

NC Press Brake WC67K-125T3200 E310P



Main Features:

1. Streamlined design originated from EU, heat treatment of machine frame, high rigidity workbench, optional mechanical crowning device, ensuring bending precision.
2. Hydraulic synchronous control and Estun CNC programmable controller guarantee precise repeatability and easy use.
3. Integrated hydraulic system (Germany Bosch Rexroth) can automatically switch to slow bending in quick way.
4. X ,Y-axis realize accurate positioning function through CNC E310P controller programming ,servo drive and servo motor.
5. Latest servo response hydraulic control technology, the machine tool is more stable and reliable.
6. Optimal parameter ratio and optimal core configuration guarantee stable performance and more convenient operation.
7. WC67K standard single-axis back gauge system, single-axis bending angle system and V-axis compensation function any type irregular work pieces can be done with suitable die.

Main Configuration:

- Estun E310P double-servo controller
- Controller controls and adjusts Y-axis and X-axis
- Servo drive and control positioning of X-axis and Y-axis
- Use HIWIN ball screw and linear guide rail, accuracy 0.05mm
- Front material supporter
- Germany Bosch Rexroth hydraulic valve block
- Germany EMB oil tube connector
- Germany Siemens main motor/China Wannan Main Motor
- France Schneider electrics
- Hydraulic & electrical overload protection
- Upper and lower dies (86° , R0.6mm, material: 42CrMo)

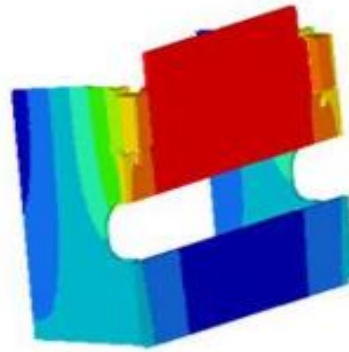
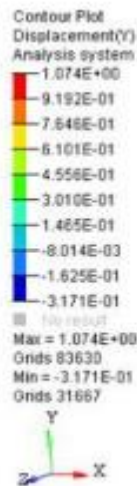
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MACHINE BLOCK:

KRRASS® press brake features a rigid frame for min deflection under the load. The frame steels are German origin and designed using SOLIDWORKS 3D programming and made with quality steel Improved Q235 using the latest technology.

Feature:

- The machine welding is made by welding apparatus and welding robots.
- After the welding, we make stress relief process by vibration system.
- After the stress relief process machine frame goes to CNC 5 axes machining centers for accuracy.
- All reference surfaces and connection holes are machined.
- By all these processes machine frame sensitivity is protected for a long life time.



PRO S PRESS BRAKE CYLINDERS:

In order to allow tilting of the ram without damage, because we use spherical connections. This type of connection also allows peak forces to be absorbed gently.

Advantage:

- High-Speed Free Fall
- High Bending Speed
- High Return Speed
- Very low noise level.



- Free-fall bending & return speeds of EURO PRO S press brakes series makes it the best choice to meet demands in today's competitive markets.
- PRO S series offer twice as fast production capacity compared to conventional NC press brakes.

SPEED GRIP SYSTEM:

The speed grip system reduces the time spent changing tools by 80% compared with traditional systems.

Advantage:

- Vertical tool exchange
- Safety guard
- including selectable intermediates



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Features:

4 axes are supported, viz, X-axis, Y-axis, R-axis and C-axis.

Automatic calculation of the block position, according to the bending angle, material, thickness and mold parameters.

The back gauge can be controlled in a high-accuracy since the servo systems control X-axis and

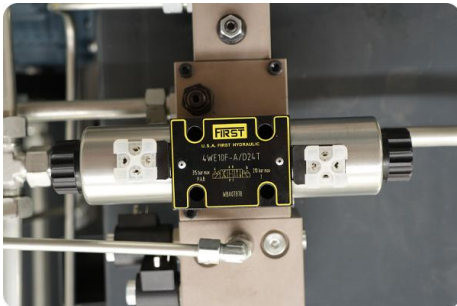
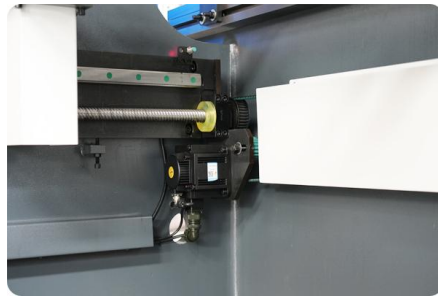
R-axis.

Optional hydraulic or mechanical to control the C-axis.

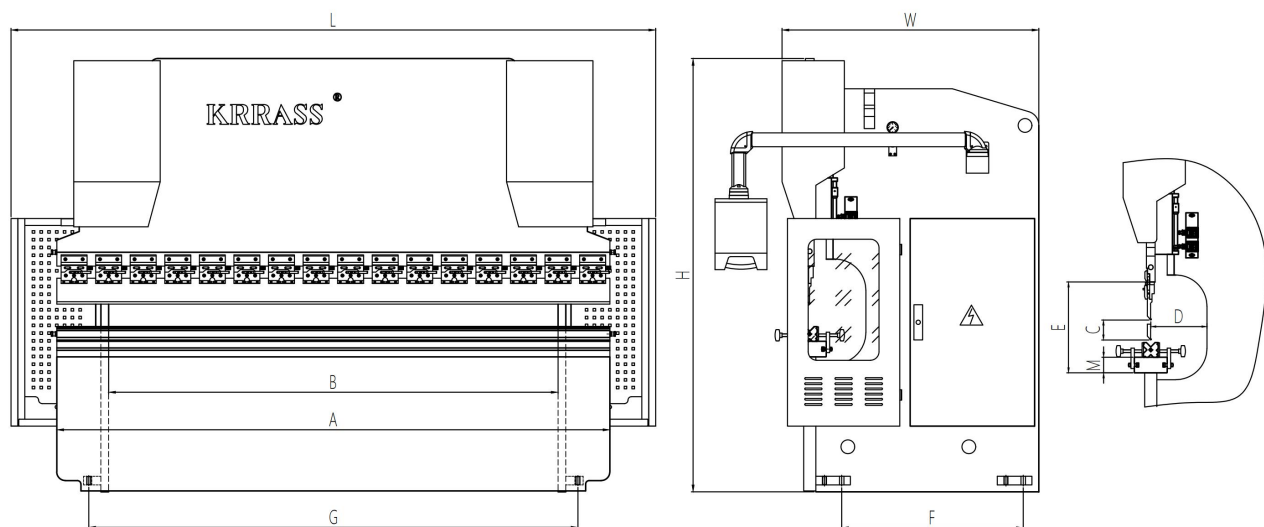
Program in absolute value or angle.

Materials and die informations are programmable.

Language setting and unit setting.



1	Model			WC67K-125T3200
2	Bending Pressure	kN	1250	
3	Bendling Length (A)	mm	3200	
4	Vertical Column Distance (B)	mm	2600	
5	Throat Depth (D)	mm	320	
6	Slider Stroke	mm	160	
7	Max Opening Height(excluding fixtures and workbenches) (E)		mm	520
8	Main Motor	Power	kW	11
9	Oil pump	ml/r		20
10	Controller	Model		E310P
11	Slide Working Speed	Driving	mm/s	100
		Pressing	mm/s	10
		Returning	mm/s	100
12	Slide Working Accuracy	Repeat Position Accuracy	mm	±0.01
13	Backage X Axis	Stroke	mm	600
		Repeat Position Accuracy	mm	≤±0.01
14	Frame Thickness	Left and Right Vertical Plates	mm	45(Throat+30)
		Workbench	mm	70
		Slider	mm	50
15	L		mm	3750
16	W		mm	1500
17	H		mm	2500

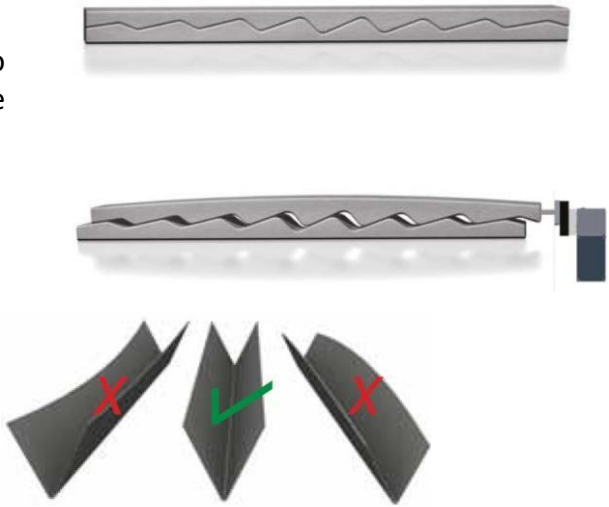
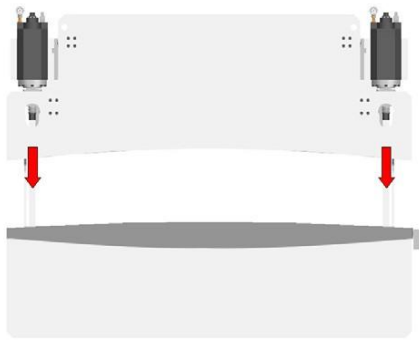


MANUAL MACHANICAL CROWNING SYSTEM(Optional):

The system allows the user to manually control the deformation of the beam during bending. Therefore, the angle remains constant throughout the length of the board.

Advantage:

The convexity system is controlled by hand to automatically execute the convexity and make the part in a uniform bending angle at any given point.



Standard Configuration List:

No.	Name	Model/Manufacturer	Others
1-	Controller	■ E310P- Estun	
2-	Electrics	Schneider - France	Travel switch & Limit Switch
3-	Main Motor	Siemens Motor - Germany	
4-	Back Stopper, Timing Belt, Timing Pulley	SHAC	Positioning Control
5-	Pedal Switch	KACON-Korea	
6-	Hydraulic System	Bosch Rexroth - Germany/First-USA	
7-	Hydraulic Oil	First-USA	
8-	Sealing Ring	MERKEL - Germany	Sealing Ring
9-	Oil Tube Connector	EMB - Germany	Oil Tube Connector
10-	Front Safeguard	Produced by KRRASS	Front Safeguard
11-	Die	One Set of standard Dies	Die
12-	Backgauge	Ball Screw and Polished Rod, Linear Guide Rail-Taiwan, SHAC	Backgauge
13-	Clamp	Quick Clamp - China	Clamp
14-	Deflection Crowning(Optional)	Mechanical Crowning	China Brand