

WC67E PRESS BRAKE



OUR COMPANY

For the past 40 years since 1982, our machines have been used by more than 50000 customers around the world. Over the years, ADH has focused on innovative research and development, and has become a leading manufacturer of metal sheet metal forming, laser cutting equipment and intelligent solutions.

- 40 years manufacturing & servicing experience
- Export to over 80 countries
- More than 40 technicians
- Rank top 5 in China



 EMPLOYEES

617

 PRODUCTION BASES

3

 ANNUAL SALES VOLUME

5000

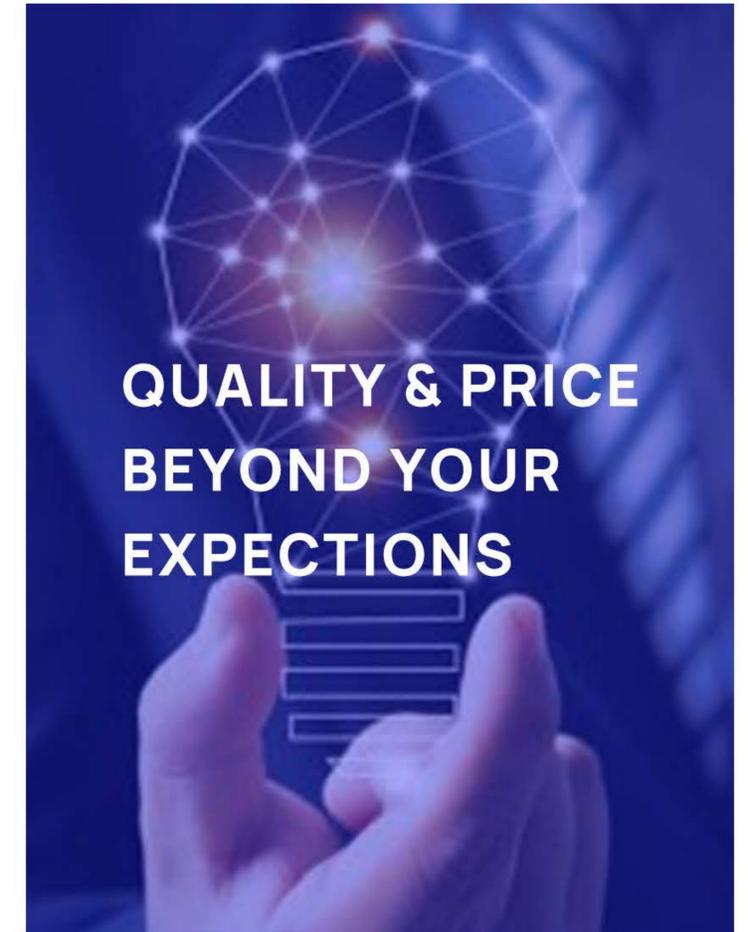
 SALES/SERVICE OFFICE

67

RELIABLE



**STRONG AT
AFTER-SALE SERVICES**



**QUALITY & PRICE
BEYOND YOUR
EXPECTATIONS**



WC67E SERIES

ECONOMICAL TYPE

- EU streamlined design
- Heat treatment frame
- High rigidity workbench
- Optional mechanical crowning or motorized crowning
- Hydraulic synchronization control
- Estun E200P/E300/Delem DA41T programmable logic controller
- Integrated hydraulic system (Bosch Rexroth, Germany)
- X-axis and Y-axis are programmed by the controller
- Variable frequency hydraulic control
- Standard single-axis backgauge system (X-axis)
- Single-axis bending angle system (Y-axis)
- Manual R axis lifting function

STANDARD

- Estun E200P/E300/Delem DA41T controller
- Taiwan DELTA inverter
- Siemens main motor
- German BOSCH-REXROTH hydraulic system
- SAEMP/Sunny oil pump
- JS/EMB fittings
- PMI/PYM (Taiwan) ball screw linear guide (backgauge)
- Timing belt
- Galvanized cold drawn tube
- Fine grinding worktable (double side T-slot)
- Schneider electrics
- Y,X axis (servo motor control)
- Manual R axis
- European type punch die holder
- Foot pedal with emergency stop button
- Side and back safety gates
- Fast clamp
- Backgauge fingers moving with linear guide

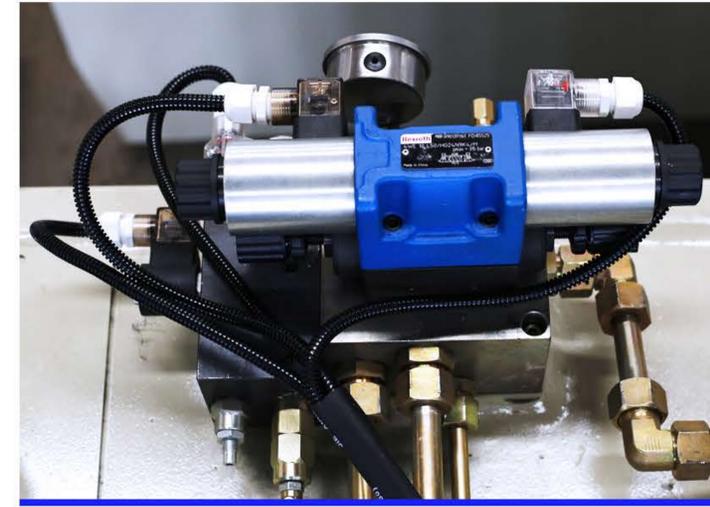
OPTIONAL

- Front light curtain
- Rear light curtain
- Front laser protection
- Mechanical crowning
- Motorized crowning
- Automatic R-axis lifting function
- Automatic angle adjustment
- Dual inverter
- Movable support arm with linear guide
- Air cooling system



MECHANICAL STRUCTURE

- The main mechanical structure of the press brake consists of the frame, column, ram, worktable, the main cylinder and backgauge.
- The main components are through finite element analysis and optimized design by 3D software to fully guarantee the structural strength and rigidity of each component.



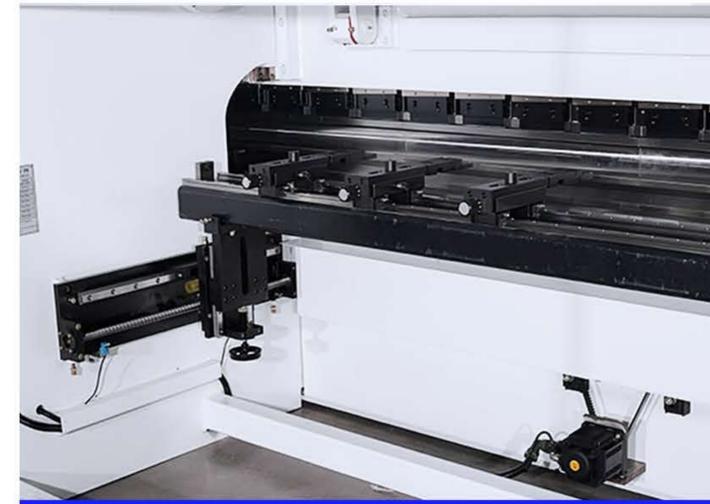
HYDRAULIC SYSTEM

- Our press brake machine uses BOSCH-REXROTH integrated hydraulic control system that limits the number of pipe connections, making it more reliable and easy for maintenance.



FRAME

- The foundation of every ADH press brake is a solid, mono-block frame which made from high yield steel.
- Which means our press brakes will perform accurately and reliably year after year.
- We're so confident in our frames so that we offer a 15-year warranty with our standard machines.



BACKGAUGE

- We use the Taiwan PMI back screw and linear to ensure the moving of X-axis with higher accuracy than using rod.
- And the backgauge adopts timing belt wheel mechanism which is controlled by servo motor instead of step motor.
- The up and down movement of the backgauge finger can be adjusted manually.



TORQUE SYNCHRONOUS CONTROL SYSTEM

- Adopt steel torsion bar synchronization system, the structure is very simple, but the accuracy is very high.
- At the two ends of the ram, there are two synchronizing devices so that the ram movement is always parallel to the worktable.
- This structure highlights the effect of balancing motion during operation.



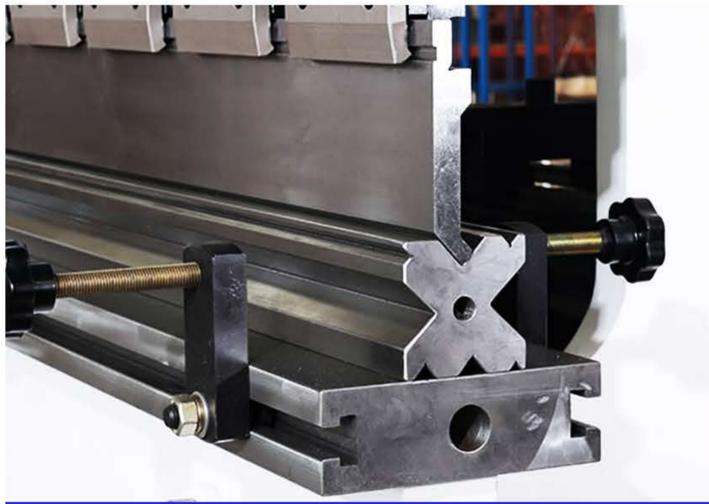
ELECTRICAL SYSTEM

- Our press brake adopts Schneider electrical components.
- The high quality electric parts can make the machine perform well even if the electricity is not stable and customers can easily get the replacement anywhere in the world.



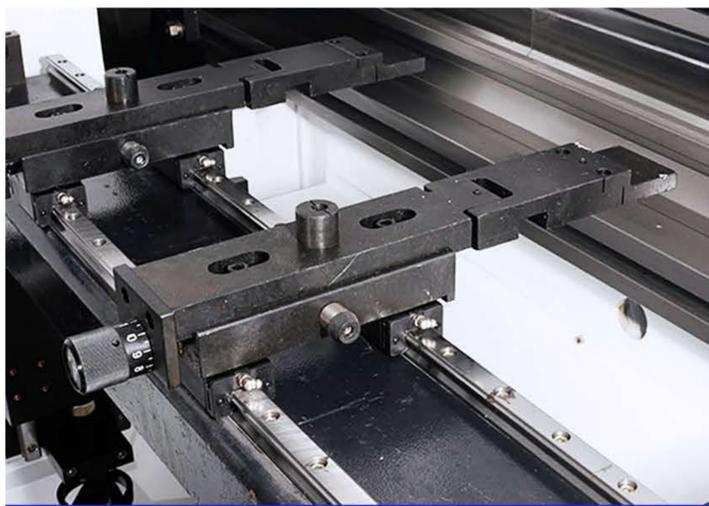
FAST CLAMP

- The standard equipped fast clamp will help you replace the top punch in very short time.
- Convenient and time-saving.



PUNCH & DIE

- The standard top punch and multi-V bottom die can be used for bending sheet metal in various thickness.
- More press brake toolings can be selected as per your practical use.



BACKGAUGE FINGER

- Generally the press brake will equip two fingers.



SERVO DRIVE

- The Estun servo drive will be helpful to ensure the accuracy.



LIMIT SWITCH

- Switch for rear emergency shutdown and stroke of ram.



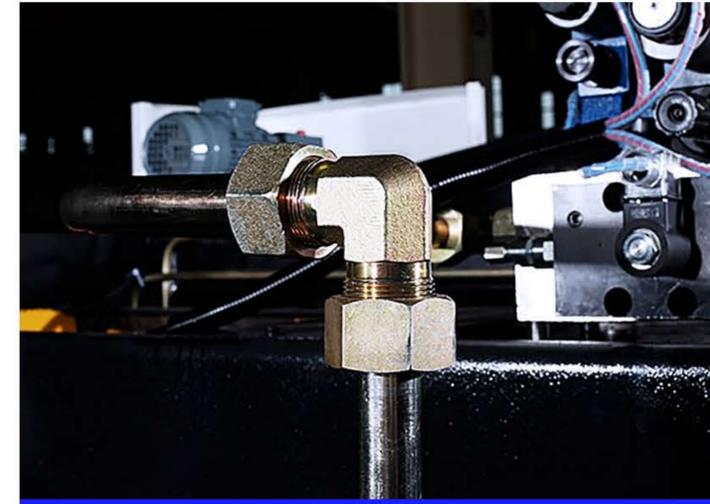
OPEN DOOR POWER-OFF SWITCH

- When open the door of the cabinet, the electrics will be power off.



POWER-OFF SWITCH

- The open door power-off switch inside the electrical cabinet.



FITTINGS

- JS and EMB tube fittings can be selected.



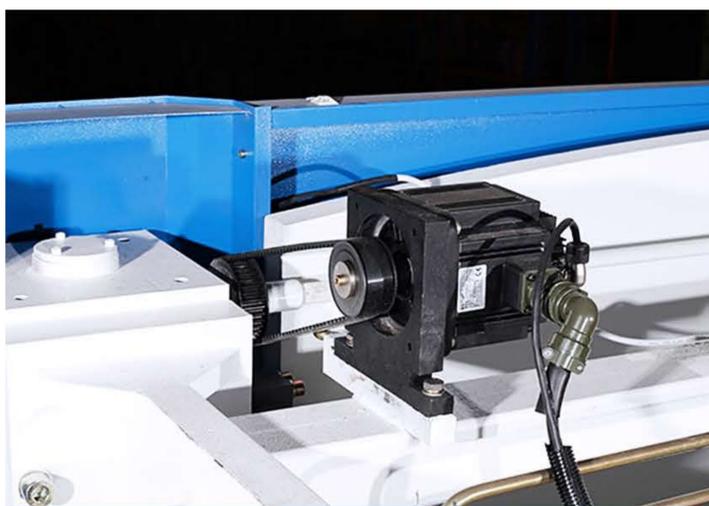
PRESSURE GAUGE

- The pressure will show the real-time pressure.



FRONT LIGHT CURTAIN

- The front light curtain will be very helpful for protecting the fingers of the operators.



Y-AXIS CONTROL SERVO MOTOR

- The up and down movement of the ram is controlled by servo motor.



LASER PROTECTION

- Does not affect the efficiency of the press brake, can completely solve the safety problem.

QUALITY
IS
WHAT
WE
PURSUE



WC67E PRESS BRAKE



ESTUN E200P

- HD LCD display
- Chinese and English language options
- Using CAN bus technology
- Servo control X、 Y axis
- Simple installation wiring
- Support multi-step programming
- Complex workpieces can be completed at one time
- Built-in PLC, with machine tool motion control function Built-in dwell time
- Unloading delay setting function
- Adjustable return distance function
- Self-diagnosis and real-time alarm functions
- Reservation security interface
- Having a key parameter backup and restore functionality All keys on the panel are micro-switches
- CE certified



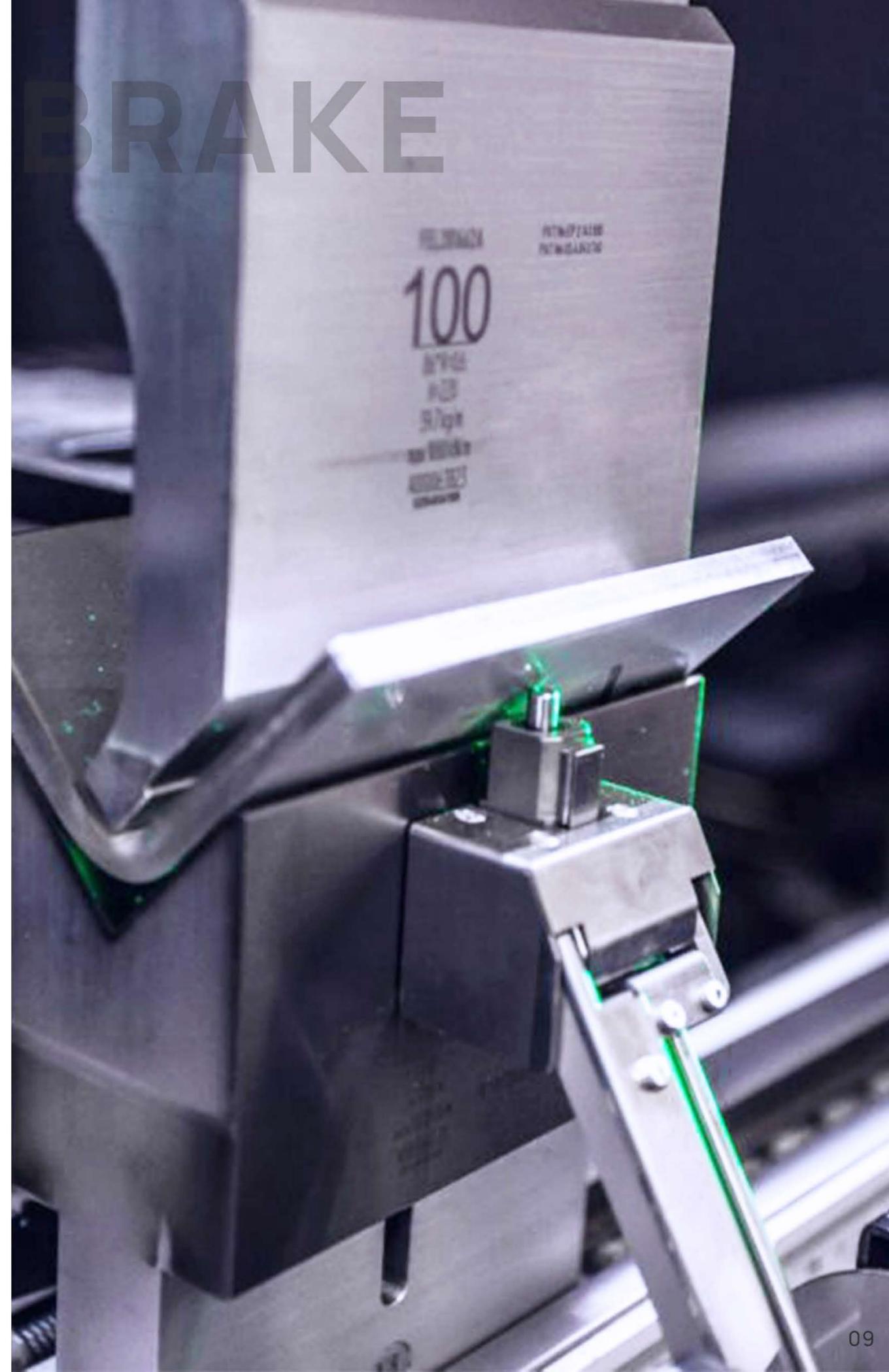
ESTUN E300

- Dedicated NC (numerical control) device for the Torsion Bending Machine
- Economic solution
- Adopt the integral product structure
- Built-in high-performance A8 processor
- Configures 5.6 inch, 640 x 480 dot matrix 18 full color display screen
- Integrated IO ports, serial ports and USB port
- Operated via the buttons on the front panel.
- Pump switch and the emergency stop button are installed



DELEM DA-41T

- Ultra-high resolution 7" widescreen TFT LCD display Industrial-grade PCT tempered glass touch screen
- Ergonomic design for easy operation
- High strength and scratch resistance, can be operated with gloves
- Each nuance highlights the high-end level
- The shell is designed based on panel installation, easy to integrate
- USB interface
- Perfect combination with current bending machine design style



BACKGAUGE

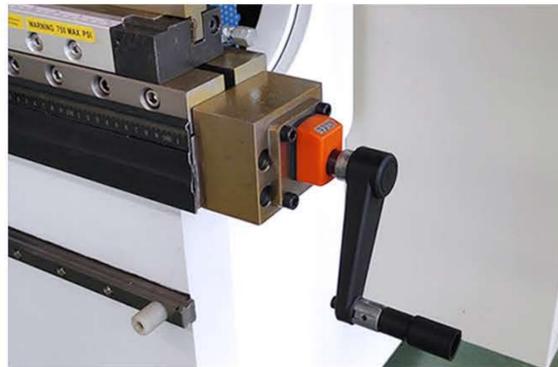
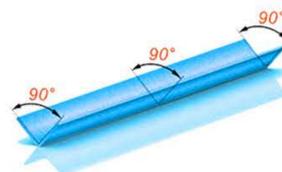
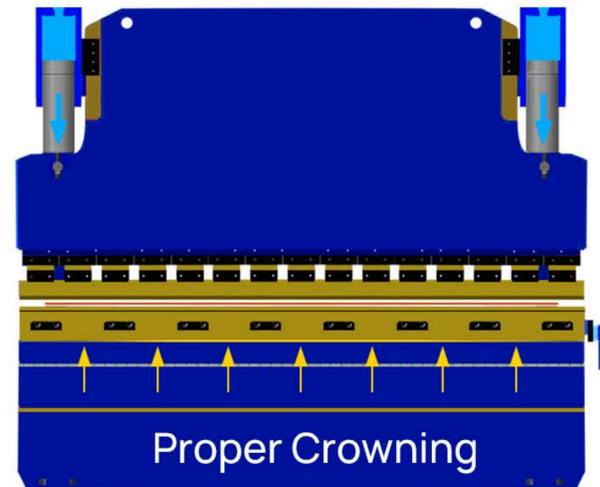
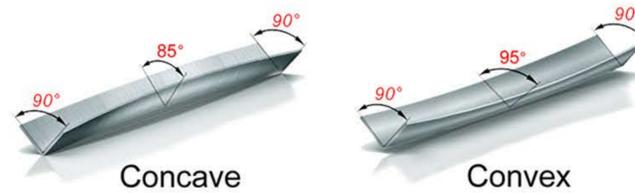
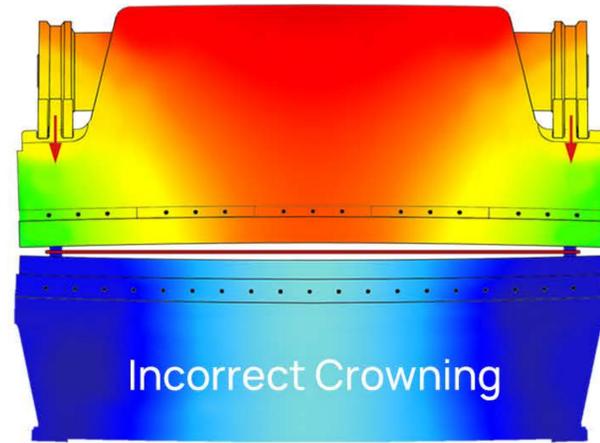
- Back gauges with different numbers of axes to meet all your needs.

- ESTUN E300.
- ESA S525
- Cybelec CT8

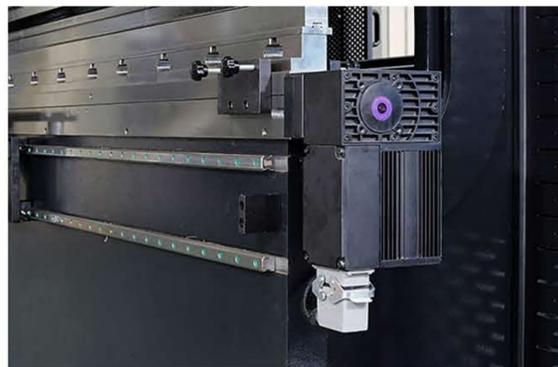


CROWNING

CNC system according to the load force of the workpiece bending size (the force causes the slider and the work table vertical plate deflection deformation), compensation calculation required, automatic control and relative displacement of convex wedge block, so as to effectively compensate the deflection slider and table upright plate deformation, bending workpiece can get the ideal.

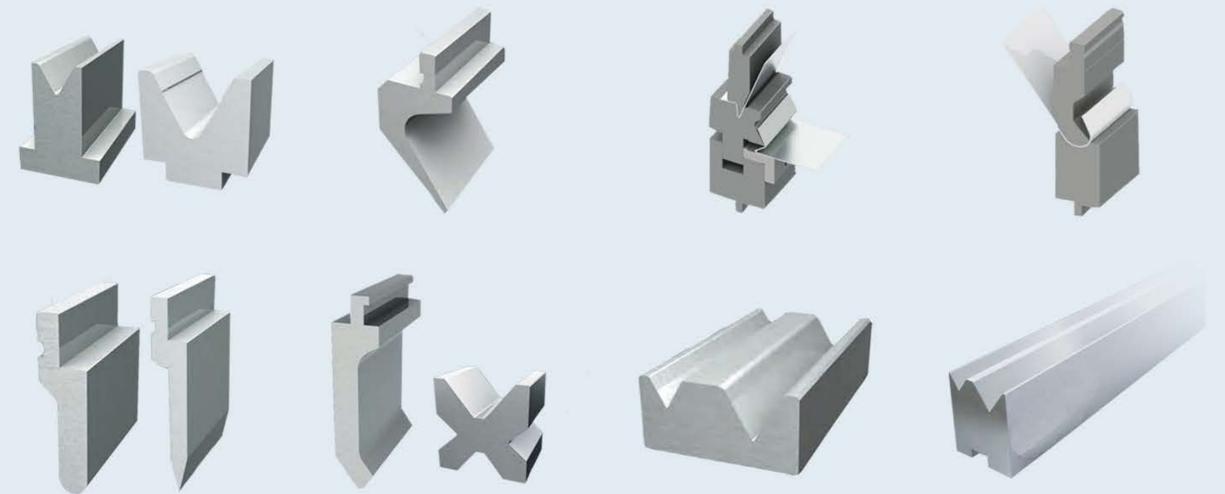


MANUAL CROWNING

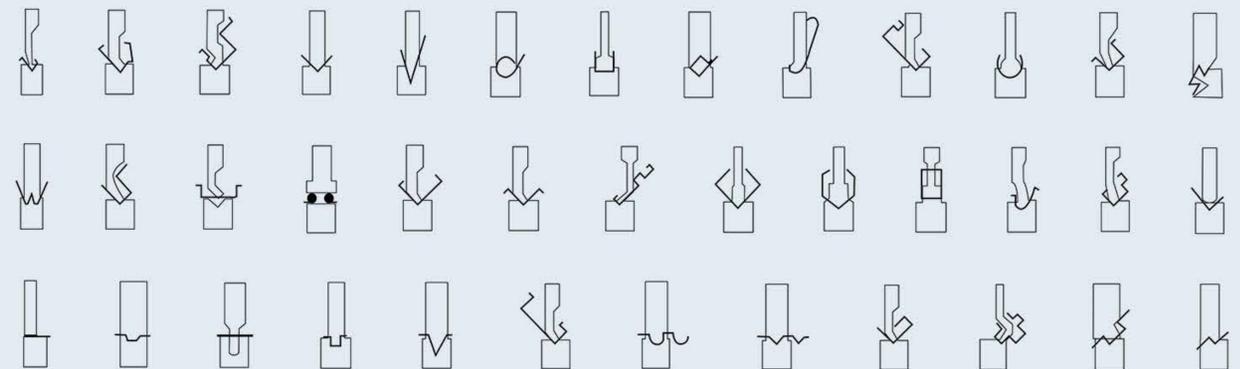


MOTORIZED CROWNING

DIE DRAWING FOR PRESS BRAKE



PROCESSING WORKPIECE DRAWING



SPECIFICATIONS

Model	Bending Force	Bending Length	Oil Tank	Approaching Speed	Ram Speed	Return Speed	Column Distance	Throat Depth	Stroke	Daylight	Main Motor	Weight	Dimensions
Unit	Kn	mm	L	mm/s	mm/s	mm/s	mm	mm	mm	mm	Kw	Ton	LxWxH mm
30t/1600	300	1600	80	120	17	160	1300	200	80	320	5.5	2.3	1650*1200*1700
30t/2000	300	2000	100	140	17	160	1600	200	80	320	5.5	2.5	2000*1200*1700
40t/2500	400	2500	170	110	15	90	2030	250	100	340	5.5	3.5	2500*1200*1900
63t/2500	630	2500	170	100	10	70	2050	250	120	340	5.5	4.5	2500*1350*2100
63t/3200	630	3200	170	120	10	70	2510	250	120	340	5.5	5	3200*1350*2100
80t/2500	800	2500	170	110	10	80	2050	250	120	350	5.5	6	2500*1400*2150
80t/3200	800	3200	170	130	10	80	2510	250	120	350	5.5	6.2	3200*1400*2150
100t/2500	1000	2500	260	90	7.5	70	2050	320	160	420	7.5	6.5	2500*1500*2200
100t/3200	1000	3200	260	100	7.5	70	2510	320	160	420	7.5	7	3200*1500*2300
100t/4000	1000	4000	260	120	7.5	70	3100	320	160	420	7.5	8.5	4000*1750*2590
WX67Y-100t/4000	1000	4000	260	120	7.5	70	3100	420	160	440	7.5	9	4000*1500*2400
125t/3200	1250	3200	260	95	7	65	2510	320	160	420	7.5	7.5	3200*1600*2350
125t/4000	1250	4000	260	110	7	65	3100	320	160	420	7.5	9.5	4000*1600*2450
WX67Y-125t/4000	1250	4000	260	110	7	65	3100	420	160	440	7.5	10	4000*1750*2590
125t/5000	1250	5000	260	120	7	65	3800	320	160	420	7.5	9	5000*1600*2450
125t/6000	1250	6000	260	130	7	65	4600	320	160	420	7.5	11	6000*1600*2450
160t/2500	1600	2500	260	100	10	100	2050	350	200	470	11	12	2500*1650*2700
160t/3200	1600	3200	260	110	10	100	2510	350	200	470	11	14.5	3200*1650*2800
160t/4000	1600	4000	260	120	10	100	3100	350	200	470	11	19.5	4000*1650*2800
160t/5000	1600	5000	260	130	10	100	3800	350	200	470	11	13.5	5000*1750*3100

Model	Bending Force	Bending Length	Oil Tank	Approaching Speed	Ram Speed	Return Speed	Column Distance	Throat Depth	Stroke	Daylight	Main Motor	Weight	Dimensions
160t/6000	1600	6000	260	140	10	100	4600	350	200	470	11	11.5	6000*1750*3300
200T/3200	2000	3200	435	110	10	100	2510	350	200	470	15	15	3200*1650*2800
200T/4000	2000	4000	435	120	10	100	3100	350	200	470	15	12.5	4000*1650*2800
200T/5000	2000	5000	435	120	7	80	3800	350	250	540	15	19	5000*1950*3100
200T/6000	2000	6000	435	120	7	80	4600	350	250	540	15	21	6000*1950*3100
250T/3200	2500	3200	435	90	9	100	2600	400	250	580	18.5	17	3300*2100*3150
250T/4000	2500	4000	435	100	9	100	3300	400	250	580	18.5	20	4000*2100*3150
250T/5000	2500	5000	435	110	8	100	3800	400	250	580	18.5	23	5000*2100*3200
250T/6000	2500	6000	540	120	8	100	4600	400	250	580	18.5	25.5	6000*2100*3200
300T/3200	3000	3200	540	90	8	75	2600	400	250	580	18.5	21	3200*2200*3200
300T/4000	3000	4000	540	100	8	75	3100	400	250	580	18.5	23	4000*2200*3200
300T/5000	3000	5000	550	110	8	75	3800	400	250	580	18.5	25	5000*2200*3200
300T/6000	3000	6000	560	130	8	75	4600	400	250	580	18.5	27.5	6000*2200*3200
400T/4000	4000	4000	540	70	7	60	3100	400	250	580	22	26	4000*2400*3200
400T/5000	4000	5000	550	90	7	60	3800	400	250	580	22	32	5000*2400*3200
400T/6000	4000	6000	550	100	7	60	4400	400	250	580	22	35	6000*2400*3200
500T/4000	5000	4000	620	70	6	55	3100	500	320	620	30	33	4000*2650*3200
500T/5000	5000	5000	620	90	6	55	3800	500	320	620	30	37.5	5000*2650*3200
500T/6000	5000	6000	620	120	6	55	4410	500	320	620	30	43.5	6000*2700*3200
500T/7000	5000	7000	620	130	6	55	5400	500	320	620	30	55	7000*2700*3200
600T/4000	6000	4000	650	80	6	65	3100	500	320	620	37	45	4000*2700*3200
600T/5000	6000	5000	650	90	6	65	3800	500	320	620	37	48	5000*2700*3250
600T/6000	6000	6000	650	110	6	65	4600	500	320	620	37	55	6000*2700*3300
600T/7000	6000	7000	650	120	6	65	5400	500	320	620	37	62	7000*2900*3500



CONTACT US

ANHUI DONGHAI YUXIANG IMPORT&EXPORT CO.,LTD

Tel: +86-555-6760666

Email: info@adhmt.com

Web: www.adhmt.com

Adress: NO.1259,Liaohe Road,Xinshi Industrial Zone,
Bowang District, Maanshan City