



REKIBILL
MACHINERIE INC.

METAL CATALOG

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Rekibill Machinerie was born in 2020 thanks to the shared enthusiasm of two industrial innovation enthusiasts in Canada and China. They partner with an engineering firm and around fifty employees dedicated to research and quality control. We founded our company to offer personalized solutions to our clients' problems. We specialize in analyzing, designing, purchasing, delivering, installing and maintaining reliable industrial machines. We work with companies across various industries, such as food processing, metallurgy, wood, construction, plastic and PVC, textiles, recycling and many others. We provide them with comprehensive solutions, adapted to their needs and ambitions. Our strength is our technical expertise, our speed, our listening and our personalized follow-up. We guarantee to meet deadlines, budgets and quality and safety requirements. We leverage state-of-the-art technologies, such as automation and robotization, to improve the performance and profitability of our customers.

Our mission is to help our clients grow industrially by offering them solutions based on automation and robotization and by providing them with efficient, safe and innovative machines.



At Rekibill Machinerie, we are aware of the challenges and opportunities that the industrial machinery sector represents. That is why we have the vision of positioning ourselves as a leader in this field, recognized for our know-how, our quality and our innovation. To achieve this vision, we rely on our technical expertise, our responsiveness, our listening and our personalized support. We offer our customers turnkey solutions, adapted to their needs and objectives. We also offer them a maintenance and warranty service for our machines.

Metal Sheet & Profile Bending

CNC Press Brake



Full Automatic CNC Press Brake with DA66T 3D Programming CNC Controller System

Machine Introduction:

- New EU streamlined design
- The whole frame of the press brake adopt integrated welding and by tempering to eliminate the internal stress
- The press brake frame adopt shot blast to remove rust and sprayed with anti-rust treatment
- The frame is formed by the imported CNC three-dimensional machining center in one process, which ensures the parallelism and verticality of each mounting surface.
- The controller can control the Y1 and Y2 axes (Y1 controls the left cylinder and Y2 controls the right cylinder) to ensure the synchronous movement of the ram
- Quiet speed waiting and fast down, (about 25 decibels), low noise during pressing and return (the pressure in the hydraulic system is the closed loop control of the servo main motor)
- The main oil pump does not apply work under the drive of the servo main motor, and the energy consumption is 60% lower than that of the general CNC press brake machine
- The machine oil temperature is stable, which extending the service life of various components of the hydraulic system
- More technical innovations to ensure the quality of bending, and powerful, easy to operate
- The press brake adopt the latest high-frequency hydraulic control technology, which is faster, more efficient and more stable
- The best parameter ratio, the optimal core configuration, the performance is stable, the operation is more convenient, and the bending of various workpieces in complex shape can be realized.



DELEM DA66T control system:

1. Main body manufacturing by the CNC flooring and boring machine.
2. Technical utilize parametric 3D SolidWorks analysis.
3. Adopt integrated hydraulic system, more reliable and easy for maintenance.
4. Mechanical synchronous mechanism and the complex compensation are designed so as to raise the working piece precision.
5. The stroke and distance of the back gauge is adjusted by the motor and is well adjusted by hand, the adjustment is displayed by digital meters.
6. Inch, single, continuous operation mode being designed for the machine and reversing and maintain time can be controlled by the time relays.
7. Safe fence and the electric interlocker have been designed for the machine to ensure the operation safety.
8. Strict manufacturing process keep product standard reach Euro standard

Standard Equipment:

1. HIWIN Ball screws & Polished rod with 0.05mm accuracy
2. Plate Support Arms
3. Telemecanique/Schneider Electrics
4. Germany Bosch-Rexroth Hydraulic
5. Germany Siemens Main Motor
6. Hydraulic & Electrical overload protection
7. Protection facility -laser protection

Technical Specifications

Bending Force	Bending Length	Upright Distance	Throat Depth	Stroke	Opening Height	Main Motor	Weight	Overall Dimensions	
	Kn	mm	mm	mm	mm	mm	Kw	Ton	L×W×H mm
WC67K/E-30t/1600	300	1600	1300	200	80	220	5.5	2.3	1650*1200*1700
WC67K/E-30t/2000	300	2000	1300	200	80	220	5.5	2.5	2000*1150*1700
WC67K/E-40t/2500	400	2500	2030	250	100	340	5.5	3.5	2500*1200*1900
WC67K/E-63t/2500	630	2500	2050	250	120	340	5.5	4.5	2500*1600*2200
WC67K/E-63t/3200	630	3200	2510	250	120	340	5.5	5	3200*1600*2200
WC67K/E-80t/2500	800	2500	2050	250	120	350	5.5	6	2500*1700*2200
WC67K/E-80t/3200	800	3200	2510	250	120	350	5.5	6.2	3200*1700*2200
WC67K/E-100t/2500	1000	2500	2050	320	120	380	7.5	6.5	2500*1500*2200
WC67K/E-100t/3200	1000	3200	2510	320	120	380	7.5	7	3200*1800*2500
WC67K/E-100t/4000	1000	4000	3100	320	120	380	7.5	8.5	4000*1800*2500
WC67K/E-125t/3200	1250	3200	2510	320	120	380	7.5	7.5	3200*1900*2600
WC67K/E-125t/4000	1250	4000	3100	320	120	380	7.5	9.5	4000*1435*2600
WC67K/E-160t/2500	1600	2500	2050	320	200	450	11	9	2500*1900*2700
WC67K/E-160t/3200	1600	3200	2510	320	200	450	11	11	3200*2000*2800
WC67K/E-160t/4000	1600	4000	3040	320	200	450	11	12	4000*2000*2800
WC67K/E-160t/5000	1600	5000	3800	320	200	450	11	14.5	5000*1900*3100
WC67K/E-160t/6000	1600	6000	4600	320	200	450	11	19.5	6000*1900*3300
WC67K/E-200T/3200	2000	3200	2600	320	250	540	15	13.5	3200*1820*3300
WC67K/E-200T/4000	2000	4000	3300	320	250	540	15	15	4000*2000*2850
WC67K/E-200T/5000	2000	5000	3800	320	250	540	15	19	5000*1950*3000
WC67K/E-200T/6000	2000	6000	4600	320	250	540	15	21	6000*1950*3300
WC67K/E-250T/3200	2500	3200	2600	400	250	580	18.5	17	3300*2000*3200
WC67K/E-250T/4000	2500	4000	3300	400	250	580	18.5	20	4000*2000*3400
WC67K/E-250T/5000	2500	5000	3800	400	250	580	18.5	23	5000*2000*3500
WC67K/E-250T/6000	2500	6000	4600	400	250	580	18.5	25.5	6000*2000*3600
WC67K/E-300T/3200	3000	3200	2600	400	250	580	18.5	21	3200*2100*3300
WC67K/E-300T/4000	3000	4000	3300	400	250	580	18.5	23	4000*2100*3500
WC67K/E-300T/5000	3000	5000	3800	400	250	580	18.5	25	5000*2100*3700
WC67K/E-300T/6000	3000	6000	4600	400	250	580	18.5	27.5	6000*2100*4000
WC67K/E-400T/4000	4000	4000	3300	400	250	580	22	26	4000*2200*3600
WC67K/E-400T/5000	4000	5000	3800	400	250	580	22	32	5000*2200*3900
WC67K/E-400T/6000	4000	6000	4400	400	250	580	22	35	6000*2200*4100
WC67K/E-500T/4000	5000	4000	3300	500	320	620	30	33	4000*2400*3900
WC67K/E-500T/5000	5000	5000	3800	500	320	620	30	37.5	5000*2400*3900
WC67K/E-500T/6000	5000	6000	4410	500	320	620	30	43.5	6000*2450*4250
WC67K/E-500T/7000	5000	7000	5400	500	320	620	30	55	7000*2550*4350
WC67K/E-600T/4000	6000	4000	3300	500	320	620	37	45	4000*2700*4700
WC67K/E-600T/5000	6000	5000	3800	500	320	620	37	48	5000*2700*4750
WC67K/E-600T/6000	6000	6000	4600	500	320	620	37	55	6000*2700*4950
WC67K/E-600T/7000	6000	7000	5400	500	320	620	37	62	7000*2700*5150



Automatic CNC Press Brake with DA53T Controller System

Machine Introduction:

- New EU streamlined design
- The whole frame of the press brake adopt integrated welding, and by tempering to eliminate the internal stress
- The press brake frame adopt shot blast to remove rust and sprayed with anti-rust treatment
- The frame is formed by the imported CNC three-dimensional machining center in one process, which ensures the parallelism and verticality of each mounting surface.
- The controller can control the Y1 and Y2 axes (Y1 controls the left cylinder and Y2 controls the right cylinder) to ensure the synchronous movement of the ram
- Quiet speed waiting and fast down, (about 25 decibels), low noise during pressing and return (the pressure in the hydraulic system is the closed loop control of the servo main motor)
- The main oil pump does not apply work under the drive of the servo main motor, and the energy consumption is 60% lower than that of the general CNC press brake machine
- he machine oil temperature is stable, which extending the service life of various components of the hydraulic system
- More technical innovations to ensure the quality of bending, and powerful, easy to operate
- The press brake adopt the latest high-frequency hydraulic control technology, which is faster, more efficient and more stable
- The best parameter ratio, the optimal core configuration, the performance is stable, the operation is more convenient, and the bending of various workpieces in complex shape can be realized.



DELEM DA53T control system:

1. "Hot-key" touch navigation
2. 10.1" high resolution colour TFT
3. Up to 4 axes (Y1,Y2 + R, crowning axis)
4. Crowning control
5. TTool / material / product library
6. Servo and frequency inverter control
7. Advanced Y-axis control algorithms for closed-loop as well as open-loop valves.
8. TandemLink (option)
9. USB memory stick interfacing
10. Profile-T offline software

Standard Equipment:

1. Powered Depth Y-axis&Back gauge X-axis
2. Servo control X,Yaxis
3. HIWIN Ball screws &Polished rod with 0.05mm accuracy
4. Plate Support Arms
5. Telemecanique/Schneider Electrics
6. Germany Bosch-Rexroth Hydraulic
7. Germany Siemens Main Motor
8. Hydraulic &Electrical overload protection

Technical Specifications

Bending Force	Bending Length	Upright Distance	Throat Depth	Stroke	Opening Height	Main Motor	Weight	Overall Dimensions	
	Kn	mm	mm	mm	mm	mm	Kw	Ton	L×W×H mm
WC67K/E-30t/1600	300	1600	1300	200	80	220	5.5	2.3	1650*1200*1700
WC67K/E-30t/2000	300	2000	1300	200	80	220	5.5	2.5	2000*1150*1700
WC67K/E-40t/2500	400	2500	2030	250	100	340	5.5	3.5	2500*1200*1900
WC67K/E-63t/2500	630	2500	2050	250	120	340	5.5	4.5	2500*1600*2200
WC67K/E-63t/3200	630	3200	2510	250	120	340	5.5	5	3200*1600*2200
WC67K/E-80t/2500	800	2500	2050	250	120	350	5.5	6	2500*1700*2200
WC67K/E-80t/3200	800	3200	2510	250	120	350	5.5	6.2	3200*1700*2200
WC67K/E-100t/2500	1000	2500	2050	320	120	380	7.5	6.5	2500*1500*2200
WC67K/E-100t/3200	1000	3200	2510	320	120	380	7.5	7	3200*1800*2500
WC67K/E-100t/4000	1000	4000	3100	320	120	380	7.5	8.5	4000*1800*2500
WC67K/E-125t/3200	1250	3200	2510	320	120	380	7.5	7.5	3200*1900*2600
WC67K/E-125t/4000	1250	4000	3100	320	120	380	7.5	9.5	4000*1435*2600
WC67K/E-160t/2500	1600	2500	2050	320	200	450	11	9	2500*1900*2700
WC67K/E-160t/3200	1600	3200	2510	320	200	450	11	11	3200*2000*2800
WC67K/E-160t/4000	1600	4000	3040	320	200	450	11	12	4000*2000*2800
WC67K/E-160t/5000	1600	5000	3800	320	200	450	11	14.5	5000*1900*3100
WC67K/E-160t/6000	1600	6000	4600	320	200	450	11	19.5	6000*1900*3300
WC67K/E-200T/3200	2000	3200	2600	320	250	540	15	13.5	3200*1820*3300
WC67K/E-200T/4000	2000	4000	3300	320	250	540	15	15	4000*2000*2850
WC67K/E-200T/5000	2000	5000	3800	320	250	540	15	19	5000*1950*3000
WC67K/E-200T/6000	2000	6000	4600	320	250	540	15	21	6000*1950*3300
WC67K/E-250T/3200	2500	3200	2600	400	250	580	18.5	17	3300*2000*3200
WC67K/E-250T/4000	2500	4000	3300	400	250	580	18.5	20	4000*2000*3400
WC67K/E-250T/5000	2500	5000	3800	400	250	580	18.5	23	5000*2000*3500
WC67K/E-250T/6000	2500	6000	4600	400	250	580	18.5	25.5	6000*2000*3600
WC67K/E-300T/3200	3000	3200	2600	400	250	580	18.5	21	3200*2100*3300
WC67K/E-300T/4000	3000	4000	3300	400	250	580	18.5	23	4000*2100*3500
WC67K/E-300T/5000	3000	5000	3800	400	250	580	18.5	25	5000*2100*3700
WC67K/E-300T/6000	3000	6000	4600	400	250	580	18.5	27.5	6000*2100*4000
WC67K/E-400T/4000	4000	4000	3300	400	250	580	22	26	4000*2200*3600
WC67K/E-400T/5000	4000	5000	3800	400	250	580	22	32	5000*2200*3900
WC67K/E-400T/6000	4000	6000	4400	400	250	580	22	35	6000*2200*4100
WC67K/E-500T/4000	5000	4000	3300	500	320	620	30	33	4000*2400*3900
WC67K/E-500T/5000	5000	5000	3800	500	320	620	30	37.5	5000*2400*3900
WC67K/E-500T/6000	5000	6000	4410	500	320	620	30	43.5	6000*2450*4250
WC67K/E-500T/7000	5000	7000	5400	500	320	620	30	55	7000*2550*4350
WC67K/E-600T/4000	6000	4000	3300	500	320	620	37	45	4000*2700*4700
WC67K/E-600T/5000	6000	5000	3800	500	320	620	37	48	5000*2700*4750
WC67K/E-600T/6000	6000	6000	4600	500	320	620	37	55	6000*2700*4950
WC67K/E-600T/7000	6000	7000	5400	500	320	620	37	62	7000*2700*5150

Full Automatic CNC Hydraulic Press Brake with DA52S Controller System



Machine Introduction:

- New EU streamlined design
- The whole frame of the press brake adopt integrated welding, and by tempering to eliminate the internal stress
- The press brake frame adopt shot blast to remove rust and sprayed with anti-rust treatment
- The frame is formed by the imported CNC three-dimensional machining center in one process, which ensures the parallelism and verticality of each mounting surface.
- The controller can control the Y1 and Y2 axes (Y1 controls the left cylinder and Y2 controls the right cylinder) to ensure the synchronous movement of the ram
- Quiet speed waiting and fast down, (about 25 decibels), low noise during pressing and return (the pressure in the hydraulic system is the closed loop control of the servo main motor)
- The main oil pump does not apply work under the drive of the servo main motor, and the energy consumption is 60% lower than that of the general CNC press brake machine
- The machine oil temperature is stable, which extending the service life of various components of the hydraulic system
- More technical innovations to ensure the quality of bending, and powerful, easy to operate
- The press brake adopt the latest high-frequency hydraulic control technology, which is faster, more efficient and more stable
- The best parameter ratio, the optimal core configuration, the performance is stable, the operation is more convenient, and the bending of various workpieces in complex shape can be realized.

DA52S controller system (imported system – Netherlands) :

1. The DA52S is a complete cnc solution for conventional as well as synchronised press brake.
2. The panel based control ,capable of controlling 4 axes +C,can be integrated in cabinets as well as in an option pendant arm housing.
3. All common bend parameters are located on the one page . for advanced parameters an additional page can be selected.
4. Angle programming of Y axis ,crowning function and pressure control are standard on board.
5. USB interfacing enables the use of memory sticks as a fast product and tool backup medium.

Technical Specifications

Bending Force	Bending Length	Upright Distance	Throat Depth	Stroke	Opening Height	Main Motor	Weight	Overall Dimensions	
	Kn	mm	mm	mm	mm	mm	Kw	Ton	L×W×H mm
WC67K/E-30t/1600	300	1600	1300	200	80	22	5.5	2.3	1650*1200*1700
WC67K/E-30t/2000	300	2000	1300	200	80	220	5.5	2.5	2000*1150*1700
WC67K/E-40t/2500	400	2500	2030	250	100	340	5.5	3.5	2500*1200*1900
WC67K/E-63t/2500	630	2500	2050	250	120	340	5.5	4.5	2500*1600*2200
WC67K/E-63t/3200	630	3200	2510	250	120	340	5.5	5	3200*1600*2200
WC67K/E-80t/2500	800	2500	2050	250	120	350	5.5	6	2500*1700*2200
WC67K/E-80t/3200	800	3200	2510	250	120	350	5.5	6.2	3200*1700*2200
WC67K/E-100t/2500	1000	2500	2050	320	120	380	7.5	6.5	2500*1500*2200
WC67K/E-100t/3200	1000	3200	2510	320	120	380	7.5	7	3200*1800*2500
WC67K/E-100t/4000	1000	4000	3100	320	120	380	7.5	8.5	4000*1800*2500
WC67K/E-125t/3200	1250	3200	2510	320	120	380	7.5	7.5	3200*1900*2600
WC67K/E-125t/4000	1250	4000	3100	320	120	380	7.5	9.5	4000*1435*2600
WC67K/E-160t/2500	1600	2500	2050	320	200	450	11	9	2500*1900*2700
WC67K/E-160t/3200	1600	3200	2510	320	200	450	11	11	3200*2000*2800
WC67K/E-160t/4000	1600	4000	3040	320	200	450	11	12	4000*2000*2800
WC67K/E-160t/5000	1600	5000	3800	320	200	450	11	14.5	5000*1900*3100
WC67K/E-160t/6000	1600	6000	4600	320	200	450	11	19.5	6000*1900*3300
WC67K/E-200T/3200	2000	3200	2600	320	250	540	15	13.5	3200*1820*3300
WC67K/E-200T/4000	2000	4000	3300	320	250	540	15	15	4000*2000*2850
WC67K/E-200T/5000	2000	5000	3800	320	250	540	15	19	5000*1950*3000
WC67K/E-200T/6000	2000	6000	4600	320	250	540	15	21	6000*1950*3300
WC67K/E-250T/3200	2500	3200	2600	400	250	580	18.5	17	3300*2000*3200
WC67K/E-250T/4000	2500	4000	3300	400	250	580	18.5	20	4000*2000*3400
WC67K/E-250T/5000	2500	5000	3800	400	250	580	18.5	23	5000*2000*3500
WC67K/E-250T/6000	2500	6000	4600	400	250	580	18.5	25.5	6000*2000*3600
WC67K/E-300T/3200	3000	3200	2600	400	250	580	18.5	21	3200*2100*3300
WC67K/E-300T/4000	3000	4000	3300	400	250	580	18.5	23	4000*2100*3500
WC67K/E-300T/5000	3000	5000	3800	400	250	580	18.5	25	5000*2100*3700
WC67K/E-300T/6000	3000	6000	4600	400	250	580	18.5	27.5	6000*2100*4000
WC67K/E-400T/4000	4000	4000	3300	400	250	580	22	26	4000*2200*3600
WC67K/E-400T/5000	4000	5000	3800	400	250	580	22	32	5000*2200*3900
WC67K/E-400T/6000	4000	6000	4400	400	250	580	22	35	6000*2200*4100
WC67K/E-500T/4000	5000	4000	3300	500	320	620	30	33	4000*2400*3900
WC67K/E-500T/5000	5000	5000	3800	500	320	620	30	37.5	5000*2400*3900
WC67K/E-500T/6000	5000	6000	4410	500	320	620	30	43.5	6000*2450*4250
WC67K/E-500T/7000	5000	7000	5400	500	320	620	30	55	7000*2550*4350
WC67K/E-600T/4000	6000	4000	3300	500	320	620	37	45	4000*2700*4700
WC67K/E-600T/5000	6000	5000	3800	500	320	620	37	48	5000*2700*4750
WC67K/E-600T/6000	6000	6000	4600	500	320	620	37	55	6000*2700*4950
WC67K/E-600T/7000	6000	7000	5400	500	320	620	37	62	7000*2700*5150

NC Press Brake



Automatic NC Metal sheet Sheet fab Press Brake with E21 Controller System



Machine Introduction:

- Complete steel-welded structure, with sufficient strength and rigidity;
- Hydraulic down-stroke structure, reliable and smooth;
- Mechanical stop unit, synchronous torque, and high precision;
- Back-gauge distance and upper ram stroke with electric adjustment, and counter display;
- Upper tool with tension compensating mechanism, in order to guarantee high precision of bending;
- Eston E21 NC system, DA-41 can be optional;
- E300 for X-axis and Y axis +Crowning automatic control.
- Inclined wedge deflection on the compensation mechanism, in order to guarantee access to high bending accuracy
- Safety barrier device all around the machinery, electrical cabinets equipped with Open door cut-off function, emergency stop button around front and back, protective cover foot switch to ensure safe working.
- Inclined wedge deflection on the compensation mechanism, in order to guarantee access to high bending accuracy
- Safety barrier device all around the machinery, electrical cabinets equipped with Open door cut-off function, emergency stop button around front and back, protective cover foot switch to ensure safe working.

E300 controller system -Y, X + Crowning :

1. 3 axes are supported : X-axis,Y axis and C-axis (worktable crowning)
2. Automatic calculation of the block position, according to the bending angle ,material ,thickness, and mold parameter
3. The back gauge can be controller in a high accuracy since the servo system control x-axis
4. Optional hydraulic or mechanical to control the C-axis
5. Program in absolute value or angle
6. Three of the operation mode for the jobs .
7. You can backup ,restore,import and export the parameters ,for commissioning the machine easily.
8. Edit the program in one page ,for improving the operating efficiency .
9. You can program the dwell time (holding time) and retracting delay by the device instead of the time relay
10. Interference or collision of the die can be avoided
11. The opening distance can be adjusted ,for improving the operating efficiency.
12. Materials and die information are programmable
13. Language setting and unit setting

Technical Specifications

Bending Force	Bending Length	Upright Distance	Throat Depth	Stroke	Opening Height	Main Motor	Weight	Overall Dimensions	
	Kn	mm	mm	mm	mm	mm	Kw	Ton	L×W×H mm
WC67K/E-30t/1600	300	1600	1300	200	80	220	5.5	2.3	1650*1200*1700
WC67K/E-30t/2000	300	2000	1300	200	80	220	5.5	2.5	2000*1150*1700
WC67K/E-40t/2500	400	2500	2030	250	100	340	5.5	3.5	2500*1200*1900
WC67K/E-63t/2500	630	2500	2050	250	120	340	5.5	4.5	2500*1600*2200
WC67K/E-63t/3200	630	3200	2510	250	120	340	5.5	5	3200*1600*2200
WC67K/E-80t/2500	800	2500	2050	250	120	350	5.5	6	2500*1700*2200
WC67K/E-80t/3200	800	3200	2510	250	120	350	5.5	6.2	3200*1700*2200
WC67K/E-100t/2500	1000	2500	2050	320	120	380	7.5	6.5	2500*1500*2200
WC67K/E-100t/3200	1000	3200	2510	320	120	380	7.5	7	3200*1800*2500
WC67K/E-100t/4000	1000	4000	3100	320	120	380	7.5	8.5	4000*1800*2500
WC67K/E-125t/3200	1250	3200	2510	320	120	380	7.5	7.5	3200*1900*2600
WC67K/E-125t/4000	1250	4000	3100	320	120	380	7.5	9.5	4000*1435*2600
WC67K/E-160t/2500	1600	2500	2050	320	200	450	11	9	2500*1900*2700
WC67K/E-160t/3200	1600	3200	2510	320	200	450	11	11	3200*2000*2800
WC67K/E-160t/4000	1600	4000	3040	320	200	450	11	12	4000*2000*2800
WC67K/E-160t/5000	1600	5000	3800	320	200	450	11	14.5	5000*1900*3100
WC67K/E-160t/6000	1600	6000	4600	320	200	450	11	19.5	6000*1900*3300
WC67K/E-200T/3200	2000	3200	2600	320	250	540	15	13.5	3200*1820*3300
WC67K/E-200T/4000	2000	4000	3300	320	250	540	15	15	4000*2000*2850
WC67K/E-200T/5000	2000	5000	3800	320	250	540	15	19	5000*1950*3000
WC67K/E-200T/6000	2000	6000	4600	320	250	540	15	21	6000*1950*3300
WC67K/E-250T/3200	2500	3200	2600	400	250	580	18.5	17	3300*2000*3200
WC67K/E-250T/4000	2500	4000	3300	400	250	580	18.5	20	4000*2000*3400
WC67K/E-250T/5000	2500	5000	3800	400	250	580	18.5	23	5000*2000*3500
WC67K/E-250T/6000	2500	6000	4600	400	250	580	18.5	25.5	6000*2000*3600
WC67K/E-300T/3200	3000	3200	2600	400	250	580	18.5	21	3200*2100*3300
WC67K/E-300T/4000	3000	4000	3300	400	250	580	18.5	23	4000*2100*3500
WC67K/E-300T/5000	3000	5000	3800	400	250	580	18.5	25	5000*2100*3700
WC67K/E-300T/6000	3000	6000	4600	400	250	580	18.5	27.5	6000*2100*4000
WC67K/E-400T/4000	4000	4000	3300	400	250	580	22	26	4000*2200*3600
WC67K/E-400T/5000	4000	5000	3800	400	250	580	22	32	5000*2200*3900
WC67K/E-400T/6000	4000	6000	4400	400	250	580	22	35	6000*2200*4100
WC67K/E-500T/4000	5000	4000	3300	500	320	620	30	33	4000*2400*3900
WC67K/E-500T/5000	5000	5000	3800	500	320	620	30	37.5	5000*2400*3900
WC67K/E-500T/6000	5000	6000	4410	500	320	620	30	43.5	6000*2450*4250
WC67K/E-500T/7000	5000	7000	5400	500	320	620	30	55	7000*2550*4350
WC67K/E-600T/4000	6000	4000	3300	500	320	620	37	45	4000*2700*4700
WC67K/E-600T/5000	6000	5000	3800	500	320	620	37	48	5000*2700*4750
WC67K/E-600T/6000	6000	6000	4600	500	320	620	37	55	6000*2700*4950
WC67K/E-600T/7000	6000	7000	5400	500	320	620	37	62	7000*2700*5150



Automatic NC Metal Sheet Press Brake with E21 Controller System



Machine Introduction:

- The frame is steel structure, left and right vertical plate, table and pressure plate welded into a unitary structure, after welding to eliminate internal stress by tempering, exceptional rigidity, high stability.
- Important parts of the frame, sliders, etc. are used ANSYS finite element analysis software to ensure machine reliability.
- Hydraulic drive, cylinder on both end of machine, disposed on the slider to drive it work directly.
- Torsion axis synchronization for slide synchronous mechanism.
- Adopt a mechanical stopper mechanism, stable and reliable.
- Back Gauge size and slide stroke controlled by CNC system, back gauge with high precision ball screw, stable operation and precise positioning.
- The controller system adopts frequency conversion control technology, with multi-step programming function, simple and easy to operate.
- Inclined wedge deflection on the compensation mechanism, in order to guarantee access to high bending accuracy
- Safety barrier device all around the machinery, electrical cabinets equipped with Open door cut-off function, emergency stop button around front and back, protective cover foot switch to ensure safe working.

E21 controller system (Standard NCcontroller system) :

1. Backgauge and block control
2. Control for general AC motor ,frequency inverter
3. Intelligent positioning
4. Stock counter
5. Program memory of up to 40 programs & up to 25 steps per program
6. One side positioning
7. Retract function
8. One key back /restore of programs
9. Mm/inch / Chinese /English

Technical Specifications

Bending Force	Bending Length	Upright Distance	Throat Depth	Stroke	Opening Height	Main Motor	Weight	Overall Dimensions	
	Kn	mm	mm	mm	mm	mm	Kw	Ton	L×W×H mm
WC67K/E-30t/1600	300	1600	1300	200	80	220	5.5	2.3	1650*1200*1700
WC67K/E-30t/2000	300	2000	1300	200	80	220	5.5	2.5	2000*1150*1700
WC67K/E-40t/2500	400	2500	2030	250	100	340	5.5	3.5	2500*1200*1900
WC67K/E-63t/2500	630	2500	2050	250	120	340	5.5	4.5	2500*1600*2200
WC67K/E-63t/3200	630	3200	2510	250	120	340	5.5	5	3200*1600*2200
WC67K/E-80t/2500	800	2500	2050	250	120	350	5.5	6	2500*1700*2200
WC67K/E-80t/3200	800	3200	2510	250	120	350	5.5	6.2	3200*1700*2200
WC67K/E-100t/2500	1000	2500	2050	320	120	380	7.5	6.5	2500*1500*2200
WC67K/E-100t/3200	1000	3200	2510	320	120	380	7.5	7	3200*1800*2500
WC67K/E-100t/4000	1000	4000	3100	320	120	380	7.5	8.5	4000*1800*2500
WC67K/E-125t/3200	1250	3200	2510	320	120	380	7.5	7.5	3200*1900*2600
WC67K/E-125t/4000	1250	4000	3100	320	120	380	7.5	9.5	4000*1435*2600
WC67K/E-160t/2500	1600	2500	2050	320	200	450	11	9	2500*1900*2700
WC67K/E-160t/3200	1600	3200	2510	320	200	450	11	11	3200*2000*2800
WC67K/E-160t/4000	1600	4000	3040	320	200	450	11	12	4000*2000*2800
WC67K/E-160t/5000	1600	5000	3800	320	200	450	11	14.5	5000*1900*3100
WC67K/E-160t/6000	1600	6000	4600	320	200	450	11	19.5	6000*1900*3300
WC67K/E-200T/3200	2000	3200	2600	320	250	540	15	13.5	3200*1820*3300
WC67K/E-200T/4000	2000	4000	3300	320	250	540	15	15	4000*2000*2850
WC67K/E-200T/5000	2000	5000	3800	320	250	540	15	19	5000*1950*3000
WC67K/E-200T/6000	2000	6000	4600	320	250	540	15	21	6000*1950*3300
WC67K/E-250T/3200	2500	3200	2600	400	250	580	18.5	17	3300*2000*3200
WC67K/E-250T/4000	2500	4000	3300	400	250	580	18.5	20	4000*2000*3400
WC67K/E-250T/5000	2500	5000	3800	400	250	580	18.5	23	5000*2000*3500
WC67K/E-250T/6000	2500	6000	4600	400	250	580	18.5	25.5	6000*2000*3600
WC67K/E-300T/3200	3000	3200	2600	400	250	580	18.5	21	3200*2100*3300
WC67K/E-300T/4000	3000	4000	3300	400	250	580	18.5	23	4000*2100*3500
WC67K/E-300T/5000	3000	5000	3800	400	250	580	18.5	25	5000*2100*3700
WC67K/E-300T/6000	3000	6000	4600	400	250	580	18.5	27.5	6000*2100*4000
WC67K/E-400T/4000	4000	4000	3300	400	250	580	22	26	4000*2200*3600
WC67K/E-400T/5000	4000	5000	3800	400	250	580	22	32	5000*2200*3900
WC67K/E-400T/6000	4000	6000	4400	400	250	580	22	35	6000*2200*4100
WC67K/E-500T/4000	5000	4000	3300	500	320	620	30	33	4000*2400*3900
WC67K/E-500T/5000	5000	5000	3800	500	320	620	30	37.5	5000*2400*3900
WC67K/E-500T/6000	5000	6000	4410	500	320	620	30	43.5	6000*2450*4250
WC67K/E-500T/7000	5000	7000	5400	500	320	620	30	55	7000*2550*4350
WC67K/E-600T/4000	6000	4000	3300	500	320	620	37	45	4000*2700*4700
WC67K/E-600T/5000	6000	5000	3800	500	320	620	37	48	5000*2700*4750
WC67K/E-600T/6000	6000	6000	4600	500	320	620	37	55	6000*2700*4950
WC67K/E-600T/7000	6000	7000	5400	500	320	620	37	62	7000*2700*5150



Automatic NC Hydraulic Press Brake with DA41 Controller System



Machine Introduction:

- The frame is steel structure, left and right vertical plate, table and pressure plate welded into a unitary structure, after welding to eliminate internal stress by tempering, exceptional rigidity, high stability.
- Important parts of the frame, sliders, etc. are used ANSYS finite element analysis software to ensure machine reliability.
- Hydraulic drive, cylinder on both end of machine, disposed on the slider to drive it work directly.
- Torsion axis synchronization for slide synchronous mechanism.
- Adopt a mechanical stopper mechanism, stable and reliable.
- Back Gauge size and slide stroke controlled by CNC system, back gauge with high precision ball screw, stable operation and precise positioning.
- The controller system adopts frequency conversion control technology, with multi-step programming function, simple and easy to operate.
- Inclined wedge deflection on the compensation mechanism, in order to guarantee access to high bending accuracy
- Safety barrier device all around the machinery, electrical cabinets equipped with Open door cut-off function, emergency stop button around front and back, protective cover foot switch to ensure safe working.

Delem DA41 controller system:

The DA-41 control provide a complete solution for conventional press brake applications for 2 axes .Including the axes control for the press beam and backageue and flexible I/O configuration.the state of the art electronics Offers a versatile solution.

Features as below:

1. Bright LCD display
2. Backgauge control
3. Angle programming
4. Tool programming
5. Retract function
6. Up to 100 programs
7. Up to 25 bends per program
8. Panel based housing
9. Servo control /unipolair /AC two -speed control

Technical Specifications

Bending Force	Bending Length	Upright Distance	Throat Depth	Stroke	Opening Height	Main Motor	Weight	Overall Dimensions	
	Kn	mm	mm	mm	mm	mm	Kw	Ton	L×W×H mm
WC67K/E-30t/1600	300	1600	1300	200	80	220	5.5	2.3	1650*1200*1700
WC67K/E-30t/2000	300	2000	1300	200	80	220	5.5	2.5	2000*1150*1700
WC67K/E-40t/2500	400	2500	2030	250	100	340	5.5	3.5	2500*1200*1900
WC67K/E-63t/2500	630	2500	2050	250	120	340	5.5	4.5	2500*1600*2200
WC67K/E-63t/3200	630	3200	2510	250	120	340	5.5	5	3200*1600*2200
WC67K/E-80t/2500	800	2500	2050	250	120	350	5.5	6	2500*1700*2200
WC67K/E-80t/3200	800	3200	2510	250	120	350	5.5	6.2	3200*1700*2200
WC67K/E-100t/2500	1000	2500	2050	320	120	380	7.5	6.5	2500*1500*2200
WC67K/E-100t/3200	1000	3200	2510	320	120	380	7.5	7	3200*1800*2500
WC67K/E-100t/4000	1000	4000	3100	320	120	380	7.5	8.5	4000*1800*2500
WC67K/E-125t/3200	1250	3200	2510	320	120	380	7.5	7.5	3200*1900*2600
WC67K/E-125t/4000	1250	4000	3100	320	120	380	7.5	9.5	4000*1435*2600
WC67K/E-160t/2500	1600	2500	2050	320	200	450	11	9	2500*1900*2700
WC67K/E-160t/3200	1600	3200	2510	320	200	450	11	11	3200*2000*2800
WC67K/E-160t/4000	1600	4000	3040	320	200	450	11	12	4000*2000*2800
WC67K/E-160t/5000	1600	5000	3800	320	200	450	11	14.5	5000*1900*3100
WC67K/E-160t/6000	1600	6000	4600	320	200	450	11	19.5	6000*1900*3300
WC67K/E-200T/3200	2000	3200	2600	320	250	540	15	13.5	3200*1820*3300
WC67K/E-200T/4000	2000	4000	3300	320	250	540	15	15	4000*2000*2850
WC67K/E-200T/5000	2000	5000	3800	320	250	540	15	19	5000*1950*3000
WC67K/E-200T/6000	2000	6000	4600	320	250	540	15	21	6000*1950*3300
WC67K/E-250T/3200	2500	3200	2600	400	250	580	18.5	17	3300*2000*3200
WC67K/E-250T/4000	2500	4000	3300	400	250	580	18.5	20	4000*2000*3400
WC67K/E-250T/5000	2500	5000	3800	400	250	580	18.5	23	5000*2000*3500
WC67K/E-250T/6000	2500	6000	4600	400	250	580	18.5	25.5	6000*2000*3600
WC67K/E-300T/3200	3000	3200	2600	400	250	580	18.5	21	3200*2100*3300
WC67K/E-300T/4000	3000	4000	3300	400	250	580	18.5	23	4000*2100*3500
WC67K/E-300T/5000	3000	5000	3800	400	250	580	18.5	25	5000*2100*3700
WC67K/E-300T/6000	3000	6000	4600	400	250	580	18.5	27.5	6000*2100*4000
WC67K/E-400T/4000	4000	4000	3300	400	250	580	22	26	4000*2200*3600
WC67K/E-400T/5000	4000	5000	3800	400	250	580	22	32	5000*2200*3900
WC67K/E-400T/6000	4000	6000	4400	400	250	580	22	35	6000*2200*4100
WC67K/E-500T/4000	5000	4000	3300	500	320	620	30	33	4000*2400*3900
WC67K/E-500T/5000	5000	5000	3800	500	320	620	30	37.5	5000*2400*3900
WC67K/E-500T/6000	5000	6000	4410	500	320	620	30	43.5	6000*2450*4250
WC67K/E-500T/7000	5000	7000	5400	500	320	620	30	55	7000*2550*4350
WC67K/E-600T/4000	6000	4000	3300	500	320	620	37	45	4000*2700*4700
WC67K/E-600T/5000	6000	5000	3800	500	320	620	37	48	5000*2700*4750
WC67K/E-600T/6000	6000	6000	4600	500	320	620	37	55	6000*2700*4950
WC67K/E-600T/7000	6000	7000	5400	500	320	620	37	62	7000*2700*5150

Roll Bending Machine



Hydraulic CNC stainless steel plate rolling bending machine 3 roller bending machine



Machine Features:

The upper roller can move up and down, and horizontally. Moving up and down adjusts the bending rate, moving horizontally completes pre-bending, needn't add press machine. It can be feed once, you can complete pre-bending and form bending without turning round. And can correct the forming workpiece. High precision pre-bending. It can set the length freely, upper roller presses directly, can complete high precision pre-bending. Excellent product precision

The upper roller is in the shape of drum, there are auxiliary rollers to support the adjusting. It can make excellent rolling products with thin to thick metal plates.

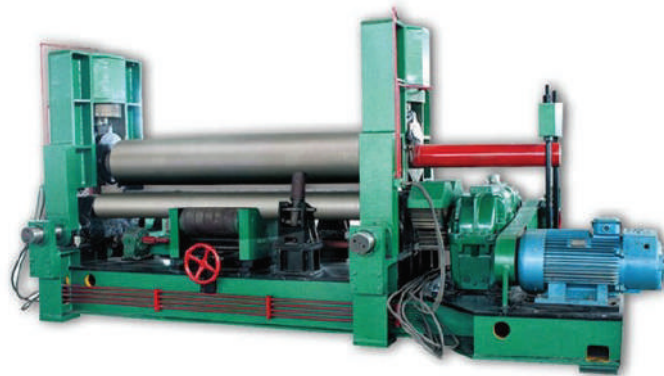
1. The structure style of this machine is 3 roller symmetrical.And it's mechanical type.
2. They rotate by the meshing between the output gear of the gearbox and the bottom roller and supply the torque for bending plate.
3. It's compact easy operate and maintain.
4. Extended shaft for profile bending.
5. The price of the machine has a big advantage.

Technical Specifications

Model	Max rolling thickness * width	Rolling speed	Min rolling diameter	Power
W11-6*1500	6*1500 mm	5.5m/min	380mm	5.5kw
W11-8*2000	8*2000 mm	5.6m/min	450mm	7.5kw
W11-12*2000	12*2000 mm	5.5m/min	500mm	11kw
W11-16*2500	16*2500 mm	5.5m/min	300mm	22kw
W11-20*2500	20*2500 mm	5m/min	750mm	30kw
W11-25*2500	25*2500 mm	4.5m/min	900mm	37kw
W11-30*3000	30*3000 mm	4.5m/min	1200mm	45kw



Universal TOP roller steel sheet plate bending roll machine Machine For Roll Bending Machine



Machine Features:

1. High Precision end Pre-bending

The straight edge length can be set freely, the upper roller press to pre-bend NC Control, high productivity. Parameters are controlled by NC, easy for operation, improve the productivity greatly

2. Good accuracy

The upper roller is like a drum, the lower rollers assorted with it through support rollers. Bend continuously, can roll ideal products from thin to thick plates widely

3. Safety Insurance

The lower rollers are fixed, the upper roller move vertically and horizontally. The job does not work with the working rollers. Complete structure, simple foundation, convenient movement. The machines has unitary basement, does not need earth bolts, has simple foundation

4. Many kinds of bending shapes

Cone cylinder auxiliary device, you can roll a range of cone-cylinder. O-bending : bending the back way; U-bend: the way forward bending. Bend with type R, ways of combination

Components:

1. Main power: Siemens Electrical made in Germany
2. Main electronic elements: Schneider made in France
3. Axletree: Double-row self-aligning bearing from Germany
4. Main motor: Siemens Electrical made in Germany
5. Programmable logic controller PLC: OMRON products from Japan
6. Hydraulic system: Bosch – Rexroth made in Germany
7. Gear pump: made in China Taiwan
8. Work Roller: Material of work roller with 42CrMo Alloy steel

Technical Specifications

Model	Max.Roll Thickness	Max.Roll width	Upper roller diameter	Side Roller Diameter	Motor
	mm	mm	mm	mm	Kw
W11S-4×1500	4	1500	140	120	3
W11S-6×2000	6	2000	190	170	4
W11S-6×2500	6	2500	220	180	5.5
W11S-8×2500	6	2500	250	210	7.5
W11S-12×2000	12	2000	250	210	11
W11S-12×3000	12	3000	310	270	15
W11S-16×2500	16	2500	310	270	15
W11S-16×4000	16	4000	390	360	22



CNC Full Automatic metal sheet four roller CNC roll bending machine



Machine Features:

The equipment has the pre-bending function of the plate end and the CNC rolling function. It can feed the metal plate at a time, and can complete the pre-bending and the roll forming of the workpiece without turning the head. The upper working roll of the machine is the main drive roll, and the lower roll and both sides of the roll are hydraulically driven. The lift displacement is controlled by the computer and is automatically leveled. The screen display shows the synchronization accuracy of $\pm 0.1\text{mm}$. The tilting and resetting of the rollover bearing body is hydraulic transmission, the balance of the upper roll is equipped with a balance mechanism, which can easily take out the rolled workpiece. It has a mobile stand-alone console that can be moved at any time; the machine is equipped with a safety interlocking device and is safe. Due to its full-featured, high-precision, and easy-to-use operation, this device is the ideal contemporary CNC coiling device. It is the ideal model for rolling circular and arc-shaped workpieces in energy, transportation, petroleum, chemical, boiler, shipbuilding, hydropower, and metal structure industries.

CNC control system:

1. Special bending aircraft, numerical control.
2. HMI (human machine interface), intelligent operation.
3. Self-compensating, single operate, high efficiency, safe and convenient.
4. Many models for choice, economic numerical control model, TC computerized numerical control.

Major parts of the manufacturing process:

1. Working rollers: cast steel ingot (chemical composition analysis): check performance-forging roughcast — forging annealing-UT flaw — roughing (mechanical tests)-heat treatment (hardening and tempering) — UT flaw — semi finishing — finishing — MT.
2. Large forgings: cylinder body, gear, gear shaft forging roughcast — surface inspection — roughing — UT flaw — UT flaw detector heat treatment — finishing semi—finishing — MT.
3. Welding structure: racks, chassis, wheel box
4. Plate into the factory (chemical composition analysis, mechanical properties test) — pretreatment — for sheet metal cutting-welding-seam UT or RT flaw — annealing treatment — roughing-finishing— vibration destressing—hot blasting —finishing

Configuration of Hydraulic Plate Rolling machine is follows:

1. Main power:Siemens Electrical made in Germany
2. Main electronic elements: Schneider made in France
3. Axletree:Double-row self-aligning bearingfrom Germany
4. Main motor: Siemens Electrical made in Germany
5. Programmable logic controller PLC:OMRON products from Japan
6. Hydraulic system: Bosch – Rexroth made in Germany
7. Gear pump: made in China Taiwan
8. Work Roller:Material of work roller with 42CrMo Alloy steel.
9. Digital display system:Touch Screen for Delta
10. Transducer:OMRON,Made in Japan
11. Automatic lubrication system:Sino-Japanese joint,which has block alarm

Technical Specifications

Model	Max.Roll Thickness	Max.Roll width	Upper roller diamater	Side Roller Diemater	Motor
	mm	mm	mm	mm	Kw
W12-4×1500	4	1500	140	120	3
W12-6×2000	6	2000	190	170	4
W12-6×2500	6	2500	220	180	5.5
W12-8×2500	6	2500	250	210	7.5
W12-12×2000	12	2000	250	210	11
W12-12×3000	12	3000	310	270	15
W12-16×2500	16	2500	310	270	15
W12-16×4000	16	4000	390	360	22
W12-20×2000	20	2000	330	300	15
W12-20×3000	20	3000	360	330	15
W12-25×2500	25	2500	390	360	18.5
W12-30X2500	30	2500	420	360	30
W12-30×3000	30	3000	430	390	37
W12-35×3000	35	3000	460	420	37
W12-45×2500	45	2500	460	420	37
W12-45×3000	45	3000	510	460	37
W12-50×2500	50	2500	510	460	45
W12-50X3000	50	3000	540	500	55
W12-65×3000	65	3000	650	550	55
W12-85×3000	85	3000	760	680	75



Hydraulic CNC stainless steel plate rolling bending machine 3 roller bending machine



Machine Features:

The upper roller can move up and down, and horizontally. Moving up and down adjusts the bending rate, moving horizontally completes pre-bending, needn't add press machine. It can be feed once, you can complete pre-bending and form bending without turning round. And can correct the forming workpiece. High precision pre-bending. It can set the length freely, upper roller presses directly, can complete high precision pre-bending. Excellent product precision. The upper roller is in the shape of drum, there are auxiliary rollers to support the adjusting. It can make excellent rolling products with thin to thick metal plates.

1. The structure style of this machine is 3 roller symmetrical. And it's mechanical type.
2. They rotate by the meshing between the output gear of the gearbox and the bottom roller and supply the torque for bending plate.
3. It's compact easy operate and maintain.
4. Extended shaft for profile bending.
5. The price of the machine has a big advantage.

Technical Specifications

Model	Max rolling thickness * width	Rolling speed	Min rolling diameter	Power
W11-6*1500	6*1500 mm	5.5m/min	380mm	5.5kw
W11-8*2000	8*2000 mm	5.6m/min	450mm	7.5kw
W11-12*2000	12*2000 mm	5.5m/min	500mm	11kw
W11-16*2500	16*2500 mm	5.5m/min	300mm	22kw
W11-20*2500	20*2500 mm	5m/min	750mm	30kw
W11-25*2500	25*2500 mm	4.5m/min	900mm	37kw
W11-30*3000	30*3000 mm	4.5m/min	1200mm	45kw

Roll Bending Machine



Automatic Steel Bar Bending Machine



Machine Features:

1. GW50 adopts the fully enclosed gear box separated from the working disk for no distortions even under the condition of heavy loads and no oil leaking while lifting the machine.
2. Gears,gear shafts,working disk,stop gauge,saddles,pile heads and pile head bushes made of high-quality alloyed steel with proper heat treatment(quenching/tempering/high frequency)and 3mm thick external case to ensure high performances also under heavy loads and long working life.
3. Dust proof brake motor and two limit switch to ensure the accuracy of the bending angle also after stopping and restarting.
4. Insert pin type disk and movable saddles for a precise adjusting of the bending angle.
5. CE certification

Technical Data

Model	GW50A	GW50B	GW50C	GW50E
Bending range(mm)	Round bar:6-50 Class bar:6-42	Round bar:6-50 Class bar:6-42	Round bar:6-52 Class bar:6-45	Round bar:6-50 Class bar:6-45
Motor power	4kw	4kw	4kw(with brake)	4kw
Input voltage	Three phase 220v/380v/415v or customized			
Motor speed	1440rpm			
Disk diameter(mm)	400	350	400	400
Overall size(mm)	965*785*780	970*830*860	870*810*850	1000*920*840
Weight	350kg	380kg	380kg	350kg
Driving mode	Worm gear	Worm gear	Gear	Gear
Operation mode	Hand manual	Hand manual	Automatic	Digital panel



Round Bending Machine Horizontal and Vertical Profile Rolling Machine



Machine Features:

1. Rolls are made from high quality steel
2. 65mm hardened and ground drive shafts with quality roller bearings & supports
3. Two rollers are powered for better drive & grip
4. Machine can be set up in horizontal or vertical working position
5. Moving foot pedal control with emergency stop
6. Adjustable lateral side guide rollers to help guide material
7. Rollers are geared driven via motor & gearbox
8. Standard rolls and guide rolls are included

Technical Data

Model	RBM50	RBM50HV	HRBM50HV	RBM65HV
Dia. of rollers	50mm			40mm
Power	2.2 kW 3HP			1.5kW/2HP
Spindle speed	9r/min			9.3r/min
Packing size	100x82x155	100x82x153	122x82x180	122x110x188cm
N.W./G.W.	450/520	460/537	515/650	720/890 kg
Capacity Size	Min Dia.			Size
Solid Rectangular	60×10	500	80×25	600
	40×10	650	40×10	500
Rectangular tube	70x50x3	1200	80x40x3	800
	50x40x3	800	50x30x2	500
Solid Square	35×35	600	50×50	600
	20×20	780	20×20	400
Squire Tube	60x60x3	600	70x70x3	900
	40x40x3	500	30x30x3	500
T-steel	60×7	750	80x40x7	400
	50×5	700	40x40x5	360
C channel	80x45x6	650	100x50x6	600
	65x40x5	550	50x40x5	500
Angle Iron	60×5	700	70×6	600
	50×5	700	40×5	500
Flat Bar	100×15	920	120×25	600
	60×10	1150	50×10	400
Soild Round Bar	ø35	600	ø50	600
	ø30	650	ø20	400



Electrical 3 axis pipe bending machine tube profile bending machine



Machine Features:

1. 1 set of standard hardened and ground rolls (special steel)
2. Two lower rolls are fixed. Upper roller is driven by motor and reducer
3. Portable control panel
4. Horizontal and Vertical optional
5. Body constructed of stress-relieved steel
6. Overload protection on Electrical systems
7. Bottom rolls hydraulically adjustable with digital readout
8. NC or CNC can optional by custome
9. CE certificate

Technical Data

Parameter		WQJ24-6
Profile maximum bending section modulus		6
Rolling speed		6
Profile yield limit(mpa)		△S-250
Angle steel inner bending	Maximum section(mm)	40×5
	Minimum bending diameter(mm)	800
	Minimum section(mm)	20×3
	Minimum bending diameter(mm)	400
Angle iron outer bending	Maximum section(mm)	50×5
	Minimum bending diameter(mm)	800
	Minimum section(mm)	20×3
	Minimum bending diameter(mm)	400
Channel steel outer bending	Channel model(mm)	8
	Minimum bending diameter(mm)	600
Channel steel inner bending	Channel model(mm)	8
	Minimum bending diameter(mm)	700
Flat bar flat bending	Maximum section(mm)	100×18
	Minimum bending diameter(mm)	600
Flat bar vertical bending	Maximum section(mm)	50×12
	Minimum bending diameter(mm)	500
Round tube bending	Maximum section(mm)	42×4
	Minimum bending diameter(mm)	500
Round bar bending	Maximum section(mm)	38
	Minimum bending diameter(mm)	450
Square bar bending	Maximum section(mm)	45×3
	Minimum bending diameter(mm)	750



Round and square metal pipe bending machine



Machine Features:

1. More stable: the total weight meets 260kg
2. More qualified: high quality approved by CE
3. More convenient : simple operation with pleasant experience
4. More multi-function : can bend pipe into circle or half circle according to customer's demand
5. If you want to bend pipes into a circular or arc shape ,the diameter of the circle or arc should be more than twenty times of the pipe diameter .
6. Inch, single, continuous operation mode being designed for the machine and reversing and maintain time can be controlled by the time relays.
7. We can supply bending dies in other specifications according to your requirements.

Technical Data

model	HHW-76B rolling pipe bending machine
capacity	max 3" steel pipe (6 sets for 18 moulds) round formers:16,19,22,25,32,38,51,63,76 max 2" steel pipe(3 sets for 9 moulds) square formers:16,19,22,25,30,38,40,50
motor	1500W, 220V/380V
pipe thickness	0.5-2mm
processed pipe	steel pipe,seamless steel tube
gross weight	260KG

Laser Cutting Machine



CNC auto tube and metal plate fiber laser tube cutting machine



Machine Introduction

Automatic electric chuck, claw DC motor drive, clamping motor current is sensitive, adjustable and stable, clamping range is wider and clamping force is larger. Non – destructive pipe clamping, fast automatic centering and clamping pipe, performance is more stable. The chuck size is smaller, rotation inertia is low, and dynamic performance is strong. Self-centering electric chuck, gear transmission mode, higher transmission efficiency, long working life and high work reliability.

Machine Features:

1. Applicable to both pipe and plate cutting
2. Dual drive for front and back rotary axis, keeping cutting precision avoiding pipe damage
3. Clamping range 0-220mm without adjusting the clamp
4. Fiber laser cutting machine can not only cut metal plates, but also metal tube. It has many uses and can save the space of more than 50%, which effectively improve productivity.
5. Stability and reliability of light path system and control system.
6. Imported original fiber lasers, high and stable function, lifespan is over 100000 hours.
7. Higher cutting quality and efficiency, cutting speed is up to 80m/min with appearance and beautiful cutting edge.
8. German high performance reducer, gear and rack; Japanese guide and all screw.

Technical Data

LASER SOURCE	RAYCUS LASER
CUTTING HEAD	RAYTOOLS BT-240
LATHE BED	DDMLASER
DRIVE MODE	DUAL DRIVE
TRANSMISSION	TAIWAN RACH AND PINION
GUIDE RAIL	TAIWAN
SERVO MOTOR AND DRIVER	4 SETS OF FUJI FROM JAPAN
REDUCER	FRANCE MOTOREDUCER
WATER CHILLER	HANLI
CONTROL SYSTEM	CYPCUT FROM SHANGHAI, CHINA
COMPUTER	ADVANTECH INDUSTRY COMPUTER
POWER REQUIREMENT	3 PHASE AC 380V 50HZ
GROSS WEIGHT	3.00MTS
TERMINAL ROW	GERMANY WEIDMULLER
RELAY	FRANCE SCHNEIDER
SOLENOID VALUE	TAIWAN AIRTAC
PROPORTIONAL VALUE	JAPANESE SMC
WORKING SIZE	3000*1500 MM

Turret Punch Machine



All electrical single servo metal sheet CNC turret punch machine



Machine Introduction

ES300 series all electric single servo cnc turret punch press. Main transmission adopts direct drive servo motor, which retains the advantage of simple and reliable structure as mechanical transmission, at the same time, servo transmission has a better performance than hydraulic transmission. ES300 series punch press has the characteristics of high-efficiency, energy-saving, low-noise, high-accuracy, and can realize many processes like cutting, forming, rolling, lettering and so on. The punching force is 300KN, the max. sheet size can be fabricated is 5000x1250mm (with one re-positioning), five-axis machining (X, Y, T, C, A). The core of the Windows operating system and CNCKAD application. CAD two-dimensional graphics programming; Batch drag and drop processing of files in DXF, DWG or IGES format, direct nesting. Servo system-Japan Panasonic AC servo motor and servo amplifier unit; Punching power-Nanjing ESTUN all electric servo motor; Adopt O-frame steel frame welding frame; line guider and ball screw choose Germany REXROTH.

Machine Paramters

	D-ES300 standard	D-ES300 Large Format
TRANSMISSION METHOD	ALL ELECTRICAL SERVO	ALL ELECTRICAL SERVO
PUNCHING CAPACITY	30 ton	30 ton
MAX. HIT RATE		
PUNCHING (PITCH=1MM)	900 HPM	900 HPM
PUNCHING (PITCH=25.4MM)	500 HPM	500 HPM
MARKING	1500 HPM	1500 HPM
WORKING RANGE		
X AXIS	5000 mm	5000 mm
Y AXIS	1250 mm	1500 / 2000 mm
MAX. SHEET THICKNESS	6.35 mm	6.35 mm
MAX. WORKPIECE WEIGHT	150 kg	150 kg
TOOL & TURRET		
NUMBER OF TOOLS/CLAMPS	32/3	32/3
AUTO-INDEX	2 B (dia <31.7mm)	2 B (dia <31.7mm)
STANDARD TURRET LAYOUT	16A 10B 2BC 2C 2D	16A 10B 2BC 2C 2D
MOVING SPEED		
X AIXS	80 m/min	80 m/min
Y AXIS	80 m/min	80 m/min
X Y COMBINED	110 m/min	110 m/min
T AXIS	30 RPM	30 RPM
C AXIS	40 RPM	40 RPM
DIMENSIONS		
LENGTH	5170 mm	5670 / 6670 mm
WIDTH	5200 mm	5200 mm
HEIGHT	2300 mm	2300 mm
AVERAGE POWER CONSUMPTION DURING PRODUCTION	4.5 kW	4.5 kW

Auto Prouction Line



HVAC Rectangular Duct line Square duct Auto Production Line V



Main Features:

There are two styles:

one is linear type V, them composed of a decoiler, leveler grooving unit, “V” and “□” notching unit, cutting unit, bending unit, reciprocating lock former unit, feed extraman unit, duplex flange (angle iron & TDF), automatic folder unit composition;

Another is U type V, also composed of a decoiler, leveler grooving unit, “V” and “□” notching unit, cutting unit, bending unit, reciprocating lock former unit, feed extraman unit, duplex flange (angle iron & TDF), automatic folder unit composition;

Except for the above standard configuration, the two types of duct line can be customized based on customer demand with the support of punching of the reinforce holes unit, C & S flange connection required for notching unit and forming unit, U-shaped duct production line can be added more .

Basic Configuration:

1. Two electric coil cradles, 4 material trays (5-7t each roll)
2. One rack
3. One host (line 2 host)
4. One mechanical arm clutching, locating and transferring platform
5. One movable locking machine
6. One duplex TDF flange forming machine
7. One duplex angle steel flange forming machine
8. One servo feeding platform
9. One hydraulic folding machine
10. One set of computer controlling system

Technical Data

Model	DML-V-1250	DML-V-1550
Thickness (mm)	0.5-1.2	0.5-1.2
Max width (standard) (mm)	1250	1550
Max working speed (m/min)	12	12
Coiler Max-weight (KG)	8000	8000
Power (KW)	26	28
Weight	15000	16000
Dimension	2400*3500*1500	2400*3800*1500



Left and Right-GX-50CNC-LR-11A



Description:

It is left and right two direction pipe bending machine. With 11 servo axis. Touch screen with English or any other language, Industry PC controller. Electric and hydraulic parts from Japan, France and Germany. With Taiwan core tech since 1989.

SPECS:

1. STANDARD
2. GX-50CNC-LR-11A
3. CNC Fully automatic
4. LR Left and right two direction bending
5. 11A 11 servo axis
6. Max bending $\Phi 50 \times 2$ mm
7. Bending speed 30-100 °/s
8. Feeding speed 25-900 mm/s
9. Rotating speed 30-200 °/s
10. Bending precision $\pm 0.1^\circ$
11. Feeding precision ± 0.1 mm
12. Rotating precision $\pm 0.1^\circ$
13. Max bending degree 190°
14. Working light
15. Input data of Y, B, C or X, Y, Z
16. Automatic lubrication system
17. Pipe material: mild steel, stainless steel, copper, aluminum ...
18. Round / square / rectangle / profile ... pipes and bars
19. CE, ISO90001, UL, EAC marked

OPTIONAL:

1. Safty cover
2. Auto mandrel lubrication system
3. Air conditioner cooling system
4. Robot loading and unloading
5. 3D bending simulation, can read CAD files
6. Connect three coordinates measuring instrument
7. Safe blanket / Infrared alarm device



SB-50CNC



Description:

It is fully automatic pipe bending machine. Bending pipe by electric (hydraulic as optional), feeding pipe by electric, rotating pipe by electric, clamping pipe by hydraulic, mandrel shift by hydraulic. Touch screen with English or any other language, PLC controller (Windows XP Industry PC as optional). Fan / water / oil cooling for your choice. With auto lubrication function. Electric and hydraulic parts from Japan, France and Germany. With Taiwan core tech since 1989.

SPECS:

1. STANDARD
2. SB-50CNC-SR-E (H)
3. CNC Fully automatic
4. SR Single radius
5. E Electric bending
6. H Hydraulic bending
7. Max bending $\Phi 50.8 \times 3$ mm
8. Mandrel length 3000 mm
9. Bending speed 30-100 °/s
10. Feeding speed 25-900 mm/s
11. Rotating speed 30-200 °/s
12. Bending precision $\pm 0.1^\circ$
13. Feeding precision ± 0.1 mm
14. Rotating precision $\pm 0.1^\circ$
15. Max bending degree 190°
16. Working light
17. Input data of Y, B, C or X, Y, Z
18. Automatic lubrication system
19. Pipe material: mild steel, stainless steel, copper, aluminum ...
21. CE, ISO90001, UL, EAC marked

OPTIONAL:

1. DR Double radius
2. TR Triple radius
3. QR Quadruple radius
4. MR Multi radius
5. LR Left and right direction bending
7. P Punching
8. C Cutting
9. Safty cover
10. Bend 1.0XD radius, or more tight radius
11. Auto mandrel lubrication system
12. Fan / Water / Oil cooling system
13. Robot loading and unloading
15. Industry PC (3D tube showing, function of mirror image and reverted image)
16. 3D bending simulation, can read CAD files
18. Safe blanket / Infrared alarm device



Laser-Lenght to 12m



Description:

Ultra-long up to 8000mm or 12000mm tube laser cutting machine. With 5 axis. Auto feeding tube. It with two functions: intersecting line cutting function and cut-off function. It can cut various shapes on the steel tube and cut different sections according to different butt surfaces.

SPECS:

- | | |
|---|--------------------------|
| 1. STANDARD | 2. Lenght to 12m |
| 3. Cutting range length 8000mm / 12000mm | 4. Diameter up to 350mm |
| 5. Laser power 1000-8000w | 6. Maximum speed 80r/min |
| 7. X,Y Axis maximum acceleration 1.0G | |
| 8. Positioning accuracy of X and Y Axes | ±0.03mm/m |
| 9. X and y axis repeat positioning accuracy ±0.02mm/m | 10. Chuck Bearing 1000kg |



CH-50NC



Description:

Notching machine is specially for arc shape cutting. Clamping and cutting by hydraulic. It can notch straight and curve pipe. Microcomputer controller with English or any other language. Easy to change tools, and with low noise. With Taiwan core tech since 1989.

SPECS:

- | | |
|-----------------------------------|-----------------------------|
| 1. STANDARD | 2. CH-50NC |
| 3. NC Semi automatic | 4. Max cutting Φ50X2 mm |
| 5. Working speed 4 second / piece | 6. Working degree 0° - 180° |

Pipe material: mild steel, stainless steel, copper, aluminum Round / square / rectangle / profile ... pipes and bars
CE, ISO90001, EAC, UL marked



TF-60-420-AL



Description:

Taper forming machine specially to form taper shape, feeding tube automatic by hydraulic, auto loading and unloading. MACHINE-INTER is imported from Taiwan. The working voice is small (Around 90 dB). With Taiwan core tech since 1989.

SPECS:

- | | |
|--------------------------------------|----------------------------------|
| 1. STANDARD | 2. TF-60-420-AL |
| 3. Max forming $\Phi 60 \times 2$ mm | 4. Forming length 420 mm |
| 5. Automatic loading and unloading | 6. Spindle speed 177 Rpm |
| 7. Power of motor 5.5KW | 8. Forming time 6-15 Second/time |

Pipe material: mild steel, stainless steel, copper, aluminum Round pipes
CE, ISO90001, EAC, UL marked



Y-360



Description:

Y360 is designed for heavy duty crimping and it is especially suitable for manufacturing large hydraulic and industrial hoses assembly. This machine is fast and it produces accurate outcomes. Y360 is also flexible because of its excellent features and it has high production capacity.

SPECS:

- | | |
|---|--|
| 1. STANDARD | 2. Y-360 |
| 3. H.C. Material Forge Steel (Cr40) | 4. Crimping Range 2"-10" |
| 5. Max. Opening +120mm (4 3/4") | 7. Master Die Length 125mm (5") |
| 6. Opening without Dies 360mm (14 1/6") | 9. Max. Crimping Force 1200T (12000kN) |
| 8. System Pressure 31.5Mpa | 11. Control Digital PLC |
| 10. Voltage 380V / 15kW | |
| 12. Weight 2600kg / 400kg | |
| 13. Size (L x W x H) 1060 x 800 x 1880mm / 750 x 850 x 1280mm | |



P-115A-3



Description:

It is for grinding round or oval tubes. Its grinding belts planetary system enables the best performance. The planetary running system has the variable speed control to suit for different polishing requirements. Advanced abrasive belts opening scheme system can let the tube easily come into polishing area. With a magnetic safety switch for planetary disc cover open-close. Portugal core tech since 1989.

SPECS:

- | | |
|--------------------------------|-----------------------------|
| 1. STANDARD | 2. P-115 (A) - 3 |
| 3. Automatic feeding | 4. 3 Three heads |
| 5. Max polishing $\Phi 115$ mm | 6. Wheel motor 1.5 Kw |
| 7. Belt motor 2.2 Kw | 8. Machine consumption 10 A |

Manual feeding

Pipe material: mild steel, stainless steel, copper, aluminum Round / oval straight or bent pipe
CE, ISO90001, EAC, UL marked



DJ-50-2H-P



Description:

DJ-50-2H-P double head chamfering machine is controlled by pneumatic, it can finish two ends of pipe / bar one time. Feeding / retracting and clamping by pneumatic, auto unloading. It has 2-step feed speed. The first step feed is high speed, then the second step feed speed is adjustable to produce clean and smooth cutting results. Changing sizes of cut are conveniently made by simply adjusting and changing cutterhead and clamp. With Taiwan core tech since 1989.

SPECS:

- | | |
|---|--|
| 1. STANDARD | 2. DJ-50-2H-P |
| 3. Pneumatic type | 4. Double head |
| 5. Capacity Pipe $\Phi 10$ - 52 mm | 6. Bar $\Phi 6$ - 38 mm |
| 7. Pipe length 25 - 1000 mm (standard) | 8. Cutterhead $\Phi 12$ - 52 mm (standard) |
| 9. Spindle Motor 2.2 Kw, 2 pieces | 10. Spindle Speed 850 - 1300 Round / min |
| 11. Air Pressure 6 - 8 kg / cm ² , 120 ml / min, 0.6 - 0.8 Mpa | 12. Automatic lubrication system |
- Pipe material: steel, iron, stainless steel, aluminum, bronze, non-ferrous metal, plastic and graphite fiber Round pipe and bar, CE, ISO90001, EAC, UL marked



Electro-hydraulic synchronous CNC sheet metal bending machine



Description:

Electro-hydraulic full servo system, combined with grating ruler for precise positioning, achieves full closed-loop control. The maximum bending force of a single machine is 30000KN, the length is 10000mm, and it can bend Q235 plates with a maximum thickness of 50mm. The backgauge is driven by a servo motor, driven by a ball screw, and guided by a linear guide to ensure positioning accuracy.

PRODUCT FEATURES:

1. Stylish appearance design, high rigidity, high speed electro-hydraulic synchronous CNC sheet metal bending machine.
2. The electro-hydraulic full servo system, combined with the grating ruler for precise positioning, achieves full closed-loop control.
3. Hydraulic or mechanical deflection compensation of the worktable ensures workpiece processing accuracy.
4. The backgauge is driven by a servo motor, driven by a ball screw, and guided by a linear guide to ensure positioning accuracy.

Product Paramters

Model	Nominal pressure	Workbench length	Column spacing	Throat depth	Slider Main	Maximum opening height	Fuel tank volume
	KN	mm	mm	mm	mm	mm	L
WE67K-40/2000	400	2000	1650	200	150	400	260
WE67K-40/2000	400	2000	1650	200	150	600	260
WE67K-63/2500	630	2500	2050	250	200	460	300
WE67K-80/2500	800	2500	2050	250	200	460	300
WE67K-100/3200	1000	3200	2700	400	200	460	380
WE67K-100/400	1000	4000	3200	430	200	460	380
WE67K-125/3200	1250	3200	2700	430	200	470	380
WE67K-125/4000	1250	4000	3200	430	200	470	380
WE67K-160/3200	1600	3200	2700	430	200	500	400
WE67K-160/4000	1600	4000	3100	430	200	500	400
WE67K-200/3200	2000	3200	2700	430	200	500	560
WE67K-200/4000	2000	4000	3100	430	200	500	670
WE67K-250/3200	2500	3200	2650	400	250	520	560
WE67K-250/4000	2500	4000	3100	400	250	520	670
WE67K-250/5000	2500	5000	4000	400	250	520	800
WE67K-250/6000	2500	6000	4800	400	250	520	1000
WE67K-320/3200	3200	3200	2650	400	250	480	600
WE67K-320/4000	3200	4000	3100	400	250	480	720
WE67K-320/5000	3200	5000	4000	400	250	480	968
WE67K-320/6000	3200	6000	4800	400	250	480	1187
WE67K-400/3200	4000	3200	2650	500	320	660	600
WE67K-400/4000	4000	4000	3100	500	320	660	720
WE67K-400/5000	4000	5000	4000	500	320	660	968
WE67K-400/6000	4000	6000	4800	500	320	660	1187
WE67K-500/4000	5000	4000	3100	600	320	760	870
WE67K-500/5000	5000	5000	4000	600	320	760	1146
WE67K-500/6000	5000	6000	4800	600	320	760	1400
WE67K-600/6000	6000	6000	4800	600	320	800	1400
WE67K-800/6000	8000	6000	4800	650	350	700	2100
WE67K-1000/6000	10000	6000	4800	600	400	980	2100
WE67K-1200/6000	12000	6000	4800	1600	450	1550	2100
WE67K-1600/6000	16000	6000	4800	1100	450	1200	3900
WE67K-1600/9000	16000	9000	6500	1100	450	1200	3900
WE67K-2200/8000	22000	8000	6000	1100	450	1200	3460

(CNC) torsion axis synchronous bending machine



Description:

Mechanical forced synchronization system makes both sides of the slider move parallel through the synchronization axis. Upper mold deflection compensation device, optional fast upper mold clamping device. The maximum bending force is 4000KN, the length is 6000mm, and it can bend Q235 plates with a maximum thickness of 10mm. In CNC machines, the X-axis back gauge is driven by a servo motor, driven by a ball screw, and guided by a linear guide. In CNC machines, the Y-axis slider stroke is controlled by a servo motor to ensure high positioning accuracy.

PRODUCT FEATURES:

1. The frame is machined after welding to ensure its high strength, high rigidity and high precision.
2. A mechanical forced synchronization system is adopted to make both sides of the slider move parallel through the synchronization axis.
3. It adopts the upper mold deflection compensation device and can also be equipped with a fast upper mold clamping device.
4. The X-axis backgauge is driven by a servo motor, driven by a ball screw, and guided by a linear guide.
5. The Y-axis slider stroke is controlled by a servo motor to ensure high positioning accuracy.

Product Paramters

Model	Nominal pressure	Workbench length	Column spacing	Throat depth	Slider Main	Maximum opening height	Fuel tank volume
	KN	mm	mm	mm	mm	mm	L
WC67Y-30/1300	300	1300	1020	200	100	210	77
WC67Y-40/2000	400	2000	1650	200	100	340	145
WC67Y-40/2500	400	2500	2050	200	100	340	145
WC67Y-63/2500	630	2500	2050	250	100	340	240
WC67Y-63/3200	630	3200	2650	250	100	340	240
WC67Y-80/2500	800	2500	2050	250	100	350	240
WC67Y-80/3200	800	3200	2650	250	100	350	240
WC67Y-100/2500	1000	2500	2050	320	100	365	240
WC67Y-100/3200	1000	3200	2650	320	100	365	280
WC67Y-100/4000	1000	4000	3100	320	100	365	280
WC67Y-125/2500	1250	2500	2050	320	100	365	240
WC67Y-125/3200	1250	3200	2650	320	100	365	280
WC67Y-125/4000	1250	4000	3100	320	100	365	280
WC67Y-160/3200	1600	3200	2650	320	200	480	280
WC67Y-160/4000	1600	4000	3100	320	200	480	280
WC67Y-200/3200	2000	3200	2650	320	200	490	360
WC67Y-200/4000	2000	4000	3100	320	200	490	470
WC67Y-250/3200	2500	3200	2650	400	250	480	540
WC67Y-250/4000	2500	4000	3100	400	250	480	640
WC67Y-250/5000	2500	5000	4000	400	250	480	850
WC67Y-250/6000	2500	6000	4800	400	250	480	850
WC67Y-300/3200	3000	3200	2650	400	250	560	580
WC67Y-300/4000	3000	4000	3100	400	250	560	700
WC67Y-300/5000	3000	5000	4000	400	250	560	950
WC67Y-300/6000	3000	6000	4800	400	250	560	950
WC67Y-400/3200	4000	3200	2650	400	320	600	580
WC67Y-400/4000	4000	4000	3100	400	320	600	700
WC67Y-400/5000	4000	5000	4000	400	320	600	950
WC67Y-400/6000	4000	6000	4800	400	320	600	950
WC67Y-100/3200C	1000	3200	2650	430	150	415	280
WC67Y-100/4000C	1000	4000	3100	430	150	415	280
WC67Y-125/3200C	1250	3200	2650	430	150	415	280
WC67Y-125/4000C	1250	4000	3100	430	150	415	280
WC67Y-160/3200C	1600	3200	2650	430	200	480	280
WC67Y-160/4000C	1600	4000	3100	430	200	480	280



CNC front feeding hydraulic swing shearing machine



Description:

Our company's various shearing machines can be equipped with front feeding devices to facilitate material loading and improve efficiency. This series of equipment can cut the maximum thickness range of Q235 plates: 6-30mm, and adopts three-point roller guide rail support to ensure shearing quality.

PRODUCT FEATURES:

1. Excellent shearing machine as the host machine.
2. The feeding platform adopts ball screw drive, linear guide guide, and pneumatic clamps to clamp the sheet material, with accurate positioning and reliable clamping.
3. The imported CNC system is used to control the feeding device, which is easy to operate.
4. The front feeding platform uses rolling steel balls to support materials, which reduces feeding resistance and avoids scratches on the working surface.

Product Paramters

Model			QC12K-6×2500/2500	QC12K-6×3200/2500	QC12K-6×3200/3000	QC12K-6×4000/2500
Host	Shearing board size	mm	6×2500	6×3200	6×3200	6×4000
	shear angle	deg	1.5°	1.5°	1.5°	1.5°
	Number of trips	min-1	18	14	14	14
Front feeding	Maximum stroke	mm	2500	2500	3000	2500
	positioning accuracy	mm	±0.10/300	±0.10/300	±0.10/300	±0.10/300
	Number of clamps		5	7	7	9
	Clamp air source pressure	MPa	0.6	0.6	0.6	0.6

(CNC) hydraulic gate shearing machine



Description:

This series of equipment can cut the maximum thickness range of Q235 plates: 6-30mm, and adopts three-point roller guide rail support to ensure shearing quality. The blade gap can be adjusted accurately and quickly, and the upper tool rest stroke can be adjusted steplessly to increase the shearing speed.

PRODUCT FEATURES:

1. The four cutting edges of the upper and lower blades can be used for cutting, extending the blade use time.
2. The shearing angle can be adjusted quickly and accurately, which can reduce the deformation of the sheared sheet.
3. The stroke of the upper tool rest can be adjusted steplessly to increase the shearing speed.
4. A variety of CNC systems are optional to control the back gauge and cutting edge clearance, etc.

Product Paramters

Model	Cutttable specifications	Shear angle	Number of trips	Backgauge	Main motor	Fuel tank volume
	(mm)		(min-1)	(mm)	(KW)	(L)
QC11Y-6×2500	6×2500	0.5°~2°	12	20-600	7.5	275
QC11Y-6×3200	6×3200	0.5°~2°	9	20-600	7.5	300
QC11Y-6×4000	6×4000	0.5°~2°	10	20-600	11	447
QC11Y-8×2500	8×2500	0.5°~2°	11	20-600	11	275
QC11Y-8×3200	8×3200	0.5°~2°	8	20-600	11	293
QC11Y-8×4000	8×4000	0.5°~2°	10	20-600	15	480
QC11Y-10×3200	10×3200	0.5°~2°	8	20-600	15	365
QC11Y-12×2500	12×2500	0.5°~2.5°	8	20-800	15	363
QC11Y-12×3200	12×3200	0.5°~2.5°	8	20-800	15	387
QC11Y-12×4000	12×4000	0.5°~2.5°	8	20-800	22	760
QC11Y-16×2500	16×2500	0.5°~3°	7	20-800	22	411
QC11Y-16×3200	16×3200	0.5°~2.5°	7	20-800	22	473
QC11Y-20×2500	20×2500	0.5°~3°	6	20-1000	30	603
QC11Y-20×3200	20×3200	0.5°~2.5°	6	20-1000	30	650
QC11Y-25×2500	25×2500	0.5°~3°	5	20-1000	45	980
QC11K-6×2000	6×2000	0.5°~2°	18	20-600	7.5	230
QC11K-6×6000	6×6000	0.5°~2°	7	20-1000	15	790
QC11K-8×6000	8×6000	0.5°~2°	7	20-1000	22	790
QC11K-10×6000	10×6000	0.5°~2°	7	20-1000	22	1014
QC11K-10×7000	10×7000	0.5°~2°	7	20-800	37	1438
QC11K-10×8000	10×8000	0.5°~2°	7	20-1000	45	1784
QC11K-12×6000	12×6000	0.5°~2°	7	20-1000	30	1713
QC11K-13×8000	13×8000	0.5°~2°	6	20-1000	75	1749
QC11K-16×6000	16×6000	0.5°~2.5°	5	20-1000	37	1441
QC11K-20×6000	20×6000	0.5°~2.5°	4.5	20-1000	55	1970
QC11K-25×3200	25×3200	0.5°~3°	4	20-1000	45	970
QC11K-25×4000	25×4000	0.5°~3°	4	20-1000	45	1095
QC11K-25×6000	25×6000	0.5°~3°	5	20-1000	2×37	2330
QC11K-30×2500	30×2500	0.5°~3.5°	4	20-1000	55	1039

Forming machine CX08-665



Description:

Throat depth: 665mm

Vertical throat depth: 430mm

Opening height between upper and lower mold connection surfaces: 210-295mm

Punch up and down oscillation amount: 8mm

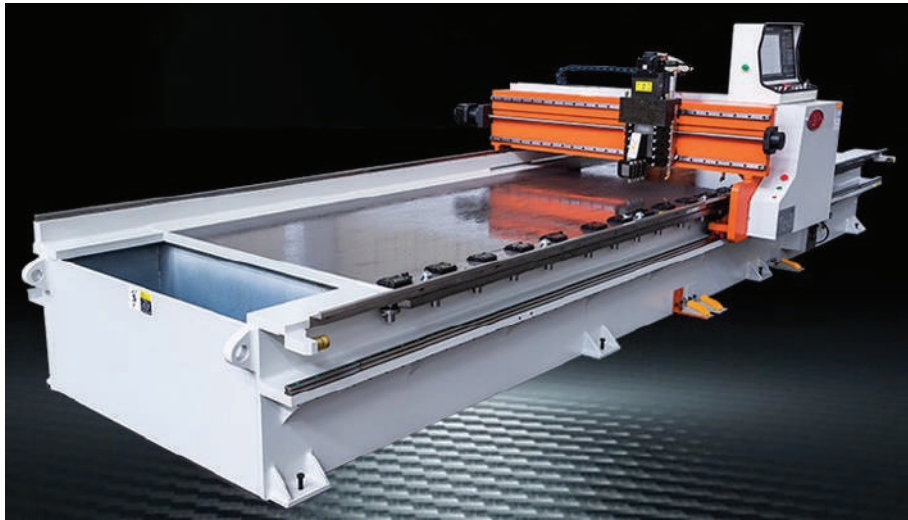
PRODUCT FEATURES:

1. This series of machines is a new type of chip-free, cold forming general mechanical processing equipment.
2. By using various molds with different functions, various sheet metal processes such as compression, rolling, spherical forming, leveling, hammering, and car straightening can be realized on the same equipment. It is an ideal sheet metal forming machinery and equipment.
3. It changes the traditional manual operation method of sheet metal forming, greatly reduces the operator's labor intensity, and greatly improves production efficiency.
4. It can be widely used in aircraft, locomotives, automobiles, ships, electrical appliances, medical and light industry and other industries.

Product Parameters

Name	Value
horizontal throat depth	665mm
vertical throat depth	430mm
Opening height between upper and lower die connection surfaces	210-295mm
Punch up and down oscillation amount	8mm
Punch feed adjustment amount	80mm
Punch oscillation frequency	0~600 times/min
The maximum plate thickness that the machine can form	
Steel plate ($\sigma_b=450\text{MPa}$)	6mm
Aluminum plate ($\sigma_b=250\text{MPa}$)	8mm
Copper plate ($\sigma_b=250\text{MPa}$)	8mm
Stainless steel ($\sigma_b=600\text{MPa}$)	4mm

Router



Description:

This equipment mainly makes the sheet more beautiful after bending and forming. The thickness range of the sheet that can be processed is: 0.6-4mm. The gantry structure makes loading and unloading convenient and efficient.

PRODUCT FEATURES:

1. The bed and beams are welded with high-strength steel plates, which are heat-treated and tempered to eliminate welding stress. They have high strength, no deformation, and good stability.
2. The machine tool adopts a gantry structure, which makes loading materials convenient and fast and has high work efficiency.
3. Four-axis CNC (Y, X1 axis, X2 axis, Z axis), the cutting process is smooth and efficient, with fast processing speed and high positioning accuracy.
4. The workpiece to be processed is fed in from the front end, and the side and end faces are hydraulically clamped. It has a high degree of automation and is easy and fast to operate.
5. The CNC grooving machine uses imported cutting tools, which are sharp in cutting.
6. High-pressure cooling system extends tool service life.
7. The CNC system imported from South Korea is stable, reliable and easy to learn.

Product Paramters

Project	1500×4000 parameters	1500×6000 parameters
Maximum width of planed panelsMax width	1500mm	1500mm
Maximum length of grooved panelsMax length	4000mm	6000mm
Maximum thickness of planed panels	3mm	3mm
Minimum thickness of grooved sheet min V grooving thickness	0.6mm	0.6mm
Minimum distance between V-shaped groove and edgeMin edge width	8mm	8mm
Maximum distance of beam forward movement (Y axis)	4150mm	6150mm
Crossbeam forward movement cutting speed cutting speed	≤60m/min	≤60m/min
Crossbeam backward movement speed cutter return speed	≤60m/min	≤60m/min
Maximum distance of tool holder left and right movement	1500mm	1500mm
Cutting beam (X1, X2 axis) speed	≤10m/min	≤10m/min
Maximum distance of tool holder moving up and down (Z axis)	60mm	60mm
Cutter Z axis speed	≤10m/min	≤10m/min
Machine tool overall dimensions (L x W x H)	6180×2550×1460(mm)	8180x2550x1510 (mm)



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