



瑞铁机床

UBB-D

Heavy Duty CNC Press Brake

PROFESSIONAL/CONSISTENT/DEDICATED/EXCELLENT



Deratech Machine Tool (Suzhou) Corp., Ltd, a giant in the field of sheet metal forming and processing in China. Located in Taicang, Jiangsu Province, adjacent to Shanghai, the company mainly produces CNC press brakes, bending centers, laser cutting machines, flexible production units and other sheet metal forming processing equipment and equipment sets, and its products are well sold in domestic and abroad. With the continuous development of the company's business, all aspects of the company's strength are stepping up to a new level.

The company has always taken it as its mission to develop more cost-effective, durable and better sheet metal forming and processing equipment, to drive product iteration with technological advancement and drive enterprise development. In recent years, the products of Deratech have become more and more recognized by the industry and favoured by customers. With the successive launch of electric servo CNC press brakes and bending centers, the company will always focus on the perfection of its products to create more value for customers.

To date, Deratech has been granted over 100 patents (including 8 invention patents). It has been awarded as "Jiangsu Province Specialized and Sophisticated SMEs", "Jiangsu Province High and New Technology Enterprise", "Jiangsu Province Provincial Enterprise Technology Centre", "Jiangsu Province High-end sheet metal CNC machine tools strategic emerging industry standardization pilot", "Jiangsu Province intelligent flexible sheet metal equipment engineering research centre" and other titles, and participated in the CNC press brake national standards, industry standards revision and other work.

Driven by the target of "Made in China 2025", Deratech will continue to move forward and work hard. Growing up with customers and staying with them for a long time is Deratech's faithful commitment to customers.



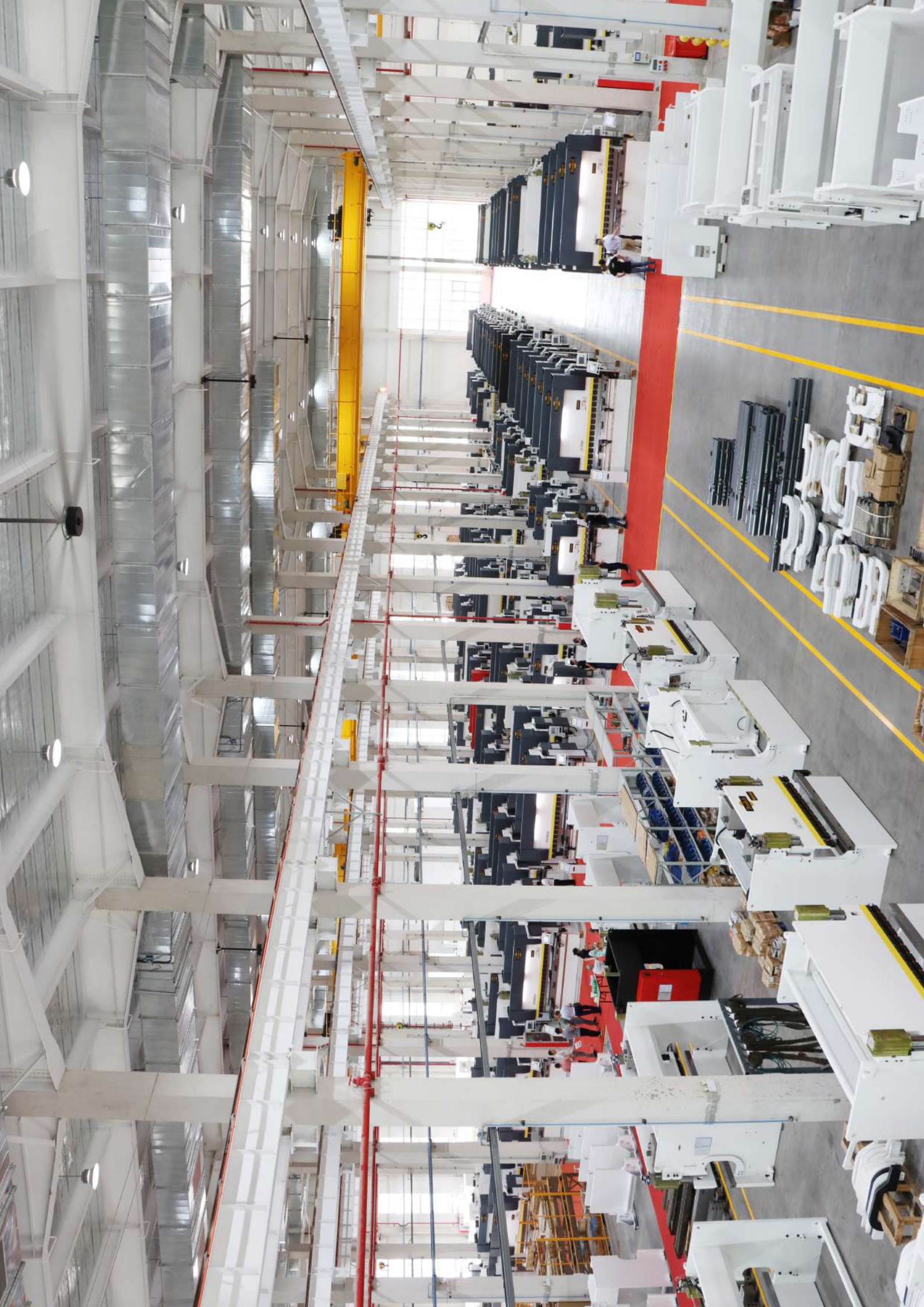
DeraTECH

瑞铁和序

苏州瑞铁激光科技有限公司
DeraTech Laser Technology (Suzhou) Corp. Ltd.

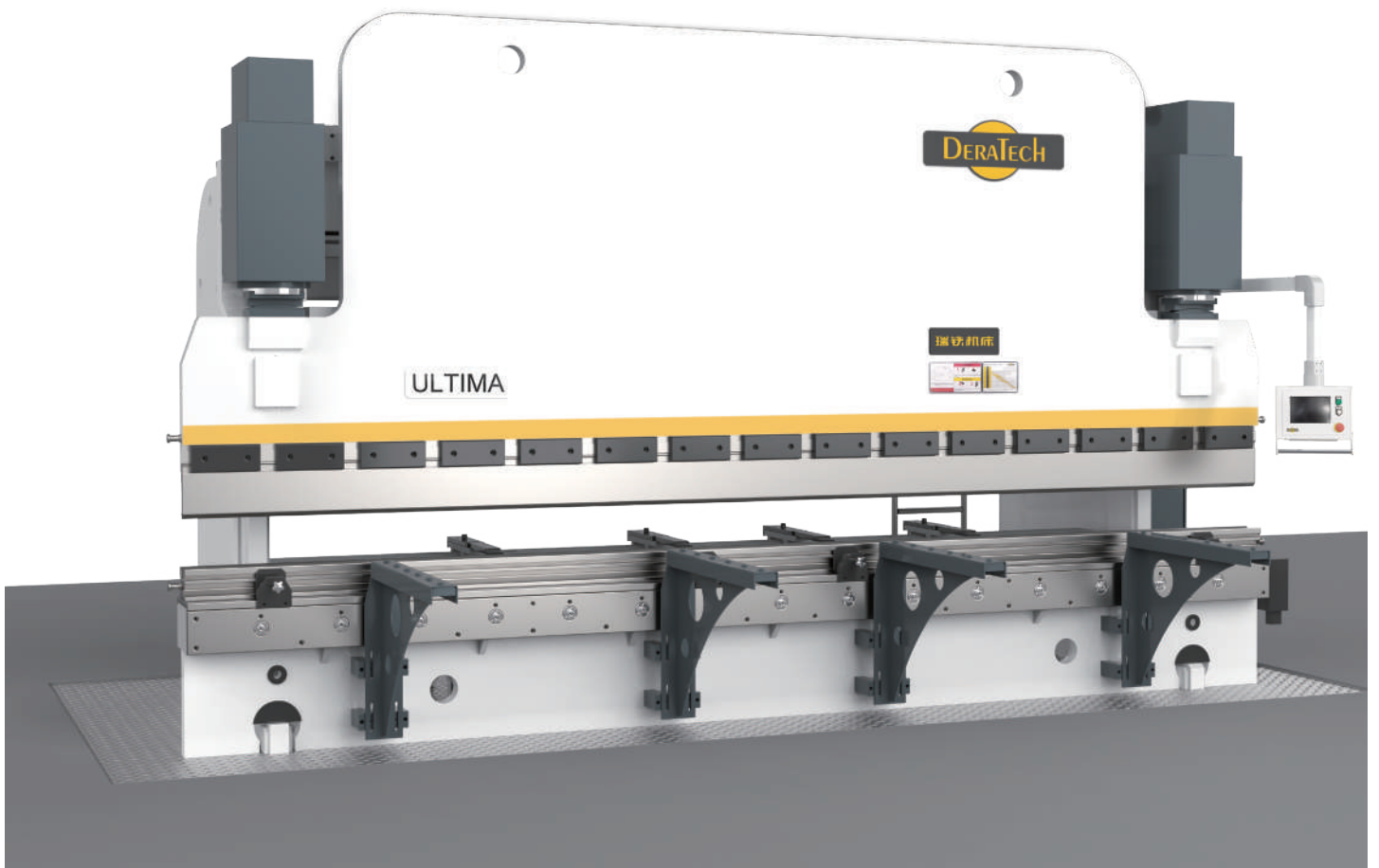
DeraTech





UBB-D

Heavy Duty Press Brake



The first to apply dual-servo oil-electric hybrid technology to large-tonnage CNC press brakes, with stable and reliable movements and more prominent energy-saving effects.

UBB-D

Heavy Duty Press Brake



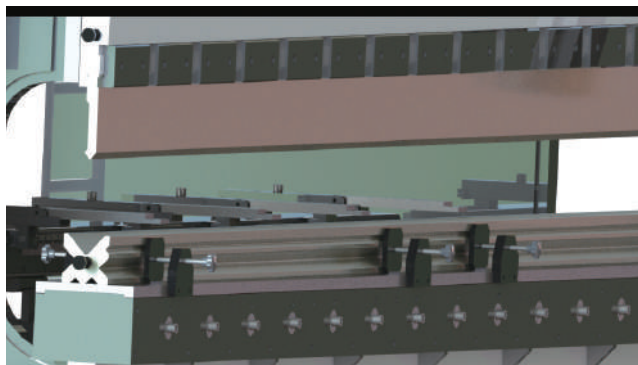
It can work both together and independently. Widely used in mechanical engineering, street lamp poles, power poles, aluminum curtain walls, decorative decoration and other related industries.

It suitable for processing large metal plates, supplemented by auxiliary bending devices such as front push material, back push material, side discharge material or follow-on bracket material, easily bending large workpieces, reducing the labor intensity of workers, and can run independently separately when bending small pieces, greatly improving the bending efficiency.

PRODUCT FEATURES

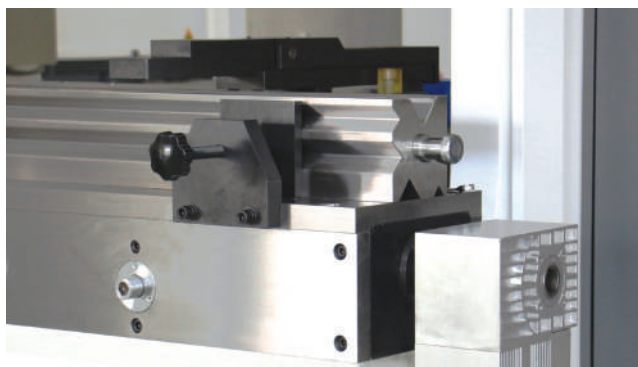
Mechanical Crowning Device

The CNC control system controls the mechanical compensation table to ensure bending accuracy.



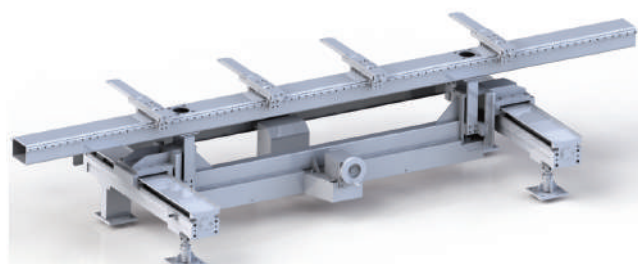
Tooling

Integral hardened for durability.



Backgauge System

Servo motor driven ball screw, fast speed, high positioning accuracy; multi-stage stop design, increase the positioning range; modular design, the number of control axes can be optional from single axis to multi-axis.



Scientific Structural Design

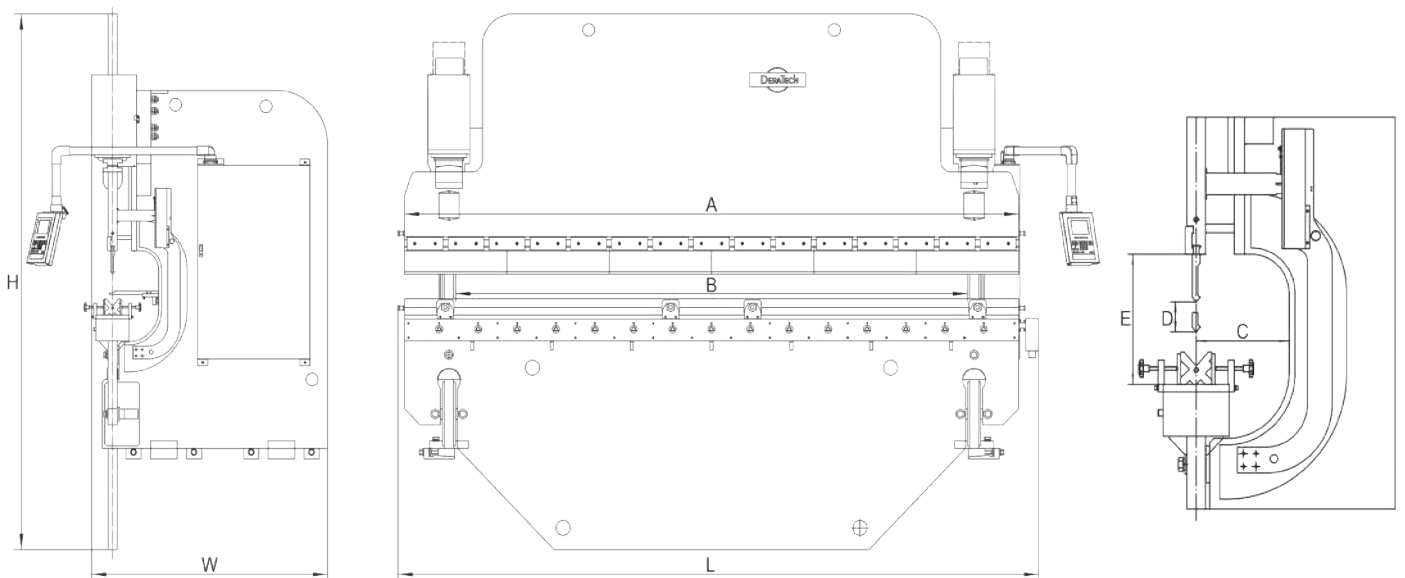
Full computer-aided design and verification to ensure rigidity of the equipment. Standard configuration of 3+1 axes, Y1-Y2, X-axis and W-axis.



CNC SYSTEM

Switzerland Cybelelec CT12

- 12-inch touch screen
- "EasyBend" page operation single action
- Interactive pop-up alarm box
- Automatic calculation of bending angle, main pressure and deflection compensation
- Automatic calculation of bending steps
- Multi-step bending sequence, product angle, pressure and compensation control can be stored
- Finger drawing of workpiece cross-sections



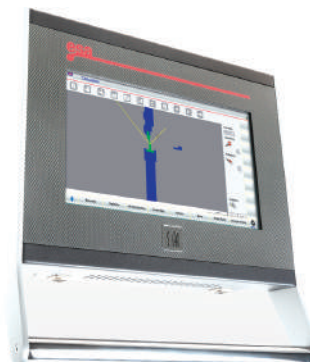
PARAMETERS - HD UBB

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		A	B	C	D	E							L	W	H	
Model	Force (kN)	Max. bending length (mm)	Distance between uprights (mm)	Throat depth (mm)	Cylinder stroke (mm)	Opening height (mm)	Oil (L)	Main power (kW)	X-axis stroke (mm)	Max Speed (mm/s)			Dimensions (mm)			Weight (kg)
										Approaching speed	Working speed	Returning	Length	Width	Height	
UBB-400/3200D	4000	3200	2600	450	300	600	2×120	2×8.5	1000	110	0-8	110	3460	2350	3600	24500
UBB-400/4000D	4000	4000	3200	450	300	600	2×120	2×8.5	1000	110	0-8	110	4260	2350	3600	27300
UBB-400/5000D	4000	5000	4000	450	300	600	2×120	2×8.8	1000	100	0-8	100	5260	2350	4700	33500
UBB-400/6000D	4000	6000	5000	450	300	600	2×120	2×8.5	1000	100	0-8	100	6260	2350	5000	39000
UBB-400/7000D	4000	7000	6000	450	300	600	2×120	2×8.5	1000	100	0-8	100	7260	2350	5500	44000
UBB-400/8000D	4000	8000	7000	450	300	600	2×120	2×8.5	1000	100	0-8	100	8260	2350	5900	50000
UBB-500/3200D	5000	3200	2600	500	300	600	2×150	2×12.4	1000	90	0-7	90	3480	2580	4600	31500
UBB-500/4000D	5000	4000	3200	500	300	600	2×180	2×12.4	1000	90	0-7	90	4260	2580	4700	35000
UBB-500/5000D	5000	5000	4000	500	300	600	2×180	2×12.4	1000	90	0-7	90	5260	2580	4900	39000
UBB-500/6000D	5000	6000	5000	500	300	600	2×180	2×12.4	1000	90	0-7	90	6260	2580	5200	45000
UBB-500/7000D	5000	7000	6000	500	300	600	2×180	2×12.4	1000	90	0-7	90	7260	2580	5500	50000
UBB-500/8000D	5000	8000	7000	500	300	600	2×180	2×12.4	1000	90	0-7	90	8260	2580	5900	57000
UBB-600/4000D	6000	4000	3200	550	300	600	2×180	2×17.8	1000	90	0-7	90	4260	3530	4950	43000
UBB-600/5000D	6000	5000	4000	550	300	600	2×180	2×17.8	1000	90	0-7	90	5260	3530	5050	48000
UBB-600/6000D	6000	6000	5000	550	300	600	2×180	2×17.8	1000	90	0-7	90	6260	3530	5200	54000
UBB-600/7000D	6000	7000	6000	600	350	700	2×180	2×17.8	1000	90	0-7	90	7260	3530	5600	63000
UBB-600/8000D	6000	8000	7000	600	350	700	2×180	2×17.8	1000	90	0-7	90	8260	3530	6000	71000
UBB-700/4000D	7000	4000	3200	650	350	700	2×180	2×17.8	1000	90	0-7	90	4260	3600	5300	49000
UBB-700/5000D	7000	5000	4000	650	350	700	2×180	2×17.8	1000	90	0-7	90	5260	3600	5500	55000
UBB-700/6000D	7000	6000	5000	650	350	700	2×180	2×17.8	1000	90	0-7	90	6260	3600	5700	62000
UBB-700/7000D	7000	7000	6000	650	350	700	2×180	2×17.8	1000	90	0-7	90	7260	3600	5900	70000
UBB-700/8000D	7000	8000	7000	650	350	700	2×180	2×17.8	1000	90	0-7	90	8260	3600	6200	79000
UBB-800/4000D	8000	4000	3200	700	400	800	2×220	2×21.4	1000	90	0-7	90	4260	3650	5700	62000
UBB-800/5000D	8000	5000	4000	700	400	800	2×220	2×21.4	1000	90	0-7	90	5260	3650	5900	69000
UBB-800/6000D	8000	6000	5000	700	400	800	2×220	2×21.4	1000	90	0-7	90	6260	3650	6000	76000
UBB-800/7000D	8000	7000	6000	700	400	800	2×220	2×21.4	1000	90	0-7	90	7260	3650	6200	84000
UBB-800/8000D	8000	8000	7000	700	400	800	2×220	2×21.4	1000	90	0-7	90	8260	3650	6600	94000
UBB-1000/5000D	10000	5000	4000	800	400	950	2×420	2×25.2	1000	70	0-7	70	5350	4100	6300	89000
UBB-1000/6000D	10000	6000	5000	800	400	950	2×420	2×25.2	1000	70	0-7	70	6350	4100	6400	99000
UBB-1000/7000D	10000	7000	6000	800	400	950	2×420	2×25.2	1000	70	0-7	70	7350	4100	6600	109000
UBB-1000/8000D	10000	8000	7000	800	400	950	2×420	2×25.2	1000	70	0-7	70	8350	4100	6800	119000
UBB-1000/10000D	10000	10000	9000	800	400	950	2×420	2×25.2	1000	70	0-7	70	10350	4100	7600	143000
UBB-1000/12000D	10000	12000	10000	800	400	950	2×420	2×25.2	1000	70	0-7	70	12350	4100	8500	167000
UBB-1200/5000D	12000	5000	4000	1000	400	1000	2×420	2×25.2	1000	60	0-6	60	5350	4200	6400	102000
UBB-1200/6000D	12000	6000	5000	1000	400	1000	2×420	2×25.2	1000	60	0-6	60	6350	4200	6600	112000
UBB-1200/7000D	12000	7000	6000	1000	400	1000	2×420	2×25.2	1000	60	0-6	60	7350	4200	6800	123000
UBB-1200/8000D	12000	8000	7000	1000	400	1000	2×420	2×25.2	1000	60	0-6	60	8350	4200	7000	135000
UBB-1200/10000D	12000	10000	9000	1000	400	1000	2×420	2×25.2	1000	60	0-6	60	10350	4200	7900	162000
UBB-1200/12000D	12000	12000	10000	1000	400	1000	2×420	2×25.2	1000	60	0-6	60	12350	4200	8800	186000

OPTIONAL CNC SYSTEM

Italy ESA S640

- 15-inch resistive touch screen (resolution 1366 x 768)
- Memory capacity 128MB, 2D graphics as standard
- 4+1 axes as standard, 6+1 axes optional
- Automatic bending sequence calculation as standard
- Offline software support (optional)



Italy ESA S860W

- Multi-touch support, 18.5 inches
- Support for "hand-drawn" parts
- Support direct import and management of mold libraries (dxf file format)
- Support for upper tooling clamp and lower tooling holder library management
- Support for DataM laser angle measurement
- Support for Esa 3D Bend 3-D bending software
- Modbus TCP bus interface for Industry 4.0



Switzerland Cybelec VT-15

- 15-inch touch screen, can be used with gloves
- Automatic simulated bending step sequence function
- Intuitive programming and easy-to-set-up navigation
- 2D finger-painting programming function (section drawing) and precise 2D program creation
- EasyBend for single part bending
- 4 axes as standard, control up to 6 axes
- Pressure, deflection compensation and pump control functions



Switzerland Cybelec VT-19

- 19-inch capacitive touch screen (resolution 1366 x 768)
- Windows operating system, 32GB storage capacity
- Standard 2D graphics, optional 3D graphics
- 4+1 axes as standard, unlimited axes available
- Automatic bending sequence calculation as standard
- Support offline software (optional)



DERATECH

瑞铁机床

ADD: No.178 Shengjing Rd, Taicang, Jiangsu Province, China

TEL: +86-152-6266-6850

WEB: <http://www.deratech.cn>

EMAIL: Bruce@deratech.cn



**WeChat
Official Accounts**