:** Built-in algorithms automatically optimize power distribution, boosting processing efficiency by 30%.
- **Low-Noise Revolution:** Operating noise lower than 60 decibels, creating an eco-friendly production environment.



Hybrid High Performance CNC Bending Machine

-Performance Features



- The adoption of servo motors enables the system to run at low energy consumption during idle intervals, delivering outstanding energy-saving performance.
- Hydraulic oil is supplied on demand without throttling loss, realizing genuine energy conservation.
- Low temperature rise reduces the risk of oil leakage, enhances operational stability, and extends the service life of the hydraulic system and cylinders.
- Equipped with gear pumps, the machine operates with lower noise, less sensitivity to hydraulic oil cleanliness, and drastically reduced failure rates.
- The positioning accuracy of the slide block is no less than that of proportional valve control systems, even superior. Practical tests verify the slide block's repetitive positioning accuracy of ± 0.01 mm and a maximum precision of ± 0.005 mm.
- Hydraulic oil consumption is cut by 70%.
- Simplified installation greatly improves customers' setup efficiency.
- Flexible mounting options can fully satisfy diverse user requirements.
- Superior economic performance brings higher cost efficiency.

Press Brake – CNC Control System

Spectrum SCS900 (High-End Intelligent Model)

Taiwan

1. 21.5-inch industrial capacitive touch screen, resolution 1920 × 1080
2. Industrial 4-core ARM CPU at 1.6GHz, 8GB Flash memory and 2GB RAM
3. Handwheel optional
4. Built-in buzzer for humanized prompt upon completion of each operation
5. Milled aluminum panel with fully laminated tempered glass capacitive screen, featuring elegant appearance and high reliability
Standard USB Wi-Fi module supports remote debugging and program updates
6. Compatible with MES connection, MQTT and OPC UA protocols
7. Power consumption statistics function (optional)



Press Brake — CNC Control System

Swiss Cybelec CybTouch 12 (CT12)

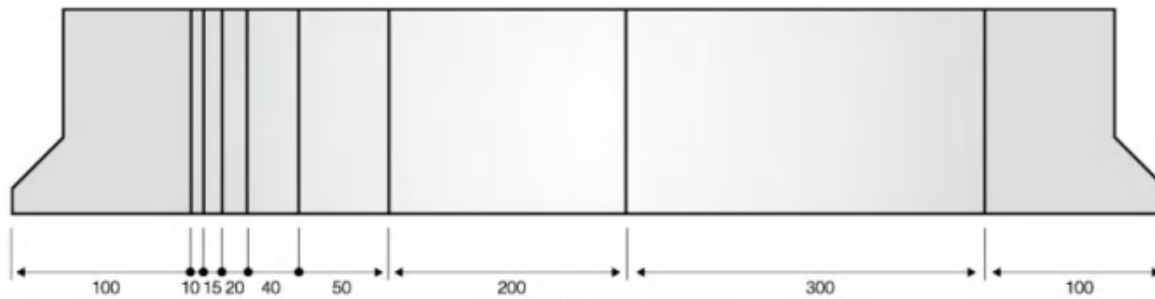
- Core Positioning: European brand focusing on high precision and automation.
- Key Functional Highlights:
- 3D Bending Simulation: After importing STEP models, the system previews the bending process in real time to detect die collisions in advance (such as interference of automobile panel dies).
- Optimized Electro-Hydraulic Synchronization: Deeply adapted to dual-servo systems, the synchronization accuracy of Y1/Y2 axes reaches ± 0.005 mm, suitable for aerospace-grade precision processing.
- Intelligent Compensation: Built-in material database covering stainless steel, aluminum alloy and high-strength steel, which automatically calls matching bending parameters.



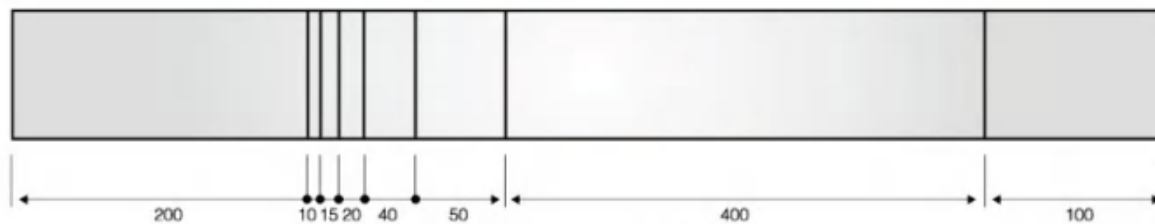
Press Brake Dies

Segmented upper and lower dies of different lengths are available, which can be assembled into specified widths according to workpiece requirements to meet the processing demands of special workpieces.

上下模分割图 Lower die segmentation image



上模标准分割图
Standard Segmented Punch



下模标准分割图
Standard die segment

Technical Parameters

Machine too model	40T/160 0	40T/250 0	70T/160 0	70T/250 0	110T/25 00	110T/32 00	110T/40 00	130T/25 00	130T/32 00	130T/400 0	170T/250 0	170T/320 0	170T/400 0	170T/500 0	170T/600 0
Nominal Pressure KN	400	400	700	700	1100	1100	1100	1300	1300	1300	1700	1700	1700	1700	1700
Length of working table mm	1600	2000	1600	2500	2500	3200	4000	2500	3200	4000	2500	3200	4000	5000	6000
Distance between uprights mm	1300	2000	1300	2000	2000	2500	3200	2000	2500	3200	2000	2500	3200	4000	5000
Throat deptht mm	320	320	400	400	450	450	450	450	450	450	450	450	450	450	450
Ram stroke mm	225	225	225	225	225	225	225	225	225	225	225	225	225	225	225
Throat Height mm	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Motor power KW	5.5	5.5	7.5	7.5	9	9	9	9	9	9	11	11	11	11	11
Weight KG	3000	3500	4500	6000	7000	80000	9000	7200	8200	9200	8000	95000	11000	13000	15000
(L*W*H) mm	1800×1600×2100	2600×1600×2100	1800×1750×2300	2600×1750×2300	2600×1800×2500	3400×1800×2500	4200×1800×2500	2600×1800×2500	3400×1800×2500	4200×1800×2500	2600×1900×2600	3400×1900×2700	4200×1900×2700	5200×1900×2700	6200×1900×2700

Technical Specifications of Hydraulic Presses														
Machine too model	220T/3200	220T/4000	220T/5000	220T/6000	250T/3200	250T/4000	250T/5000	250T/6000	300T/3200	300T/4000	300T/5000	300T/6000	400T/3200	400T/4000
Nominal Pressure KN	2200	2200	2200	2200	2500	2500	2500	2500	3000	3000	3000	3000	4000	4000
Length of working table mm	2000	2500	3000	4000	2000	2500	3000	4000	2000	2500	3000	4000	2000	2500
Distance between uprights mm	4500	4500	4500	4500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Throat deptht mm	450	450	450	450	500	500	500	500	500	500	500	500	500	500
Ram stroke mm	250	250	250	250	250	250	250	250	250	250	250	250	280	280
Throat Height mm	500	500	500	500	500	500	500	500	500	500	500	500	600	600
Motor power KW	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	22	22	22	22	22	22
Weight KG	11500	13000	16000	19000	13000	15000	17000	19000	15000	17000	20000	23000	18000	20000
(L*W*H) mm	3400×1900×2750	4300×1900×2750	5300×1900×2750	6300×1900×2750	3500×2000×2800	4500×2000×2800	5500×2000×2800	6500×2000×2800	3500×2100×2900	4500×2100×2900	5500×2100×2900	6500×2100×2900	3500×2100×2900	4500×2100×3000

Machine too model	400T/50 00	400T/60 00	500T/32 00	500T/40 00	500T/50 00	500T/60 00	600T/32 00	600T/40 00	600T/50 00	600T/60 00	800T/32 00	800T/40 00	800T/50 00	800T/60 00
Nominal Pressure KN	4000	4000	5000	5000	5000	5000	6000	6000	6000	6000	6000	6000	8000	8000
Length of working table mm	5000	6000	3200	4000	5000	6000	3200	4000	5000	6000	3200	4000	5000	6000
Distance between uprights mm	4000	5000	2500	5200	4000	5000	2500	3200	4000	5000	2500	3200	4000	5000
Throat deptht mm	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Ram stroke mm	280	280	280	280	280	280	280	280	280	280	300	300	300	300
Throat Height mm	600	600	600	600	600	600	600	600	600	600	600	600	600	600
Motor power KW	22	22	30	30	30	30	30	30	30	30	45	45	45	45
Weight KG	23000	27000	25000	33000	39000	45000	38000	43000	48000	53000	35000	43000	51000	60000
(L*W*H) mm	5500×21 00×3000	6500×21 00×3000	3500×23 50×3400	3500×23 50×3400	3500×23 50×3400	3500×23 50×3400	3500×25 50×3700	4500×23 50×3700	5500×25 50×3700	6500×25 50×3700	3500×27 50×3900	3500×27 50×3900	3500×27 50×3900	3500×27 50×3900

Electro Hydraulic Synchronous CNC Bending Machine

- **Intelligent Revolution:** Algorithms automatically optimize power distribution, raising processing efficiency by 30%.
- **Control System:** Equipped with German Rexroth electro-hydraulic servo valve sets and Japanese Yaskawa servo motors; pressure response time reaches 0.1 seconds, compared with 0.8 seconds of traditional hydraulic machines.
- **Intelligent Compensation:** Automatically detect sheet thickness and material, dynamically adjust deflection compensation values, with machining error $\leq \pm 0.01$ mm.
- **Power Revolution:** Dual electro-hydraulic drive mode, pressure range from 40 to 2000 tons, suitable for full-scenario processing requirements.
- **Energy-Saving Revolution:** Cut annual electricity costs by over 80%, reduce hydraulic oil consumption by 70% and lower maintenance costs by 50%.
- **Low-Noise Revolution:** Operating noise below 60 decibels to build an eco-friendly production environment..



Precise and Fast Backgauge

- The X and R axes are driven by ball screws and linear guide rails
- to ensure high positioning accuracy and a long service life.
- Custom widened and lengthened backstops are equipped,
- with backstop supports fitted with dual linear guide rails.
- Custom CNC Z1 and Z2 axes are also available
- to satisfy your application requirements.



Press Brake – CNC Control System

Taiwan Qiaohong SCS900 (High-end Intelligent Model)

1. 21.5-inch industrial capacitive touch screen with 1920 × 1080 resolution

Industrial 4-core ARM CPU (1.6GHz), 8GB Flash memory and 2GB RAM

2. Handwheel optional

3. Built-in buzzer provides user-friendly reminder once operation is finished

4. Milled aluminum panel equipped with fully laminated tempered glass capacitive screen for attractive appearance and high reliability

5. Standard USB Wi-Fi module enables remote debugging and program updates

6. Supports MES connection, MQTT and OPC UA protocols

7. Power consumption statistics function (optional)



Press Brake – CNC Control System

Swiss Cybelec CybTouch 12 (CT12)

Core Positioning: European brand specialized in high precision and automation.

Key Functional Highlights:

- 3D Bending Simulation: After importing STEP models, the system previews the whole bending process in real time to detect die collisions in advance, such as interference of automobile panel dies.
- Optimized Electro-Hydraulic Synchronization: Deeply optimized for dual-servo systems. The synchronization accuracy of Y1 and Y2 axes reaches ± 0.005 mm, ideal for aerospace-grade precision machining.
- Intelligent Compensation: Built-in material database covering stainless steel, aluminum alloy and high-strength steel, which automatically loads corresponding bending parameters.



Technical Parameters

Machine too model	40T/1600	40T/2500	70T/1600	70T/2500	110T/2500	110T/3200	110T/4000	130T/2500	130T/3200	130T/4000	170T/2500	170T/3200	170T/4000	170T/5000	170T/6000
Nominal Pressure KN	400	400	700	700	1100	1100	1100	1300	1300	1300	1700	1700	1700	1700	1700
Length of working table mm	1600	2000	1600	2500	2500	3200	4000	2500	3200	4000	2500	3200	4000	5000	6000
Distance between uprights mm	1300	2000	1300	2000	2000	2500	3200	2000	2500	3200	2000	2500	3200	4000	5000
Throat deptht mm	320	320	400	400	450	450	450	450	450	450	450	450	450	450	450
Ram stroke mm	225	225	225	225	225	225	225	225	225	225	225	225	225	225	225
Throat Height mm	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Motor power KW	5.5	5.5	7.5	7.5	9	9	9	9	9	9	11	11	11	11	11
Weight KG	3000	3500	4500	6000	7000	80000	9000	7200	8200	9200	8000	95000	11000	13000	15000
(L*W*H) mm	1800×1600×2100	2600×1600×2100	1800×1750×2300	2600×1750×2300	2600×1800×2500	3400×1800×2500	4200×1800×2500	2600×1800×2500	3400×1800×2500	4200×1800×2500	2600×1900×2600	3400×1900×2700	4200×1900×2700	5200×1900×2700	6200×1900×2700

Technical Specifications of Machine Tools														
Machine too model	220T/3200	220T/4000	220T/5000	220T/6000	250T/3200	250T/4000	250T/5000	250T/6000	300T/3200	300T/4000	300T/5000	300T/6000	400T/3200	400T/4000
Nominal Pressure KN	2200	2200	2200	2200	2500	2500	2500	2500	3000	3000	3000	3000	4000	4000
Length of working table mm	2000	2500	3000	4000	2000	2500	3000	4000	2000	2500	3000	4000	2000	2500
Distance between uprights mm	4500	4500	4500	4500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Throat deptht mm	450	450	450	450	500	500	500	500	500	500	500	500	500	500
Ram stroke mm	225	250	250	250	250	250	250	250	250	250	250	250	280	280
Throat Height mm	500	500	500	500	500	500	500	500	500	500	500	500	600	600
Motor power KW	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	22	22	22	22	22	22
Weight KG	11500	13000	16000	19000	13000	15000	17000	19000	15000	17000	20000	23000	18000	20000
(L*W*H) mm	3400×1900×2750	4300×1900×2750	5300×1900×2750	6300×1900×2750	3500×2000×2800	4500×2000×2800	5500×2000×2800	6500×2000×2800	3500×2100×2900	4500×2100×2900	5500×2100×2900	6500×2100×2900	3500×2100×2900	4500×2100×3000

Machine too model	400T/5000	400T/6000	500T/3200	500T/4000	500T/5000	500T/6000	600T/3200	600T/4000	600T/5000	600T/6000	800T/3200	800T/4000	800T/5000	800T/6000
Nominal Pressure KN	4000	4000	5000	5000	5000	5000	6000	6000	6000	6000	6000	6000	8000	8000
Length of working table mm	5000	6000	3200	4000	5000	6000	3200	4000	5000	6000	3200	4000	5000	6000
Distance between uprights mm	4000	5000	2500	5200	4000	5000	2500	3200	4000	5000	2500	3200	4000	5000
Throat deptht mm	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Ram stroke mm	225	280	280	280	280	280	280	280	280	280	300	300	300	300
Throat Height mm	600	600	600	600	600	600	600	600	600	600	600	600	600	600
Motor power KW	22	22	30	30	30	30	30	30	30	30	45	45	45	45
Weight KG	23000	27000	25000	33000	39000	45000	38000	43000	48000	53000	35000	43000	51000	60000
(L*W*H) mm	5500×2100×3000	6500×2100×3000	3500×2350×3400	3500×2350×3400	3500×2350×3400	3500×2350×3400	3500×2550×3700	4500×2350×3700	5500×2550×3700	6500×2550×3700	3500×2750×3900	3500×2750×3900	3500×2750×3900	3500×2750×3900

Pure electric servo CNC bending machine

Pure Electric Servo
High-Performance CNC Bending
Machine – Electric Drive
Pro Pure Electric Servo Bending Machine



Fully electric servo CNC press brake, highly energy-saving and eco-friendly.

Superior Energy Efficiency

The power consumption difference between fully electric servo press brakes and electro-hydraulic servo models is comparable to inverter air conditioners versus conventional ones.

The machine automatically outputs matched power based on working conditions, with power consumption below 0.5kW at idle for remarkable energy savings.

Eco-Friendly Performance

No hydraulic oil filling or replacement required, eliminating environmental pollution from waste hydraulic oil.

Electric Power Future: Intelligent Control Without Limits

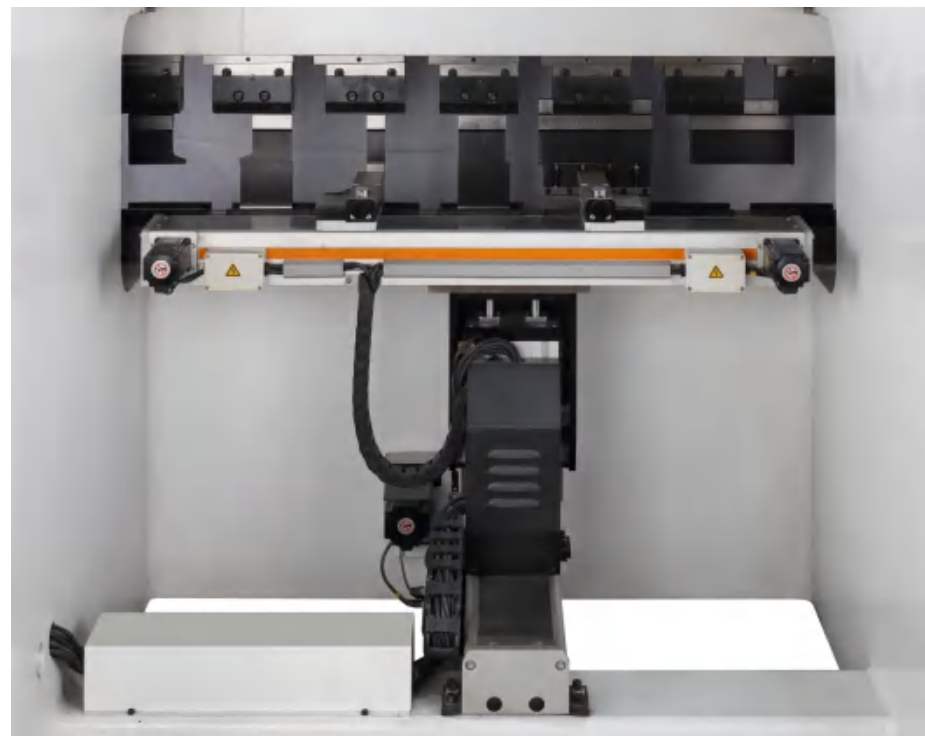
Model	Average Power	Annual Working Hours	Annual Power Consumption
40-Ton Full-Electric Servo Press Brake	Approx. 1 kW	3,000 h	3,000 kWh
40-Ton Hydraulic Press Brake	Approx. 4.5 kW	3,000 h	13,500 kWh

Annual Power Saving: $13,500 - 3,000 = 10,500$ kWh; 5-Year Power Saving: 52,500 kWh!

Pure electric servo system with high precision configuration



High-precision rapid mold clamps and premium molds (customized according to product requirements)



X1, X2, Z1, Z2 (4 axes): High-precision CNC rear material feeding system

Technical Specifications of Hydraulic Presses												
Machine Model	40T/1500	40T/2000	70T/1600	70T/2500	70T/3200	70T/4000	110T/1600	110T/2500	110T/3200	110T/4000	110T/5000	110T/6000
Nominal Pressure (kN)	400	400	630	630	800	800	800	1000	1000	1000	1000	1000
Worktable Length (cm)	150	320	250	320	250	320	400	250	320	400	500	600
Column Distance (cm)	125	185	200	250	200	250	320	200	250	320	430	540
Throat Depth (cm)	28	28	30	30	32	32	32	32	32	35	35	35
Ram Stroke (cm)	10	10	10	10	10	10	10	12	12	12	14	14
Maximum Opening Height (cm)	32	32	32	32	32	35	35	37	37	37	37	37
Main Motor Power (kW)	5.5	5.5	5.5	5.5	7.5	7.5	7.5	11	11	11	11	11
Weight (kg)	2750	3000	4000	4800	5700	6020	7000	6000	6500	7500	8600	9800
Length L (cm)	220	250	250	320	250	320	400	250	320	400	520	620
Width W (cm)	120	120	140	140	150	150	150	160	160	160	165	165
Height H (cm)	191	191	221	220	230	230	240	240	240	245	260	263

Machine Model	130T/1600	130T/2500	130T/3200	130T/4000	130T/5000	130T/6000	170T/2500	170T/3200	170T/4000	170T/5000	170T/6000
Nominal Pressure (KN)	1250	1250	1600	1600	1600	1600	2000	2000	2000	2000	2500
Working Table Length (cm)	320	400	320	400	500	600	320	400	500	600	320
Column Spacing (cm)	250	320	260	320	400	500	250	300	400	500	250
Throat Depth (cm)	32	32	32	32	32	32	32	32	32	32	40
Ram Stroke (cm)	12	12	20	20	20	20	20	20	20	20	25
Max Opening Height (cm)	37	37	46	46	46	46	46	46	46	46	59
Main Motor Power (KW)	11	11	11	11	11	11	18.5	18.5	18.5	18.5	18.5
Weight (kg)	6900	8200	9000	10500	16500	19000	12500	13000	16500	20000	20000
Length L (cm)	320	400	320	400	500	600	320	400	500	600	325
Width W (cm)	160	160	170	170	170	170	195	195	195	195	200
Height H (cm)	245	245	270	270	270	270	280	280	300	300	320

WC67K Double-Servo Bending Machine

"Technological equality" in the entry-level market

The WC67K bending machine adopts dual servo drive and CNC system. It delivers high-end bending accuracy of $\pm 0.01\text{mm}$ and intelligent features at entry-level prices.

Standard multi-step programming enables automatic multi-cycle operation, continuous positioning and quick clamping, balancing cost performance and ease of use. It's ideal for small and medium sheet metal factories upgrading from manual to automatic equipment.

For higher efficiency, optional electro-hydraulic synchronous upgrade ($\pm 0.005\text{mm}$ precision) or robot loading/unloading interface supports flexible production.



WC67K Dual-Servo Bending Machine – Specifications



- ♦ The main machine adopts WC67K series model, equipped with an economical dedicated CNC system featuring multi-step programming. It supports automatic multi-program cycle operation, continuous positioning, as well as automatic precise adjustment of backgauge and ram positions.
- ♦ Bending counter function to display production quantity in real time; power-off memory for backgauge & ram positions, programs and parameters.
- ♦ The backgauge adopts imported ball screw to guarantee positioning accuracy and higher machining precision of the machine.

Comprehensive Machine Specifications and Performance Data															
Technical Parameters							Performance Metrics								
Machine Model	40T/1500	40T/2000	40T/2500	63T/1600	63T/2500	63T/3200	80T/2500	80T/3200	100T/2500	100T/3200	100T/4000	100T/5000	125T/2500	125T/3200	125T/4000
Nominal Pressure	400	400	400	630	630	630	800	800	1000	1000	1000	1000	1250	1250	1250
Working Table Length	1500	2000	2500	1600	2500	3200	2500	3200	2500	3200	4000	5000	2500	3200	4000
Column Spacing	1250	1800	2000	1250	2000	2500	2000	2500	2000	2500	3200	4200	2000	2500	3200
Throat Depth	280	280	300	300	300	300	320	320	320	320	350	350	320	320	320
Ram Stroke	100	100	100	100	100	100	100	100	120	120	120	140	120	120	120
Max Opening Height	320	320	320	320	320	320	350	350	370	370	370	370	370	370	370
Motor Power	5.5	5.5	5.5	5.5	5.5	7.5	7.5	7.5	11	11	11	11	11	11	11
Approx. Weight	2750	3000	4000	4800	4800	5700	6020	6500	7000	6500	7500	8600	9800	10500	11000
Overall Dimensions (L×W×H)	200×1200×1910	2300×1200×1910	2500×1400×2210	2000×1400×2210	2800×1400×2210	3500×1400×2300	2700×1500×2300	3500×1500×2300	2800×1600×2400	3500×1600×2400	4300×1600×2430	5200×1650×2630	2800×1600×2450	3500×1600×2450	4200×1600×2450

Comprehensive Machine Specifications and Performance Data															
Machine Model	160T/2500	160T/3200	160T/4000	160T/6000	200T/2500	200T/3200	200T/4000	200T/5000	250T/2500	250T/3200	250T/4000	250T/5000	300T/2500	300T/3200	300T/4000
Nominal Pressure	1600	1600	1600	1600	2000	2000	2000	2000	2500	2500	2500	2500	3000	3000	3000
Working Table Length	2500	3200	4000	6000	2500	3200	4000	5000	2500	3200	4000	5000	2500	3200	4000
Column Spacing	2000	2600	3200	5000	2000	2500	3000	4000	2000	2500	3000	4000	2000	2500	3000
Throat Depth	320	320	320	320	320	320	320	320	400	400	400	400	400	400	400
Ram Stroke	200	200	200	200	200	200	200	200	250	250	250	250	250	250	250
Max Opening Height	460	460	460	460	460	460	460	460	590	590	590	590	590	590	590
Motor Power	11	11	11	11	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	22	22	22
Approx. Weight	9200	10500	16500	19000	12500	13000	16500	20000	20000	23000	26000	28000	24000	28000	35000
Overall Dimensions (L×W×H)	3200×1700×2700	4000×1700×2700	5000×1700×2700	6600×1700×2700	3200×1900×2800	4000×1950×2800	5000×1950×2800	6000×1950×2800	3200×2000×3300	4000×2000×3400	5000×2000×3400	6000×2000×3400	4000×2000×3450	5000×2000×3450	6000×2000×3450

Machine Specifications and Performance Data														
Machine Model	300T/6000	400T/2500	400T/3200	400T/4000	400T/6000	500T/2500	500T/3200	500T/4000	600T/2500	600T/4000	600T/6000	800T/2500	800T/4000	800T/6000
Nominal Pressure	3000	4000	4000	4000	4000	5000	5000	5000	6000	6000	6000	8000	8000	8000
Working Table Length	6000	2500	3200	4000	6000	2500	3200	4000	2500	4000	6000	2500	4000	6000
Column Spacing	5000	2000	2500	3000	5000	2000	2500	3000	2000	3000	5000	2000	3000	5000
Throat Depth	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Ram Stroke	250	250	250	250	250	300	300	300	320	320	320	320	320	320
Max Opening Height	590	590	590	590	590	590	590	590	590	590	590	590	590	590
Motor Power	22	30	30	30	30	45	45	45	55	55	55	55	55	55
Approx. Weight	40000	26000	32500	37000	45000	57000	57000	45000	45000	70000	70000	65000	85000	95000
Overall Dimensions (L×W×H)	6000×2000×3450	4000×2180×3500	5000×2180×3500	6000×2180×3500	6050×3500×3700	6050×3500×3700	6050×3500×3700	6050×3500×3700	4050×4500×3700	4500×4500×3700	4500×4500×3700	6300×4500×6000	6300×4500×6000	6300×4500×6000

QC11Y (K) Plate Cutting Machine

Structure and Performance

- Welded steel frame with FEA design & vibration stress relief for stable body.
- Three-point rolling guides eliminate clearance for higher cutting accuracy.
- Compact integrated hydraulic valve block, easy maintenance.
- Smooth fast return via accumulator; handwheel quick blade gap adjustment.
- Adjustable shear angle minimizes sheet warpage.



Technical Specifications and Performance Data												
Type	4×2500	4×3200	4×4000	6×2500	6×3200	6×4000	8×2500	8×3200	8×4000	10×2500	10×3200	10×4000
Thickness (mm)	4	4	4	6	6	6	8	8	8	10	10	10
Width (mm)	2500	3200	4000	2500	3200	4000	2500	3200	4000	2500	3200	4000
Shearing Angle (°)	0.5-1.5	0.5-1.5	0.5-1.5	0.5-2	0.5-2	0.5-2	0.5-2	0.5-2	0.5-2	0.5-2.5	0.5-2.5	0.5-2.5
Strokes (times/min)	16-18	14-16	12-14	14-16	12-14	10-12	12-14	10-12	8-10	10-12	8-10	6-8
Back Gauge (mm)	500	500	500	500	500	500	500	500	500	500	500	500
Blade Length (mm)	2600	3300	4100	2600	3300	4100	2600	3300	4100	2600	3300	4100
Throat Depth (mm)	100	100	100	100	100	100	120	120	120	120	120	120
Main Motor (kw)	5.5	7.5	7.5	7.5	11	11	11	15	15	15	18.5	22
Hydraulic Pressure (Mpa)	25	25	25	25	25	25	25	25	25	25	25	25
Pump Model	6.3MCY14-1B	10MCY14-1B	10MCY14-1B	10MCY14-1B	10MCY14-1B	16MCY14-1B	16MCY14-1B	16MCY14-1B	25MCY14-1B	16MCY14-1B	25MCY14-1B	25MCY14-1B
Weight (kg)	3200	4200	5500	3800	4800	6200	4500	5600	7200	5200	6500	8500
Overall Dimensions (mm)	2550×1650×1700	3250×1700×1800	4050×1750×1900	2550×1700×1800	3250×1750×1900	4050×1800×2000	2550×1750×1900	3250×1800×2000	4050×1850×2100	2550×1800×2000	3250×1850×2100	4050×1900×2200

Type	12×2500	12×3200	12×4000	16×2500	16×3200	16×4000	20×2500	20×3200	20×4000	25×2500	25×3200	25×4000	30×2500	30×3200	30×4000
Thickness (mm)	12	12	12	16	16	16	20	20	20	25	25	25	30	30	30
Width (mm)	2500	3200	4000	2500	3200	4000	2500	3200	4000	2500	3200	4000	2500	3200	4000
Shearing Angle (°)	0.5-3	0.5-3	0.5-3	1-3	1-3	1-3	1-3.5	1-3.5	1-3.5	1.5-4	1.5-4	1.5-4	2-4	2-4	2-4
Strokes (times/min)	8-10	6-8	5-7	6-8	5-7	4-6	5-7	4-6	3-5	4-6	3-5	3-4	3-5	3-4	2-3
Back Gauge (mm)	500	500	500	600	600	600	600	600	600	600	600	600	600	600	600
Blade Length (mm)	2600	3300	4100	2600	3300	4100	2600	3300	4100	2600	3300	4100	2600	3300	4100
Throat Depth (mm)	150	150	150	150	150	150	200	200	200	200	200	200	250	250	250
Main Motor (kw)	18.5	22	30	22	30	37	30	37	45	37	45	55	45	55	75
Hydraulic Pressure (Mpa)	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Pump Model	25MCY14-1B	25MCY14-1B	40MCY14-1B	25MCY14-1B	40MCY14-1B	40MCY14-1B	40MCY14-1B	40MCY14-1B	63MCY14-1B	40MCY14-1B	63MCY14-1B	63MCY14-1B	63MCY14-1B	63MCY14-1B	80MCY14-1B
Weight (kg)	6000	7500	9800	7500	9200	12000	9000	11000	14500	10500	13000	17000	12500	15500	20000
Overall Dimensions (mm)	2550×1850×2100	3250×1900×2200	4050×2000×2300	2550×1950×2200	3250×2000×2300	4050×2100×2400	2550×2050×2300	3250×2100×2400	4050×2200×2500	2550×2150×2400	3250×2200×2500	4050×2300×2600	2550×2250×2500	3250×2300×2600	4050×2400×2700

QC12Y (K) Plate Cutting Machine

product features

A60 CNC System

- 2.8-inch industrial monochrome display with concise HMI.
- Chinese/English language switchable.
- Automatic metric/imperial unit conversion.
- Single/multi-step processing modes, up to 99 programmable steps;
- Parameter backup & restore function.
- The machine adopts an all-welded structure with sufficient strength and rigidity.
- Multi-step programming enables automatic continuous positioning of backgauge for precise adjustment.
- Built-in cutting counter; power-off memory saves backgauge position, programs and parameters.
- Imported ball screw for backgauge guarantees accurate positioning.
- Light line alignment device facilitates scribing cutting.



Model	4×2500	4×3200	4×4000	6×2500	6×3200	6×4000	8×2500	8×3200	8×4000
Shear Thickness (mm)	4	4	4	6	6	6	8	8	8
Shear Width (mm)	2500	3200	4000	2500	3200	4000	2500	3200	4000
Shearing Angle (°)	1.5	1.5	1.5	2	2	2	2	2	2
Strokes (times/min)	16	14	12	14	12	10	12	10	8
Back Gauge Range (mm)	500	500	500	500	500	500	500	500	500
Blade Length (mm)	2600	3300	4100	2600	3300	4100	2600	3300	4100
Throat Depth (mm)	100	100	100	100	100	100	120	120	120
Main Motor (kw)	5.5	7.5	7.5	7.5	11	11	11	15	15
Hydraulic Pressure (Mpa)	25	25	25	25	25	25	25	25	25
Pump Model	6.3MCY14-1B	10MCY14-1B	10MCY14-1B	10MCY14-1B	10MCY14-1B	16MCY14-1B	16MCY14-1B	16MCY14-1B	25MCY14-1B
Weight (kg)	3200	4200	5500	3800	4800	6200	4500	5600	7200
Overall Dimensions (mm)	2500×1600×1700	3200×1650×1800	4000×1700×1900	2500×1650×1800	3200×1700×1900	4000×1750×2000	2500×1700×1900	3200×1750×2000	4000×1800×2100

Technical Specifications and Performance Data												
Model	10×2500	10×3200	10×4000	12×2500	12×3200	12×4000	16×2500	16×3200	16×4000	20×2500	20×3200	20×4000
Shear Thickness (mm)	10	10	10	12	12	12	16	16	16	20	20	20
Shear Width (mm)	2500	3200	4000	2500	3200	4000	2500	3200	4000	2500	3200	4000
Shearing Angle (°)	2.5	2.5	2.5	3	3	3	3	3	3	3.5	3.5	3.5
Strokes (times/min)	10	8	6	8	6	5	6	5	4	5	4	3
Back Gauge Range (mm)	500	500	500	500	500	500	600	600	600	600	600	600
Blade Length (mm)	2600	3300	4100	2600	3300	4100	2600	3300	4100	2600	3300	4100
Throat Depth (mm)	120	120	120	150	150	150	150	150	150	200	200	200
Main Motor (kw)	15	18.5	22	18.5	22	30	22	30	37	30	37	45
Hydraulic Pressure (Mpa)	25	25	25	25	25	25	25	25	25	25	25	25
Pump Model	16MCY14-1B	25MCY14-1B	25MCY14-1B	25MCY14-1B	25MCY14-1B	40MCY14-1B	25MCY14-1B	40MCY14-1B	40MCY14-1B	40MCY14-1B	40MCY14-1B	63MCY14-1B
Weight (kg)	5200	6500	8500	6000	7500	9800	7500	9200	12000	9000	11000	14500
Overall Dimensions (mm)	2500×1750×2000	3200×1800×2100	4000×1850×2200	2500×1800×2100	3200×1850×2200	4000×1900×2300	2500×1900×2200	3200×1950×2300	4000×2000×2400	2500×2000×2300	3200×2050×2400	4000×2150×2500

W12 Hydraulic Four-Roll Plate Rolling Machine

1、 Product Overview

W12 hydraulic four-roll bending machine (Model W12-25×2500): one-step pre-bend, roll & straighten without plate flipping. Produces cylinders, cones and special arcs for heavy industries. CE certified for export.

2、 Core Structural Advantages

Heavy blue-white welded rigid frame. Four tempered wear-resistant alloy rolls, top-bottom drive with side roll clamping. Hydraulic servo + digital positioning for slip-free rolling, higher precision than 3-roll machines.



W12 Series Rollers														
Model	W12-4×2000	W12-6×2000	W12-8×2000	W12-10×2000	W12-12×2000	W12-16×2000	W12-20×2000	W12-25×2000	W12-30×2000	W12-35×2000	W12-40×2000	W12-45×2000	W12-50×2000	W12-4×2500
Max. Bending Thickness (mm)	4	6	8	10	12	16	20	25	30	35	40	45	50	4
Pre-bending Thickness (mm)	3.5	5	6.5	8	10	13	16	20	25	28	32	36	40	3.5
Max. Working Length (mm)	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2550
Yield Limit (Mpa)	245	245	245	245	245	245	245	245	245	245	245	245	245	245
Top Roller Diameter (mm)	160	190	210	230	250	300	330	360	390	430	460	510	510	190
Bottom Roller Diameter (mm)	140	170	190	210	230	270	300	330	360	390	420	460	460	170
Side Roller Diameter (mm)	120	150	170	190	210	240	260	290	320	330	360	390	420	150
Main Power (Kw)	3	4	5.5	7.5	11	11	15	15	18.5	22	30	37	45	4

Technical Specifications of W12 Series Rollers													
Model	W12-6×2500	W12-8×2500	W12-10×2500	W12-12×2500	W12-16×2500	W12-20×2500	W12-25×2500	W12-30×2500	W12-35×2500	W12-40×2500	W12-45×2500	W12-50×2500	W12-4×3100
Max. Bending Thickness (mm)	6	8	10	12	16	20	25	30	35	40	45	50	4
Pre-bending Thickness (mm)	5	6.5	8	10	13	16	20	25	28	32	36	40	3.5
Max. Working Length (mm)	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	3100
Yield Limit (Mpa)	245	245	245	245	245	245	245	245	245	245	245	245	245
Top Roller Diameter (mm)	210	230	250	270	300	330	360	430	460	510	510	570	230
Bottom Roller Diameter (mm)	190	210	230	250	270	300	330	390	420	460	460	520	210
Side Roller Diameter (mm)	170	190	210	220	240	260	290	330	360	390	420	450	170
Main Power (Kw)	5.5	7.5	11	11	15	15	18.5	22	30	37	45	45	5.5

Comprehensive Performance Metrics for Industrial Rollers													
Model	W12-6×3100	W12-8×3100	W12-10×3100	W12-12×3100	W12-16×3100	W12-20×3100	W12-25×3100	W12-30×3100	W12-35×3100	W12-40×3100	W12-45×3100	W12-50×3100	W12-60×3100
Max. Bending Thickness (mm)	6	8	10	12	16	20	25	30	35	40	45	50	60
Pre-bending Thickness (mm)	5	6.5	8	10	13	16	20	25	28	32	36	40	48
Max. Working Length (mm)	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100
Yield Limit (Mpa)	245	245	245	245	245	245	245	245	245	245	245	245	245
Top Roller Diameter (mm)	270	270	300	330	360	430	460	510	570	570	610	610	670
Bottom Roller Diameter (mm)	250	250	270	300	330	390	420	460	510	520	560	560	620
Side Roller Diameter (mm)	210	220	240	250	290	330	350	390	420	450	480	480	520
Main Power (Kw)	7.5	11	11	15	18.5	22	30	37	45	45	55	55	75

W11S Large Upper Roll Universal Plate Rolling Machine

1、Product Overview

W11S heavy universal 3-roll bending machine based on three-point rounding technology. It rolls thick high-strength steel into arcs, cylinders and cones with integrated pre-bending, rolling and unloading, ideal for pressure vessel, steel structure and pipeline industries.

2、Core Structure and Working Principle

Composed of frame, hydraulic lift, electric traverse, roller system, unloading support, motors and cylinders; coordinated multi-power system for complete rolling procedures.



Technical Specifications of W11S Series Rollers													
Model	W11S-4×2000	W11S-6×2000	W11S-8×2000	W11S-10×2000	W11S-12×2000	W11S-16×2000	W11S-20×2000	W11S-25×2000	W11S-30×2000	W11S-32×2000	W11S-40×2000	W11S-50×2000	W11S-60×2000
Pressure of Top Roller (Tons)	18	27	36	45	54	72	90	113	135	144	180	225	270
Max. Bending Thickness (mm)	4	6	8	10	12	16	20	25	30	32	40	50	60
Pre-bending Thickness (mm)	3.5	5	6.5	8	10	13	16	20	25	26	32	40	48
Max. Bending Width (mm)	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050
Top Roller Diameter (mm)	160	190	210	230	250	290	320	360	400	420	480	550	620
Bottom Roller Diameter (mm)	140	170	190	210	230	260	290	320	360	370	420	480	540
Central Distance (mm)	200	240	260	290	320	370	410	460	510	530	600	690	780
Motor-Total (Kw)	3	4	5.5	7.5	11	11	15	15	18.5	18.5	22	30	30
Motor-Hydraulic (Kw)	2.2	3	4	5.5	7.5	7.5	11	11	15	15	18.5	22	22
Motor-Main (Kw)	1.5	2	2.2	3	4	5.5	5.5	7.5	7.5	7.5	11	11	15

Model	W11S-4×2500	W11S-6×2500	W11S-8×2500	W11S-10×2500	W11S-12×2500	W11S-16×2500	W11S-20×2500	W11S-25×2500	W11S-30×2500	W11S-32×2500	W11S-40×2500	W11S-50×2500	W11S-60×2500
Pressure of Top Roller (Tons)	22	33	44	55	66	88	110	138	165	176	220	275	330
Max. Bending Thickness (mm)	4	6	8	10	12	16	20	25	30	32	40	50	60
Pre-bending Thickness (mm)	3.5	5	6.5	8	10	13	16	20	25	26	32	40	48
Max. Bending Width (mm)	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550
Top Roller Diameter (mm)	180	210	240	260	280	320	360	400	440	460	530	600	680
Bottom Roller Diameter (mm)	160	190	210	230	250	290	320	360	400	410	470	530	600
Central Distance (mm)	230	270	310	340	370	420	470	520	570	590	680	770	870
Motor-Total (Kw)	4	5.5	7.5	11	11	15	15	18.5	22	22	30	37	45
Motor-Hydraulic (Kw)	3	4	5.5	7.5	7.5	11	11	15	18.5	18.5	22	30	37
Motor-Main (Kw)	2	2.2	3	4	5.5	5.5	7.5	7.5	7.5	11	11	15	15

High-performance press machine



Product Overview

High-performance stamping machines are versatile workhorses in metal processing, capable of rapidly and accurately forming various components—from smartphone cases to automotive chassis structures. They enhance production efficiency and reduce costs for factories, making them essential core equipment in manufacturing.

Application Fields

Auto industry: Body stamping, NEV battery housing forming

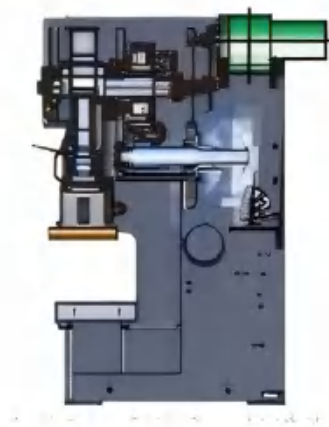
3C electronics: Precision frames, casings & connectors

Home goods: AC panels, fridge liners, furniture hardware mass production

Aerospace: Titanium alloy & composite cutting

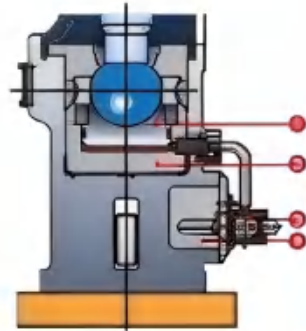
High-performance Press Machine – Configuration

High-frequency torque dry brake system



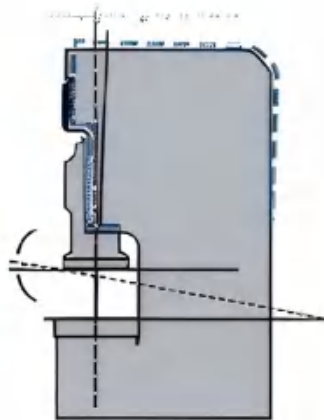
- High performance, high efficiency, low inertia
- High torque, low noise, dust-free
- Long service life and low cost

High-sensitivity load protection device



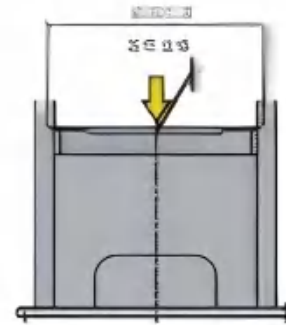
1. Hydraulic cylinder piston
2. The oil is in a measured package.
3. The food is of guaranteed quality.
4. oil box

Ultra-high rigidity body

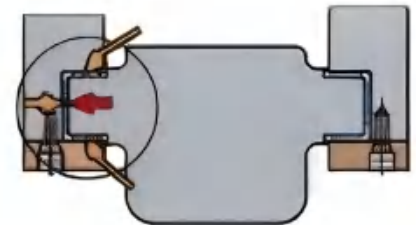


Optimization of structural rigidity, significant improvement in the precision of stamped products, and effective extension of mold lifespan.

Minimum body deformation



High-precision six-sided path following



The ultra-long guide path offers high precision, with lateral forces directly absorbed by the housing, ensuring exceptional stability in guidance accuracy.

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C-frame two-point press

- Friction components including crankshafts, gears and gear shafts are all heat-treated followed by grinding, delivering exceptional wear resistance and smooth power transmission.
- Compatible with any automatic feeding mechanism to enable fully automated production, cutting production costs and boosting productivity.
- Equipped with a user-friendly operation interface for intuitive and straightforward operation.
- Designed with advanced concepts to achieve low noise and low energy consumption for power savings. Adopting variable-frequency energy-saving technology, a single punch press can reduce energy consumption by 30% compared with conventional models.
- The highly responsive clutch and brake assembly is fitted with high-efficiency dual solenoid valves and overload protection devices, ensuring precise stroke and stop control of the ram as well as operational safety.
- The machine frame features high rigidity and precision. Fabricated via steel plate welding and subject to heat treatment, internal residual stress of the frame is eliminated.
- Uniform stress distribution across structural components ensures balanced and consistent rigidity.
- The ram adjustment mechanism offers an adjustment accuracy up to 0.1 mm, enabling safer and faster adjustment operations.
- The transmission center aligns perfectly with the overall machine center to guarantee stamping precision and stable equipment operation.
- This machine is equipped with a ram balancing device to maintain steady ram movement during operation.



Model	unit	BLPC-110(V)	BLPC-110(H)	BLPC-160(V)	BLPC-160(H)	BLPC-200(V)	BLPC-200(H)	BLPC-250(V)	BLPC-250(H)	BLPC-315(V)	BLPC-315(H)
Nominal Capacity	kN	1100	1100	1600	1600	2000	2000	2500	2500	3150	3150
Nominal Pressure Stroke	mm	5	3	6	3	6	3	7	3.5	7	3.5
Strokes of Slide	mm	180	110	200	130	250	150	280	170	300	170
Strokes per Minute	(S.P.M)	35-65	50-100	30-55	40-85	25-45	35-70	20-35	30-60	20-35	30-50
Max.Die Height	mm	400	435	450	485	500	550	550	605	550	615
Die Height Adjustment	mm	100		100		120		120		120	
Throat depth	mm	330		385		425		455		505	
Worktable Size	mm	1800x650x130		2000x760x150		2400x840x170		2700x900x170		2800x1000x190	
Slide Bottom Size	mm	1400x500x70		1600x550x70		1850x650x95		2300x700x95		2300x900x95	
Height of working face	mm	830		990		1070		1100		1190	
Distance between Column	mm	1510		1630		1980		2239		2340	
Main motor	kW*P	(vs)11*4		(vs)15*4		(vs)18.5*4		(vs)22*4		(vs)30*4	
Die height adjuster	kW	1.1		1.1		1.5		1.5		1.5	
Air Pressure	MPa	0.55		0.55		0.55		0.55		0.55	
Punch accuracy	\	一级G8(JIS1class									
(B*A*A*E) Overall Dimension	mm	1745x2000x3059		1940x2200x3709		2235x2620x3849		2545x3000x4304		2800x3070x4835	
Press weight	Ton	14		21		28		44		49	
Mold pod capacity	kN	36x2		63x2		100x2		140x2		140x2	
Ram stroke	mm	70		70		80		100		100	
Effective Area of Cushion	mm²	350x235x2		410x260x2		540x350x2		640x470x2		640x470x2	

Closed Single Point Power Press



Main Features

- Four-post straight-side frame design with front-rear symmetry delivers minimal deformation, suitable for all types of stamping operations. The BLPG series includes general-purpose and high-speed models.
- The frame is welded from high-quality steel plates, featuring high strength, superior rigidity and outstanding precision.
- The ram adopts four-corner eight-surface long guide rails, offering excellent guiding performance and high machine accuracy.
- The transmission shaft is equipped with flywheel structures with or without gears, which can be flexibly selected according to ram speed and stamping tonnage requirements.
- The crankshaft is connected to the box-type ram via connecting rods. This structure absorbs heavy loads and impact forces generated during high-speed stamping.

Technical Specifications of BLPG Series											
Parameter Name	BLPG-110(V)	BLPG-110(H)	BLPG-160(V)	BLPG-160(H)	BLPG-200(V)	BLPG-200(H)	BLPG-260(V)	BLPG-260(H)	BLPG-315(V)	BLPG-315(H)	BLPG-400(V)
Rated Tonnage (ton)	1100	1100	1600	1600	2000	2000	2600	2600	3150	3150	4000
Rated Tonnage Stroke (mm)	6	3	6	3	6	3	7	4	7	4	8
Ram Stroke (mm)	180	80	200	90	250	90	250	150	300	200	300
Strokes Per Minute (S.P.M)	30-60	60-130	20-50	50-100	20-50	50-100	20-40	45-80	20-35	25-45	15-30
Maximum Die Height (mm)	450	500	500	555	550	630	550	600	650	700	600
Die Height Adjustment Range (mm)	100	100	100	100	120	120	120	120	120	120	150
Distance Between Columns (mm)	900	900	1000	1000	1200	1200	1300	1300	1330	1330	1400
Bolster Plate Size (mm)	700x700x110	700x700x110	800x700x140	800x700x140	1000x900x160	1000x900x160	1100x900x180	1100x900x180	1100x1000x190	1100x1000x190	1200x1000x200
Ram Bottom Plate Size (mm)	700x600x80	700x600x80	700x700x90	700x700x90	900x800x90	900x800x90	1000x800x95	1000x800x95	1000x900x95	1000x900x95	1100x900x105
Bolster Thickness (mm)	110	110	140	140	160	160	180	180	190	190	200
Side Opening (L-R / U-D) (mm)	600x400	600x400	600x400	600x400	800x600	800x600	800x600	800x600	900x600	900x600	900x600
Bolster Height from Floor (mm)	840	840	900	900	1015	1015	1030	1030	1090	1090	1100
Working Energy (J)	7500	3000	10000	7000	15000	8000	20000	10000	30000	25000	35000
Main Motor (kW-Pole)	(vs)11*4	(vs)11*4	(vs)15*4	(vs)15*4	(vs)18.5*4	(vs)18.5*4	(vs)22*4	(vs)22*4	(vs)30*4	(vs)30*4	(vs)37*4
Die Height Adjustment Motor (kW-Pole)	0.75*4	0.75*4	1.5*4	1.5*4	1.5*4	1.5*4	1.5*4	1.5*4	1.5*4	1.5*4	2.2*4
Working Air Pressure (MPa)	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
Max Upper Die	800	800	800	800	1000	1000	1000	1000	1500	1500	1500

Technical Specifications of BLPG Series									
Parameter Name	BLPG-400(H)	BLPG-500(V)	BLPG-500(H)	BLPG-630(V)	BLPG-630(H)	BLPG-800(V)	BLPG-800(H)	BLPG-1000(V)	BLPG-1000(H)
Rated Tonnage (ton)	4000	5000	5000	6300	6300	8000	8000	10000	10000
Rated Tonnage Stroke (mm)	4	13	7	13	7	13	13	13	13
Ram Stroke (mm)	200	350	250	350	250	400	400	400	400
Strokes Per Minute (S.P.M)	20-35	10-25	15-30	15-20	15-25	15-20	15-20	15-20	15-20
Maximum Die Height (mm)	700	700	750	700	750	800	800	800	800
Die Height Adjustment Range (mm)	150	150	150	150	150	150	150	150	150
Distance Between Columns (mm)	1400	1550	1550	1550	1550	1750	1750	1850	1850
Bolster Plate Size (mm)	1200x1000x200	1300x1100x220	1300x1100x220	1300x1100x220	1300x1100x220	1300x1200x250	1300x1200x250	1600x1300x280	1600x1300x280
Ram Bottom Plate Size (mm)	1100x900x105	1200x1000x105	1200x1000x105	1200x1100x105	1200x1100x105	1400x1000x115	1400x1000x115	1500x1100x115	1500x1100x115
Bolster Thickness (mm)	200	220	220	250	250	260	260	280	280
Side Opening (L-R / U-D) (mm)	900x600	900x600	900x600	900x600	900x600	1000x700	1000x700	1000x700	1000x700
Bolster Height from Floor (mm)	1100	1200	1200	1300	1300	1300	1300	1500	1500
Working Energy (J)	30000	70000	38000	80000	50000	80000	80000	80000	80000
Main Motor (kW-Pole)	(vs)37*4	(vs)45*4	(vs)45*4	(vs)55*4	(vs)55*4	(vs)75*4	(vs)75*4	(vs)90*4	(vs)90*4
Die Height Adjustment Motor (kW-Pole)	2.2*4	2.2*4	2.2*4	2.2*4	2.2*4	3.7*4	3.7*4	3.7*4	3.7*4
Working Air Pressure (MPa)	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
Max Upper Die	1500	1500	1500	1500	1500	2000	2000	2000	2000

Closed Double Point Power Press

Main Features

- The high-quality steel welded frame with stress relief treatment ensures high precision, stability and reliability.
- The ram runs stably within 0.1mm precision. The symmetrical double-ram and balance cylinder structure guarantees safe and reliable operation.
- Key components including crankshafts, gears and connecting rods are precision-machined and hardened for superior durability. Die fine adjustment accuracy reaches 0.1mm for simple and safe operation.
- Reasonable structural layout enables easy compatibility with automated production lines.
- Equipped with high-performance clutch-brake unit, dual solenoid valve and overload protection device to ensure operational safety.
- Made of high-grade alloy steel with hardened key structures, the machine adapts to heavy-load, large-size dies and eccentric load stamping.
- Built-in closed-loop control supports various automatic peripherals. The symmetrical four-post straight-side frame minimizes stamping deformation.



Model	BLPE-160(V)	BLPE-160(H)	BLPE-200(V)	BLPE-200(H)	BLPE-250(V)	BLPE-250(H)	BLPE-315(V)	BLPE-315(H)	BLPE-400(V)	BLPE-400(H)
Parameter Name	V	H	V	H	V	H	V	H	V	H
Nominal Force (kN)	1600	1600	2000	2000	2500	2500	3150	3150	4000	4000
Nominal Force Stroke (mm)	6	3	6	3	7	3	7	3	9	3.5
Ram Stroke (mm)	180	130	250	150	280	170	300	170	300	200
Strokes Per Minute (S.P.M)	35-55	40-85	20-50	35-70	20-40	30-60	20-35	30-50	20-35	30-50
Maximum Die Height (mm)	450	475	500	600	550	605	550	615	600	650
Die Height Adjustment Range (mm)	100	100	120	120	120	120	120	120	150	150
Bolster Plate Size (mm)	1800x760x150	1800x760x150	2200x940x170	2200x940x170	2500x1000x170	2500x1000x170	2500x1000x190	2500x1000x190	2800x1000x200	2800x1000x200
Ram Bottom Plate Size (mm)	1600x650x70	1600x650x70	1850x750x95	1850x750x95	2300x900x95	2300x900x95	2300x900x95	2300x900x95	2600x900x100	2600x900x100
Distance Between Columns (mm)	1880	1880	2290	2290	2800	2800	2800	2800	3100/3300	3100/3300
Bolster Height from Floor (mm)	1000	1000	1000	1000	1100	1100	1200	1200	1430	1430
Side Opening (Left-Right / Up-Down) (mm)	700x450	700x450	900x600	900x600	900x600	900x600	900x600	900x600	900x600	900x600
Main Motor (kW-Pole)	(vs)15*4	(vs)15*4	(vs)18.5*4	(vs)18.5*4	(vs)22*4	(vs)22*4	(vs)30*4	(vs)30*4	(vs)37*4	(vs)37*4
Die Height Adjustment Motor (kW)	1.1	1.1	1.5	1.5	1.5	1.5	1.5	1.5	2.2	2.2
Working Air Pressure (MPa)	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
Press Accuracy	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class
Overall Dimension (BAAE) (mm)	2309x2590x3682	2309x2590x3682	2523x3000x3915	2523x3000x3915	2799x3600x4593	2799x3600x4593	2899x3600x4729	2899x3600x4729	3129x4100x5257	3129x4100x5257

Model	BLPE-500(V)	BLPE-500(H)	BLPE-630(V)	BLPE-630(H)	BLPE-800(V)	BLPE-800(H)	BLPE-1000(V)	BLPE-1000(H)	BLPE-1250(V)	BLPE-1250(H)
Parameter Name	V	H	V	H	V	H	V	H	V	H
Nominal Force (kN)	5000	5000	6300	6300	8000	8000	10000	10000	12500	12500
Nominal Force Stroke (mm)	9	3.5	10	5	13	9	13	9	13	9
Ram Stroke (mm)	300	200	400	200	400	300	400	300	400	300
Strokes Per Minute (S.P.M)	20-35	30-50	15-30	20-35	15-25	20-30	12-20	18-25	12-20	18-25
Maximum Die Height (mm)	650	700	650	700	750	800	1000	1050	1000	1050
Die Height Adjustment Range (mm)	150	150	150	150	250	250	250	250	250	250
Bolster Plate Size (mm)	3200x1200x220	3200x1200x220	3400x1300x250	3400x1300x250	3800x1600x260	3800x1600x260	4000x1800x280	4000x1800x280	4200x1800x300	4200x1800x300
Ram Bottom Plate Size (mm)	3000x1100x100	3000x1100x100	3200x1200x105	3200x1200x105	3800x1600x115	3800x1600x115	4000x1800x115	4000x1800x115	4200x1800x115	4200x1800x115
Distance Between Columns (mm)	3500	3500	3700	3700	4100	4100	4200	4200	4400	4400
Bolster Height from Floor (mm)	1520	1520	1550	1550	1650	1650	\	\	\	\
Side Opening (Left-Right / Up-Down) (mm)	1000x600	1000x600	1000x600	1000x600	1100x800	1100x800	1200x900	1200x900	1200x900	1200x900
Main Motor (kW-Pole)	(vs)45*4	(vs)45*4	(vs)55*4	(vs)55*4	(vs)75*4	(vs)75*4	(vs)110*4	(vs)110*4	(vs)110*4	(vs)110*4
Die Height Adjustment Motor (kW)	3.7	3.7	5	5	7.5	7.5	7.5	7.5	7.5	7.5
Working Air Pressure (MPa)	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
Press Accuracy	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class	GB(JIS)1class
Overall Dimension (BAAE) (mm)	3750x4300x5870	3750x4300x5870	3900x4600x6100	3900x4600x6100	\	\	\	\	\	\

Semi-closed Single Point Press

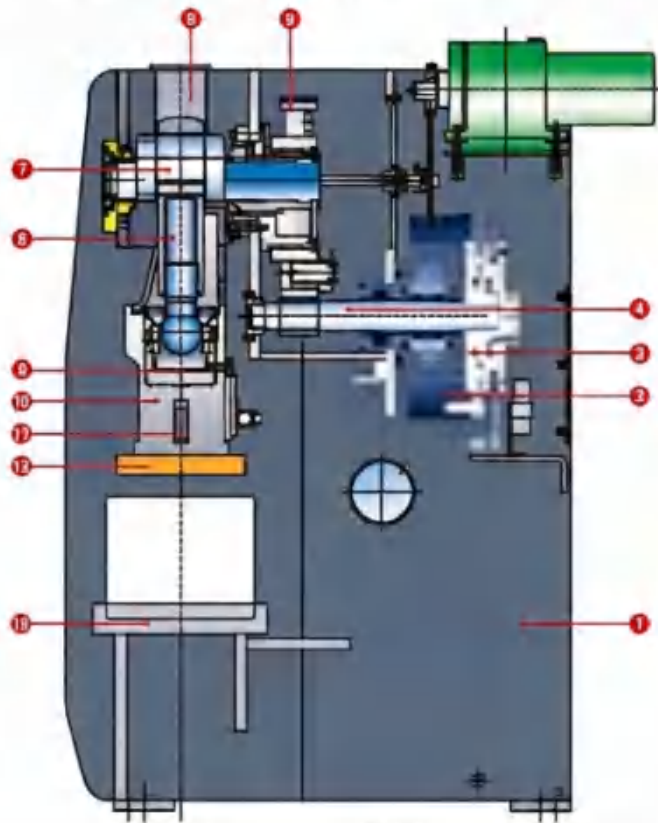
Main Features

1. Semi-closed frame offers wider access and better rigidity than C-frame presses.
2. Stress-relieved welded steel frame keeps stable precision with little deformation.
3. Extended 8-face ram guide supports accurate guiding and eccentric stamping.
4. Hardened ground alloy steel drive parts suit long continuous production.
5. Pneumatic clutch, overload protection and dual solenoid valves ensure safety.
6. Reserved space for feed manipulators to form automatic lines.
7. Ram balance cylinder lowers impact and running noise.
8. Independent touch control cabinet features parameter adjustment and self-check for easy maintenance.



High Transmission Torque Dry Clutch & Brake

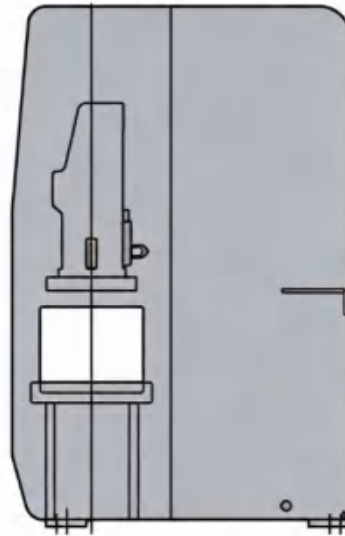
High Transmission Torque Dry Clutch & Brake



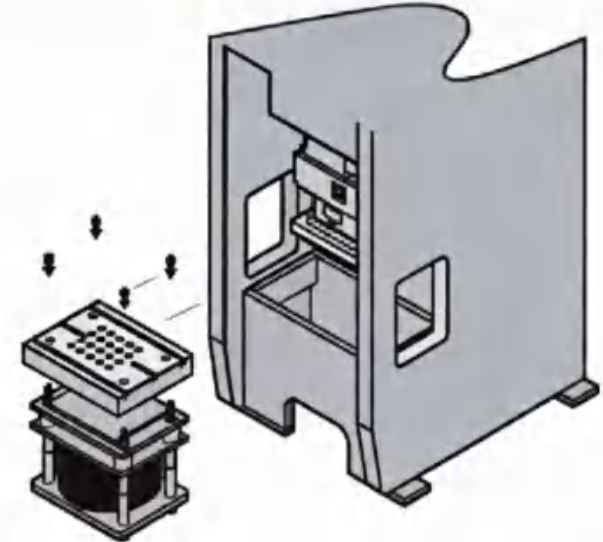
- | | |
|------------------------|------------------------------|
| 1. Frame | 7. 曲轴 |
| 2. Flywheel | 8. Ball Head |
| 3. Clutch & Brake Unit | 9. Overload Hydraulic Device |
| 4. Gear Shaft | 10. Ram |
| 5. Large Gear | 11. Ejector Device |
| 6. Balancer | 12. Removable Ram Plate |
| 7. Crankshaft | 13. Bolster Plate |

High performance, high efficiency, low inertia, high torque, low noise, dust-free, long service life and low maintenance.

Super Rigid Frame



Optimized frame rigidity greatly improves die life and machining accuracy.



Top-loading die cushion requires no foundation condition construction and enables easy maintenance.

Model	BLPD-80(V)	BLPD-80(H)	BLPD-110(V)	BLPD-110(H)	BLPD-160(V)	BLPD-160(H)	BLPD-200(V)	BLPD-200(H)
Nominal Force (kN)	800	800	1100	1100	1600	1600	2000	2000
Nominal Force Stroke (mm)	4	2	6	3	6	3	6	3
Slide Stroke (mm)	150	70	180	80	200	90	200	100
Slide Stroke Rate (S.P.M, Strokes Per Minute)	35-80	80-120	30-60	60-90	20-50	40-70	20-50	50-70
Maximum Die Height (mm)	340	380	360	410	460	510	460	510
Die Height Adjustment Range (mm)	80	80	80	80	100	100	110	110
Worktable Size (mm)	760x550x90	760x550x90	900x600x110	900x600x110	980x800x140	980x800x140	1140x820x160	1140x820x160
Slide Bottom Plate Size (mm)	700x420x70	700x420x70	800x470x80	800x470x80	850x550x90	850x550x90	1030x630x90	1030x630x90
Worktable Height from Ground (mm)	810	810	830	830	900	900	1005	1005
Distance Between Columns (mm)	788	788	880	880	930	930	1140	1140
Main Motor (kW-Poles)	(vs)7.5*4	(vs)7.5*4	(vs)11*4	(vs)11*4	(vs)15*4	(vs)15*4	(vs)18.5*4	(vs)18.5*4
Die Height Adjustment Motor (kW)	0.4	0.4	0.4	0.4	1.1	1.1	1.1	1.1
Working Air Pressure (MPa)	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
Machine Precision	G8(JIS)1class	G8(JIS)1class	G8(JIS)1class	G8(JIS)1class	G8(JIS)1class	G8(JIS)1class	G8(JIS)1class	G8(JIS)1class
Overall Machine Dimensions (mm)	1300x1890x3000	1300x1890x3000	1420x1985x3200	1420x1985x3200	1600x2200x3500	1600x2200x3500	1750x2500x3900	1750x2500x3900
Machine Weight (Ton)	7.8	7.8	10.5	10.5	16.8	16.8	24.5	24.5
Cushion Capacity (kN)	36	36	63	63	100	100	140	140
Cushion Stroke (mm)	70	70	80	80	80	80	100	100
Effective Cushion Area (mm²)Effective Cushion	450x310	450x310	500x350	500x350	650x420	650x420	710x480	710x480

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C-frame Deep Throat Power Press

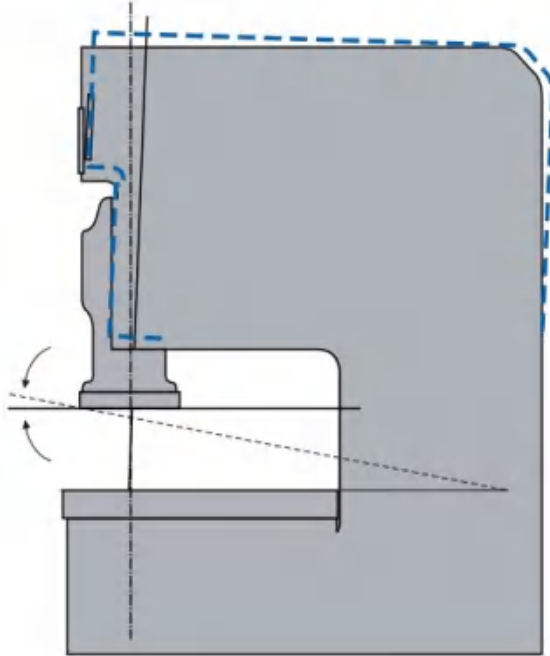
Main Features

This series of power presses are universal machines for sheet metal stamping. Their throat depth is more than twice that of ordinary high-precision presses of the same type, making them ideal for stamping processes such as punching, blanking, shearing, forming and shallow drawing of large-sized sheet metal.

They are widely used in stamping industries including wire mesh, bottle caps, tin can manufacturing, hardware, motors, electrical appliances, home appliances, architectural decorative materials, auto parts, chassis, cabinets and switch panels.



超高刚性台身 super rigid frame

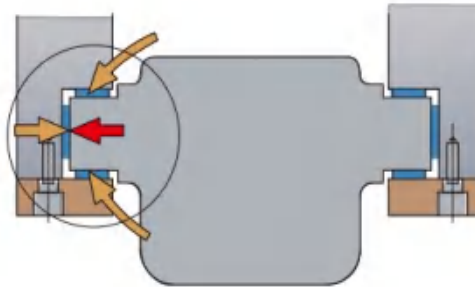


深喉口压力机喉深是同规格高性能压力机的2倍。
Deep throat depth is high performance press 2 times more than the same specification

结构刚性最佳化，冲压制品精度大幅提升，模具寿命有效延长。

The Chin Fong GRM Series is designed to resist deflection, and provide accurate pressings and longer die life, even at full tonnage loads. The heavy, one-piece welded steel frame is fully stress relieved and designed to provide a stable base for the GRM Series presses.

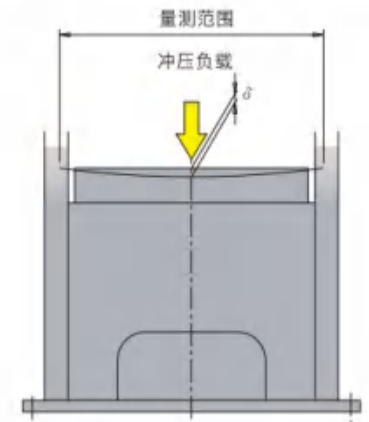
高精度六面导路 precise, six-point, centered box type gibbing



超长导路精度高，侧向力台身直接吸收，导路精度稳定性极高。

One-piece, full-length, box type gibs assure actuated slide guiding. Force is delivered vertically, minimizing lateral thrust and, consequently, reducing off-center loading and friction in the gibs.

最小机身变形 minimized frame deflection



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Straight Side Hydraulic Press

Main Features

- 1.The whole machine adopts an integrated frame structure. The frame and slide block are made of new-type materials and manufactured by sheet metal forming and welding technology.
- 2.The hydraulic pump station and electrical cabinet are integrally mounted on the machine body. The all-in-one design requires no disassembly, making transportation and installation much easier.
- 3.It is equipped with four-corner eight-surface guide rails, featuring high guiding accuracy and strong eccentric load resistance, together with a centralized lubrication system.
- 4.A large-flow professional prefill valve is fitted to meet the process requirements of fast down stroke and fast return stroke for hydraulic presses, greatly improving processing efficiency.
- 5.The hydraulic system adopts a cartridge valve integrated solution, which ensures stable and reliable operation, long service life of the equipment and low hydraulic impact.
- 6.The cylinder barrel and piston rod are manufactured with patented material technology for higher operational reliability of the oil cylinder.
- 7.The working pressure, running speed and stroke range of the slide block can be flexibly adjusted according to different production processes.



YXLM Series									
Parameter	Unit	YXLM 100T	YXLM 160T	YXLM 200T	YXLM 250T	YXLM 315T	YXLM 400T	YXLM 500T	YXLM 630T
Nominal Force	kN	1000	1600	2000	2500	3150	4000	5000	6300
Slide Stroke	mm	300-2000	300-2000	400-2000	400-2000	400-2000	400-2000	500-2000	500-2000
Slide Fast Down Speed	mm/sec	150 250	150 250	180 250	180 250	180 250 300	180 250 300	180 300 400	180 300 400
Slide Return Speed	mm/sec	130 180	130 180	150 200	150 200	150 200 280	120 180 240	110 260 320	140 280 320
Slide Working Speed	mm/sec	10-25 10-25	10-25 10-25	6-15 8-20	6-15 8-20	6-15 8-20 12-30	6-15 10-25 12-30	5-13 12-30 15-37	6-15 12-30 15-37
Maximum Opening Height	mm	500-2000	500-2000	600-2000	600-2000	600-2000	600-2000	700-2000	700-2000
Worktable Size	mm	700×600 1000×800 1500×1200	800×650 1100×900 1600×1300	900×700 1200×1000 1700×1400	1000×800 1300×1100 1000×1500	1100×900 1600×1200 2200×1600	1200×1000 2000×1600 2600×1800	1300×1100 2200×1600 3600×2200	1400×1200 2200×1600 3600×2200
Motor Power	kW	11 15	18.5 22	18.5 22	18.5 30	18.5 30 37	30 37 60	30 67 74	37 74 97
Optional: Cushion Cylinder	(kN)×(mm)	200×150	300×150	400×200	500×200	630×260	800×300	800×300	800×300
Optional: Multi-rod Ejector	Worktable								
Optional: Movable Worktable		Left & Right	Left & Right	Left & Right	Left & Right	Left & Right	Left & Right	Left & Right	Left & Right

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Four-Column Hydraulic Press Series

Main Features

- 1.Optimized structural design via computer simulation, adopting three-beam four-column construction with simple, economical and practical features.
- 2.The hydraulic control system adopts an integrated cartridge valve manifold, which delivers reliable operation, long service life and low hydraulic impact, while reducing connecting pipelines and leakage points.
- 3.It is equipped with an independent electrical control system that ensures stable performance, intuitive operation and easy maintenance.
- 4.Centralized push-button control is adopted, supporting three operation modes: jog adjustment, manual and semi-automatic.
- 5.Two forming processes (fixed stroke and fixed pressure) are selectable via the operation panel, together with pressure holding and delay functions.
- 6.The slide working pressure, no-load fast descending speed and slow working feed speed are all adjustable.



Technical Specifications of the Machine													
Parameter	60T	100TA	100TB	160TA	160TB	200TA	200TB	250TB	315TB	400TB	500T	630T	1000T
Nominal Force (kN)	600	1000	1000	1600	1600	2000	2000	2500	3150	4000	5000	6300	10000
Maximum Cylinder Stroke (mm)	400	300	500	500	400	500	600	600	600	700	900	900	900
Maximum Opening Height (mm)	600	600	800	900	800	900	1000	1100	1100	1200	1500	900	1500
Hydraulic Cylinder Bore (mm)	160	215	215	260	260	300	300	340	380	440	480	480×2	480×2
Piston Rod Diameter (mm)	140	185	185	220	220	280	280	300	340	400	420	500	420×2
Column Diameter (mm)	70	70	70	80	80	100	110	110	140	140	160	180	220
Worktable Size (Left & Right) (mm)	550	640	700	700	800	800	1000	1200	1260	1400	1400	1600	2000
Worktable Size (Front & Rear) (mm)	500	550	620	700	800	800	940	1000	1160	1250	1400	1600	1500
Machine Height (mm)	2300	2300	2700	3000	2800	2835	3500	3280	4200	4200	4350	4850	4350
Fast Forward Speed (mm/s)	120	100	100	80	100	130	130	120	130	130	130	130	130
Working Feed Speed (mm/s)	15-29	10-17	10-17	12-18	12-18	8-13.5	8-13.5	10-16	8-13	8-12.5	12-16	12-16	12-16
Return Speed (mm/s)	125	64	64	64	64	72	72	75	68	74	71	71	71
Oil Pump (TCY14-1B)	25	25	25	40	40	40	40	63	63	80	63×2	80×2	125×2
Motor Power (kW)	5.5	5.5	5.5	7.5	7.5	7.5	7.5	11	15	18.5	15×2	18.5×2	30×2
Cushion Cylinder Force (kN)	200	300	300	400	400	400	400	630	630	1000	1000	1000	2000
Cushion Cylinder Stroke (mm)	200	200	200	200	200	200	200	200	200	300	300	300	300

C-frame Hydraulic Press

Performance Features

- 1.The frame of this hydraulic press is integrally welded and treated by vibration aging.
- 2.The oil cylinder adopts advanced foreign technology and is equipped with a fast cylinder for stable, safe and durable operation.
- 3.The slide is fitted with rectangular six-sided guide rails together with a centralized oil supply lubrication system.
- 4.Compared with traditional mechanical presses, it eliminates crankshafts, connecting rods, large and small gears and heavy flywheels, resulting in much lower operating noise.
- 5.The machine is easy to operate with reliable safety performance. A light curtain safety protector is optional to greatly improve operation safety.
- 6.The slide stroke can be flexibly adjusted to realize high-speed and high-efficiency stamping.
- 7.For hydraulic deep throat / shallow throat presses, parts replacement and routine maintenance are convenient in later service.
- 8.Compared with conventional presses, it saves maintenance time and operation costs.



Technical Parameters Table	单位	Y21-25T	Y21-40T	Y21-63T	Y21-80T	Y21-100T
Technical Parameters	KN	250	400	630	800	1000
Nominal Force (kN)	MPa	21	21	21	21	21
Max. Hydraulic System Pressure (MPa)	mm	130	130	160	160	180
Max. Slide Stroke (mm)	SPM/min	40-60	40-60	30-50	30-50	30-50
Slide Stroke Frequency (S.P.M)	mm	180	220/260	300/320	320/350	320/350
Max. Shut Height (mm)	mm	stepless	stepless	stepless	stepless	stepless
Stroke Adjustment Range (mm)	mm	210/1250	250/1250	300/1250	310/1000	320/1000
Throat Depth (mm)	mm	740	780	800	820	870
Worktable Height from Ground (mm)	mm	300	360	400	420	480
Slide Bottom Left & Right (mm)	mm	220	250	320	340	360
Slide Bottom Front & Rear (mm)	mm	40	50	50	60	60
Slide Bottom Shank Hole Diameter (mm)	mm	600	710	900	1000	1100
Worktable Plate Left & Right (mm)	mm	400	440	500	550	600
Worktable Plate Front & Rear (mm)	mm	130	150	180	180	220
Worktable Plate Hole Diameter (mm)	mm	70	80	90	100	110
Worktable Plate Thickness (mm)	mm	800	920	1100	1200	1300
Overall Machine Dimension Left & Right (mm)	mm	1100	1300	1380	1480	1530
Overall Machine Dimension Front & Rear (mm)	mm	2400	2600	2800	2950	3200
Overall Machine Height (mm)	KW	4	5.5	5.5	7.5	7.5
Motor Power (kW)	ml/r	10	16	25	40	40
Oil Pump			25	32	40	50/63

Technical Parameters Table	单位	Y21-125T	Y21-160T	Y21-200T	Y21-250T	Y21-315T	Y21-400T
Technical Parameters	KN	1250	1600	2000	2500	3150	4000
Nominal Force (kN)	MPa	21	20	20	20	20	21
Max. Hydraulic System Pressure (MPa)	mm	180	180	200	220	220	220
Max. Slide Stroke (mm)	SPM/min	30-50	30-40	30-40	25-35	25-35	20-30
Slide Stroke Frequency (S.P.M)	mm	320/350	350/400	400/450	450/500	500/550	550/600
Max. Shut Height (mm)	mm	stepless	stepless	stepless	stepless	stepless	stepless
Stroke Adjustment Range (mm)	mm	350/1000	380/800	400/800	420/800	460/800	500
Throat Depth (mm)	mm	870	870	900	920	920	940
Worktable Height from Ground (mm)	mm	560	580	700	800	850	930
Slide Bottom Left & Right (mm)	mm	420	450	580	600	650	700
Slide Bottom Front & Rear (mm)	mm	60	65	65	65	65	65
Slide Bottom Shank Hole Diameter (mm)	mm	1100	1250	1400	1400	1500	1500
Worktable Plate Left & Right (mm)	mm	600	740	780	800	840	840
Worktable Plate Front & Rear (mm)	mm	220	260	260	260	280	280
Worktable Plate Hole Diameter (mm)	mm	110	140	160	180	180	200
Worktable Plate Thickness (mm)	mm	1300	1450	1600	1700	1700	1700
Overall Machine Dimension Left & Right (mm)	mm	1650	1750	2000	2230	2400	2500
Overall Machine Dimension Front & Rear (mm)	mm	3320	3550	3800	3950	4150	4450
Overall Machine Height (mm)	KW	11	15	18.5	22	30	37
Motor Power (kW)	ml/r	63	63	80	80	125	125
Oil Pump		63	63	80	80	100	100

Laser Cutting Machine

1、 Product Overview

Fully enclosed fiber laser cutter with separate chiller for carbon steel, stainless steel, aluminum and copper sheet blanking, high-precision, safe & environmental-friendly.

2、 Main Features

1. Fully sealed housing prevents laser radiation, sparks and smoke to keep workshop safe & tidy.
2. Gantry servo drive delivers fast cutting with smooth, burr-free cuts with no secondary grinding required.
3. Independent chiller provides stable laser cooling to support 24-hour non-stop operation.
4. CNC touch control system supports drawing import and automatic nesting, easy to operate.
5. Thick welded machine bed features strong load capacity, anti-deformation performance, long service life and low failure rate.

3、 Applicable Industry

Sheet cabinets, signage, construction machinery, new energy, kitchen hardware, steel structure fabrication



Cutting machine - Bed

The foundation determines the superstructure.

Small gaps create big errors. Machine bed stability & precision are critical to cutting accuracy.

Welding: The 3D flexible welding table features mm-level scales and multi-angle fixtures, enabling high-efficiency and high-precision machine bed welding.

Tempering: Welded beds undergo secondary high-temperature tempering in an electronically controlled furnace to eliminate internal stress and boost structural stability.

Milling: Machine bed guide surfaces go through rough milling for shaping then finish milling for precision. Three gantry milling machines of different sizes handle beds of various lengths, supporting workpieces up to 14 meters long.



Cutting Machine - Drive Unit

A good horse requires a fine saddle to perform at its best.

The performance of a device is determined not only by its main components, but also by those supporting "supporting roles" that play a crucial role.



Adopt Japan Panasonic special servo motors: better consistency & simpler operation, superior stability and full after-sales service vs domestic servos.



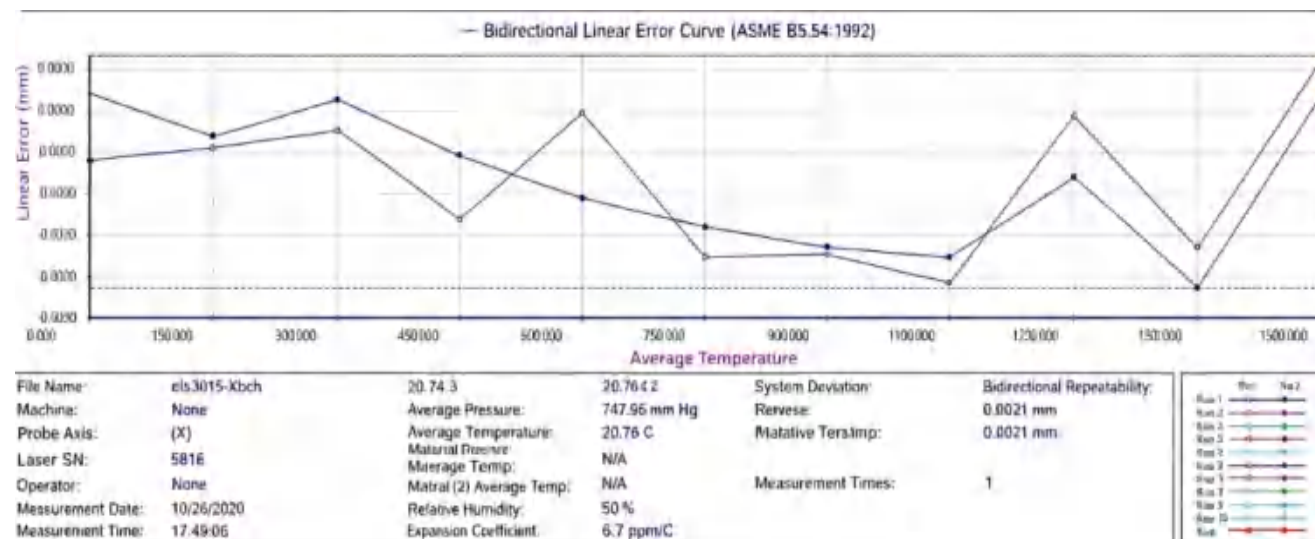
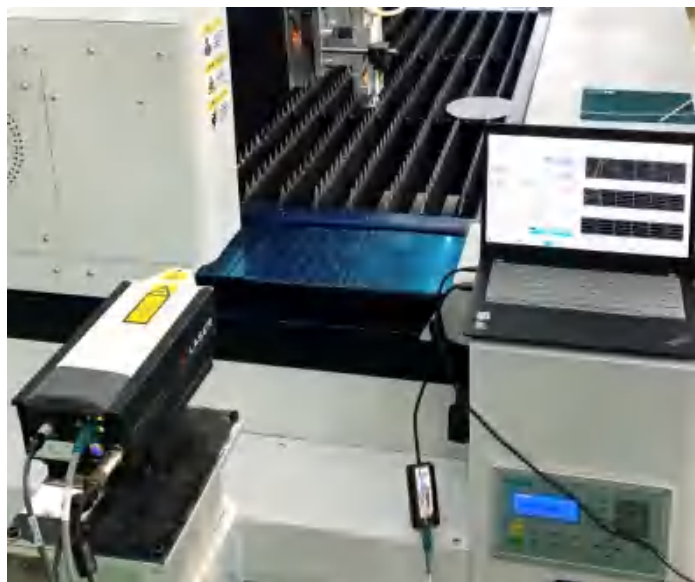
Japan Nabtesco planetary reducer (Toyota CVT core component supplier): high rigidity, ≤ 1 arcmin single-stage precision, 97~98% efficiency, high torque density & zero maintenance lifetime.



Testing Tool

The precision of each filament stems from their unwavering dedication.

American API Laser Interferometer, measuring positioning accuracy and repeatability accuracy



CNC Gantry V Grooving Machine

Split-type heavy-duty gantry frame

Thick steel integrated welding & tempering for high rigidity and anti-deformation performance. Split gantry-bed structure for easy transport and installation, available for 4/5/6m ultra-long sheets without shipping limits.

Four-axis fully servo-independent drive (X/Y1/Y2/Z)

- Servo X beam for fast cross movement: 90m/min cutting, 100m/min return, higher grooving output.
- Independent servo control for Y1 tool holder & Y2 pressing unit, precise positioning with 8mm min edge clearance for narrow slot processing.
- Servo Z cutter head: 0.001mm positioning resolution, accurate & even grooving depth.



Parameters	unit	3200	4000	5000	6000
Max width of grooving	mm	1250 / 1500	1250 / 1500	1250 / 1500	1250 / 1500
Max length of grooving	mm	3200	4000	5000	6000
Maximum thickness (stainless steel)	mm	4	4	4	4
Min thickness of grooving	mm	0.4	0.4	0.4	0.4
Min side distance	mm	8	8	8	8
X axis working speed	m/min	90	90	90	90
X axis return speed	m/min	100	100	100	100
Y1 axis max distance	mm	1250 / 1500	1250 / 1500	1250 / 1500	1250 / 1500
Y1 axis move speed	m/min	20	20	20	20
Y1 axis resolution	mm	0.001	0.001	0.001	0.001
Y1 axis repeated positioning accuracy	mm	0.01	0.01	0.01	0.01
Z-axis resolution	mm	0.001	0.001	0.001	0.001
Z axis repeated positioning accuracy	mm	0.001	0.001	0.001	0.001
(axis) Motor power	KW	5.5	5.5	5.5	5.5
Y1、 Y、 Z(axis) Motor power	KW	1	1	1	1
Length Machine dimensions	mm	5200	6000	7000	8000
Width Machine dimensions	mm	2150 / 2430	2150 / 2430	2150 / 2430	2150 / 2430
Height Machine dimensions	mm	1600	1600	1600	1600

Open-type Dual-drive Fiber Laser Cutting Machine

Product Features

The equipment adopts professional mechanical structural design with novel appearance and multiple patented technologies.

It delivers high cutting precision, fast processing speed, narrow kerf and smooth cutting section, featuring easy operation and low energy consumption.

Suitable for mass continuous production, it has outstanding competitive advantages in cutting processing.



Model	XDC-3015	XDC-4015	XDC-4020	XDC-6020	XDC-8025
Processing range	3000*1500mm	4000*1500mm	4000*2000mm	6000*2500mm	8000*2500mm
X-axis travel	1560mm	1560mm	2060mm	2560mm	2560mm
Travel Y-axis	3080mm	4080mm	4080mm	6080mm	8080mm
Z-axis travel	150mm	150mm	150mm	150mm	150mm
laser power	3000w/6000w/12000w	3000w/6000w/12000w	3000w/6000w/12000w	3000w/6000w/12000w	3000w/6000w/12000w
X/Y axis positioning accuracy	≤±0.03mm/min	≤±0.03mm/min	≤±0.03mm/min	≤±0.03mm/min	≤±0.03mm/min
X/Y axis repeated positioning accuracy	≤±0.02mm/min	≤±0.02mm/min	≤±0.02mm/min	≤±0.02mm/min	≤±0.02mm/min
Max. positioning speed	100m/min	100m/min	100m/min	100m/min	100m/min

Sheet & Tube Integrated Fiber Laser Cutting Machine

Equipment Overview

Integrated sheet and tube cutting with easy switching. It can process flat sheet as well as round tubes, square tubes and hole machining for formed boxes.

Processing Functions

Multiple intersecting line holes of different directions and pipe diameters can be cut on the main pipe.

Beveled end faces can be cut at the ends of round tubes.

Intersecting line ends of branch pipes connected to annular main pipes can be processed.

Square holes, waist-shaped holes and round holes can be machined on round tubes.

Fixed-length cutting of steel pipes is available.

Various special-shaped patterns can be cut on the wall of square tubes.

Steel plates of various specifications can be cut.

Hole punching and contour cutting can be performed on formed boxes.



Parameter Name	XDC-3015	XDC-4020	XDC-6020	XDC-6025
Cutting range	3000*1500mm	4000*2000mm	6000*2000mm	6000*2500mm
Pipe cutting length	6000mm	6000mm	6000mm	6000mm
Chuck diameter	220/320mm	220/320mm	220/320mm	220/320mm
Laser power	3000W-20000W	3000W-20000W	3000W-20000W	3000W-20000W
Max. positioning acceleration	10m/s ²	10m/s ²	10m/s ²	10m/s ²
Positioning accuracy	±0.02mm/m	±0.02mm/m	±0.02mm/m	±0.02mm/m
Reposition accuracy	±0.03mm	±0.03mm	±0.03mm	±0.03mm

Professional Tube Fiber Laser Cutting Machine

Product Features

This special tube laser cutting machine adopts a 7-axis linkage structure. It can process various profile tubes including round tubes, square tubes, rectangular tubes and elliptical tubes.

Standard configuration supports one-time forming processing for 6-meter tubes; extended models of 9m and 12m are optional to adapt to different pipe diameters and lengths.

Equipped with feeding and pulling shafts, it greatly shortens the residual tail length and reduces raw material waste.

Multiple groups of intersecting holes with different directions and apertures can be machined on the main pipe.

It supports bevel cutting at any angle.

Recognized as a high-efficiency tube cutting equipment in the industry, it delivers excellent performance in continuous material processing.



Model	XDC-6013	XDC-6024	XDC-6035	XDC-60520
Pipe cutting length	6000mm	6000mm	6000mm	6000mm
Chuck diameter	130mm	240mm	350mm	350mm
Laser power	<6000W	<6000W	<6000W	<12000W
Max. positioning acceleration	10m/s2	10m/s2	10m/s2	10m/s2
Positioning accuracy	±0.02mm/m	±0.02mm/m	±0.02mm/m	±0.02mm/m
Reposition accuracy	±0.03mm	±0.03mm	±0.03mm	±0.03mm
Rotation axis speed	100rpm	100rpm	80rpm	60rpm

Automatic Feeding Professional Tube Cutting Machine

Product Features

It is suitable for parts processing in most industries with stable machining accuracy.

Optimized stress and support structure endows the whole machine with excellent mechanical properties.

Equipped with an advanced optical system, it features fast cutting speed and superior cutting quality.

Automatic loading and unloading function improves production efficiency and reduces labor costs.

Widely applied in electronics, electrical appliances, machinery hardware, new energy lithium battery, packaging, solar energy, LED, automobile and other industries.

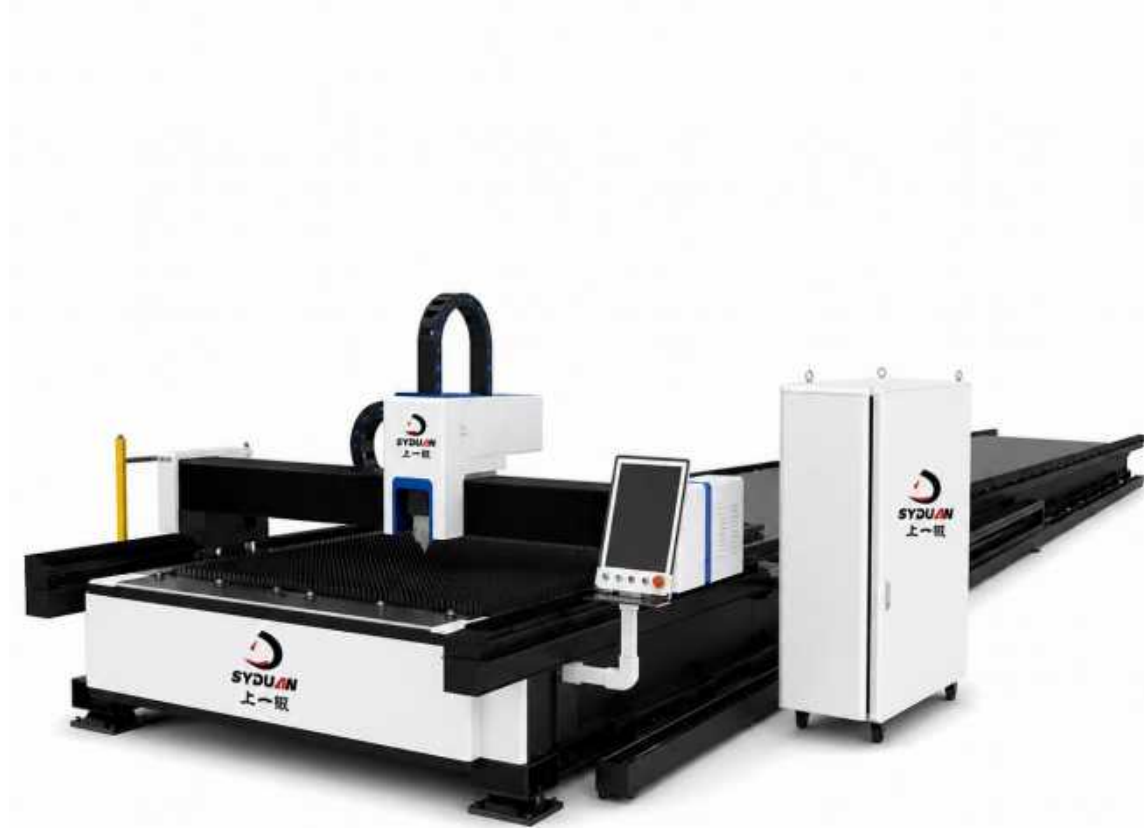


Model	XDC-6013	XDC-6024
Pipe cutting length	6000mm	6000mm
Chuck diameter	130mm	240mm
Laser power	<6000W	<6000W
Max. positioning acceleration	10m/s ²	10m/s ²
Positioning accuracy	±0.02mm/m	±0.02mm/m
Reposition accuracy	±0.03mm	±0.03mm
Rotation axis speed	100rpm	100rpm

Rail-mounted High Power Laser Cutting Machine

Product Features

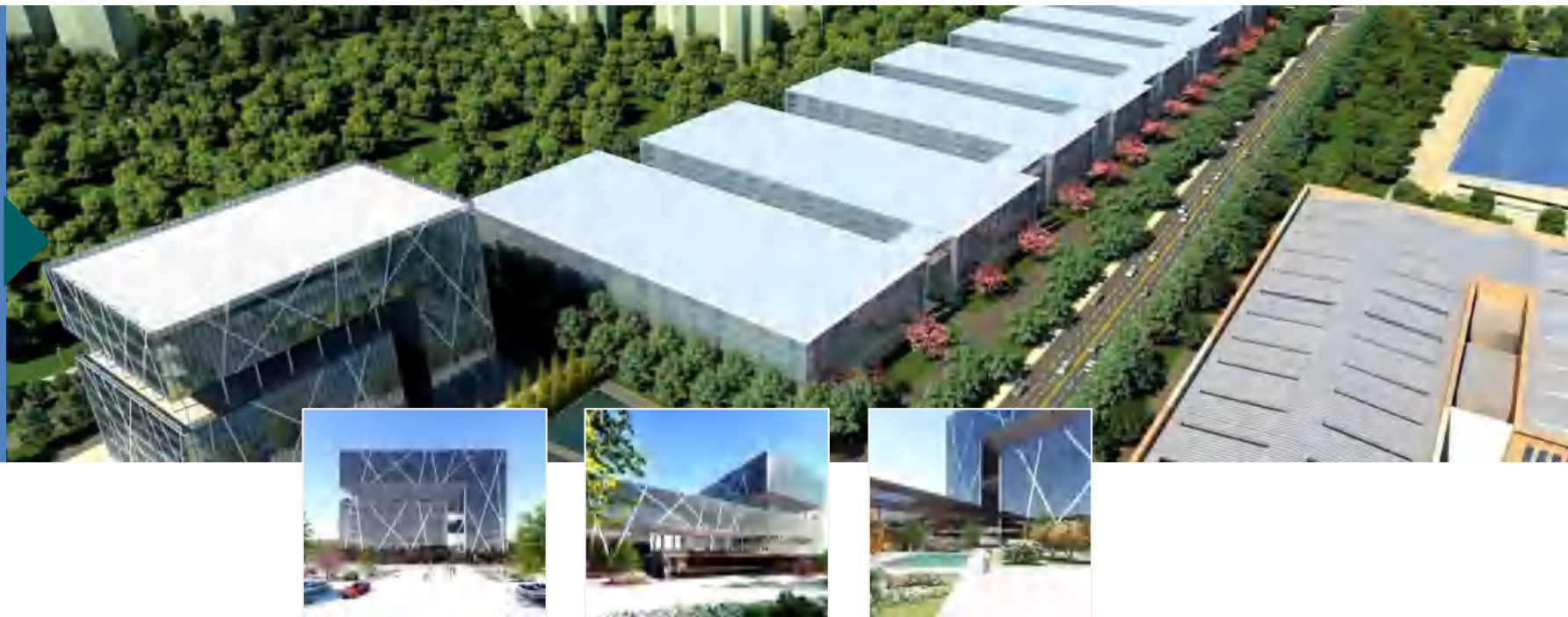
1. Adopting double-side ground rail gantry structure, the machine can be matched with cement or H-beam embedded foundation for stable and reliable operation.
2. Separate design of material rack and foundation ensures stable precision without deformation during heavy-load thick plate and high-power high-temperature cutting, perfectly compatible with high-power cutting applications.
3. It supports large-format sheet cutting with customizable sizes as required.
4. Built-in functions including one-click calibration, automatic edge finding, automatic nesting and leapfrog cutting enable simple operation.
5. Standard equipped with front and rear safety light curtains for zoned operation; cutting and feeding can be carried out simultaneously to ensure operator safety.
6. Standard extraction and dust removal device improves workshop environment by removing cutting fumes.
7. Bevel cutting function is available as an optional configuration.



Parameter Name	XDC-13032	XDC-26032
Processing range	13000*3200mm	26000*3200mm
X-axis travel	3200mm	3200mm
Travel Y-axis	13000mm	26000mm
Z-axis travel	250mm	250mm
Laser power	12000w/20000w/30000w/40000w/60000w/80000w	12000w/20000w/30000w/40000w/60000w/80000w
X/Y axis positioning accuracy	$\leq \pm 0.03\text{mm/min}$	$\leq \pm 0.03\text{mm/min}$
X/Y axis repeated positioning accuracy	$\leq \pm 0.05\text{mm/min}$	$\leq \pm 0.05\text{mm/min}$

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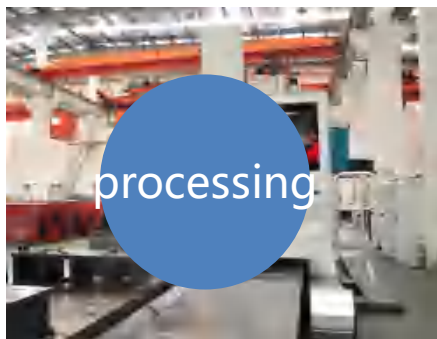
The project involves a total investment of 1 billion RMB and covers a planned land area of 170.9 mu.



Industrial Park Project (Under Planning) The plan includes an 11-story comprehensive building with a construction area of 65,000 m², integrating office spaces, exhibition halls, staff canteens, fitness centers, conference lecture halls and full supporting facilities for daily work and recreation. The park will house dedicated teams for e-commerce and international trade. Besides, eight intelligent workshops with a total construction area of 155,353 m² will be constructed within the compound. We act as the leading enterprise of this intelligent equipment industrial park.

Workshop Equipment Exhibition

Witness how each machine is manufactured here.
Source-side quality control enables high-value equipment
with fast turnaround.



Press Brake — Frame Machining

The machine frame is welded with steel plates and integrally processed by a CNC five-face machining center in a single clamping setup, ensuring outstanding frame rigidity and machining accuracy.

1. Short production cycle and stable frame structure;
2. High-temperature treatment at 700°C with 24-hour in-furnace cooling to eliminate internal stress;
3. Precision CO₂ flat plate welding, heat treatment and surface finishing applied;
4. Vibration aging treatment adopted for medium & thick steel plate welding. The robust structure features strong anti-deformation performance, stable and durable, guaranteeing no deformation within 20 years of normal operation.



After Service



- Every single machine undergoes a continuous 72-hour power-on burn-in aging test before leaving the factory, ensuring it can be put into full production immediately upon customer receipt.
- Upon delivery to the site, the equipment will receive free debugging and installation, along with complimentary technical guidance and training.
- After-sales Service: 20-min nationwide response, 24h on-site service. Other areas comply with 3×24 rule: reply/arrive, fix issues & resume production all within 24 hours respectively.

Only sincere devotion makes true friends.

SYDUAN

TEL: 86 4000219399

Whatsapp: 86 15900813166

EMAIL: 15900813166@139.com

Ins: yiduan135@gmail.com

facebook: yiduan135@gmail.com

No. 830 Shuangzhu Highway, Jiading District, Shanghai City

