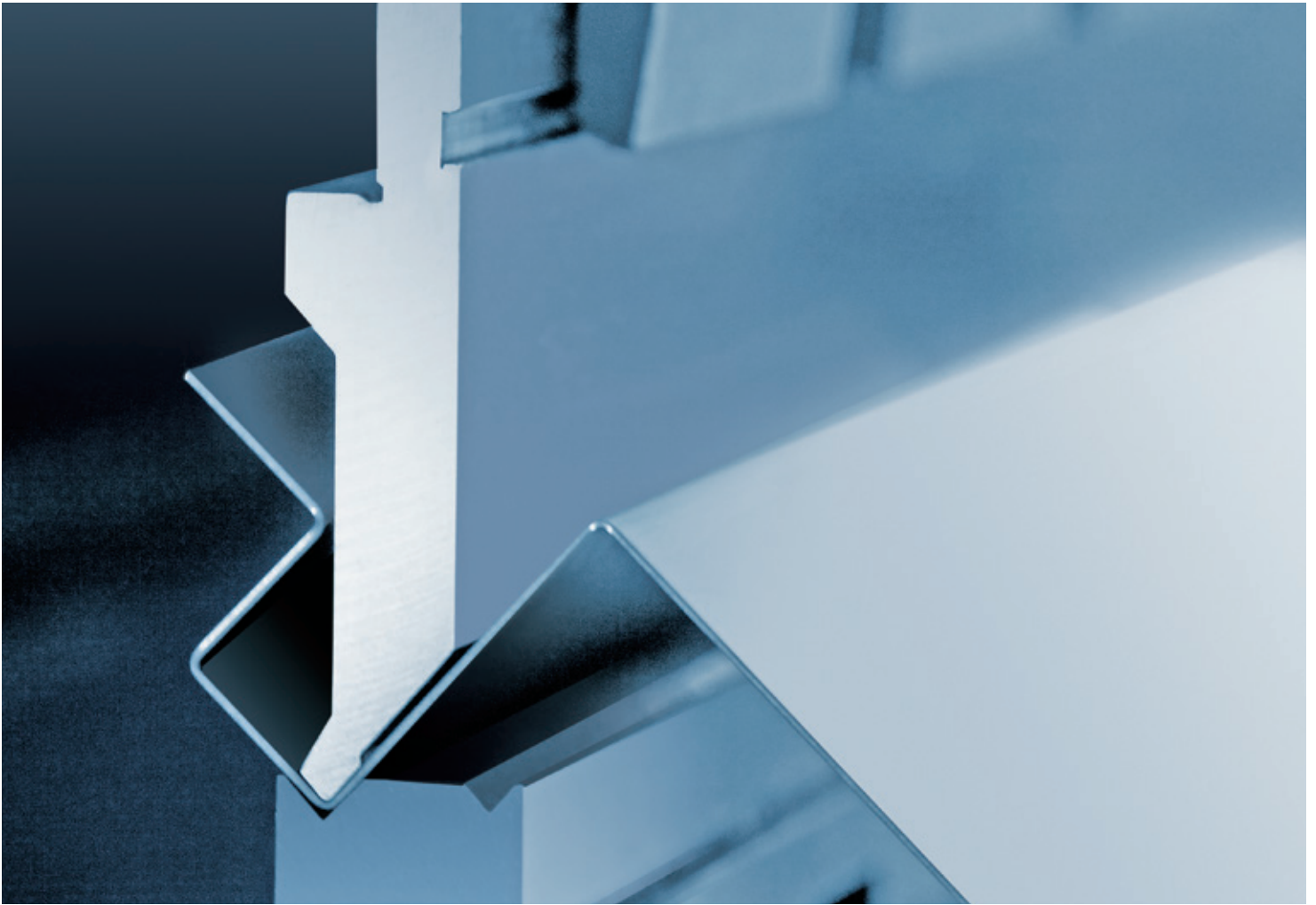




CNC PRESS BRAKES

PBA

PBG

PBC

PBH

PBM

PBE



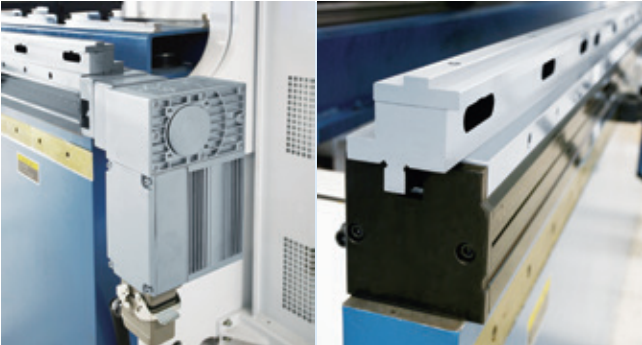
PBC Series

High Performance CNC Press Brake

- All new outlook design, friendly human-machine interface
- Worktable mechanical crowning compensation, higher precision, more stable
- Optimized parameters and configurations, more functions while easier to operate
- High frequency response valve control technology, high dynamic response and high precision
- Load sensitive adjustment, more energy saving and more stable

Multiple Configurations Flexible Combinations

Crowning Compensation



Mechanical Crowning Compensation Device (Standard)

- Automatic adjustment of crowning compensation according to the instructions programmed by CNC
- Two-way adjustment function

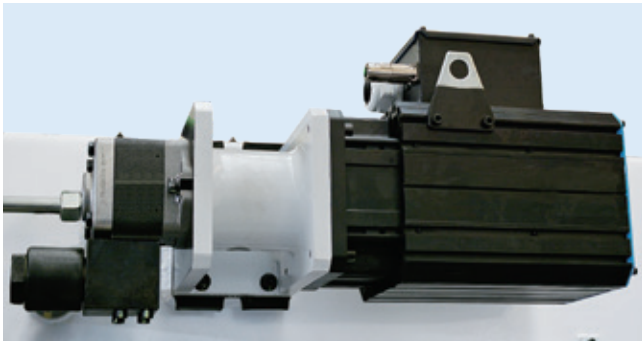
Control Technology



Hydraulic Following Control Technology (Standard)

- Hydraulic following control technology guarantees the synchronization precision of Y1 and Y2 axis in high speed operation, reaching higher bending efficiency

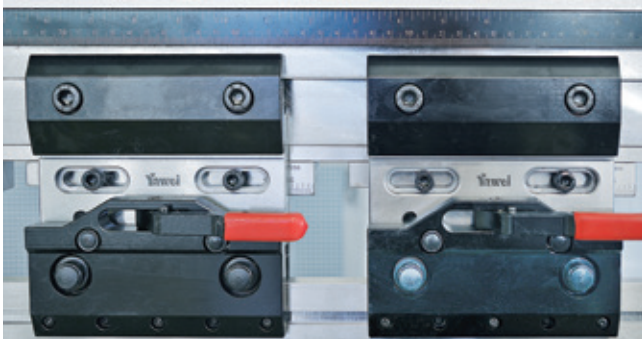
Servo Drive



Servo Main Motor (Standard)

- Standard servo main motor can save energy, reduce oil temperature, increase overall life time and reduce maintenance cost

Upper Tool Clamping



Mechanical Fast Clamping for Upper Tool (Standard)

- Mechanical fast clamping enables a fast change of upper tool
- Upper tool can be mounted and dismounted from the front side

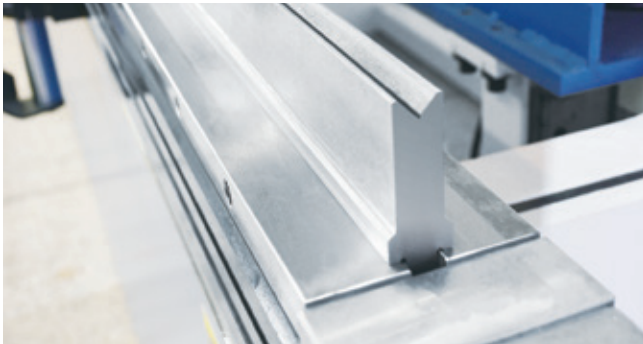
Upper Tool Clamping



Hydraulic Clamping of Upper Tool (Option)

- Clamping and loosening actions are electrically controlled, strong and stable clamping force, easy and effective change of upper tool

Lower Die Clamping



Single V Clamping of Lower Die (Option)

- Single V clamping of the lower die, high precision, easy to change, narrow width, suitable for bending of complex flanging workpiece

Lower Die Clamping



Single V Automatic Hydraulic Clamping for Lower Die (Option)

- Clamping and loosening actions are electrically controlled, easy and effective change of lower die

Front Sheet Support



Front Sheet Support Moving Along Linear Guide (Standard)

- Front sheet support moving leftward and rightward along linear guide, height can be manually adjusted up and down

Multiple Configurations
Flexible Combinations

Outstanding Parameters
Extraordinary Performance

Ram Scale



Scale (Standard)

- Scale mounted at the ram, both metric and inch scale display, easy for the operator to change tools and alignment bending

DA66T CNC Controller (option)



Function Features

- 2D touch graphical programming
- 3D product graphical simulation display
- 17 " high resolution TFT true color display
- Complete Windows application package
- Compatible with Delem modular construction system
- USB, peripheral port
- User application in a multi-task environment
- Angle detection sensor interface

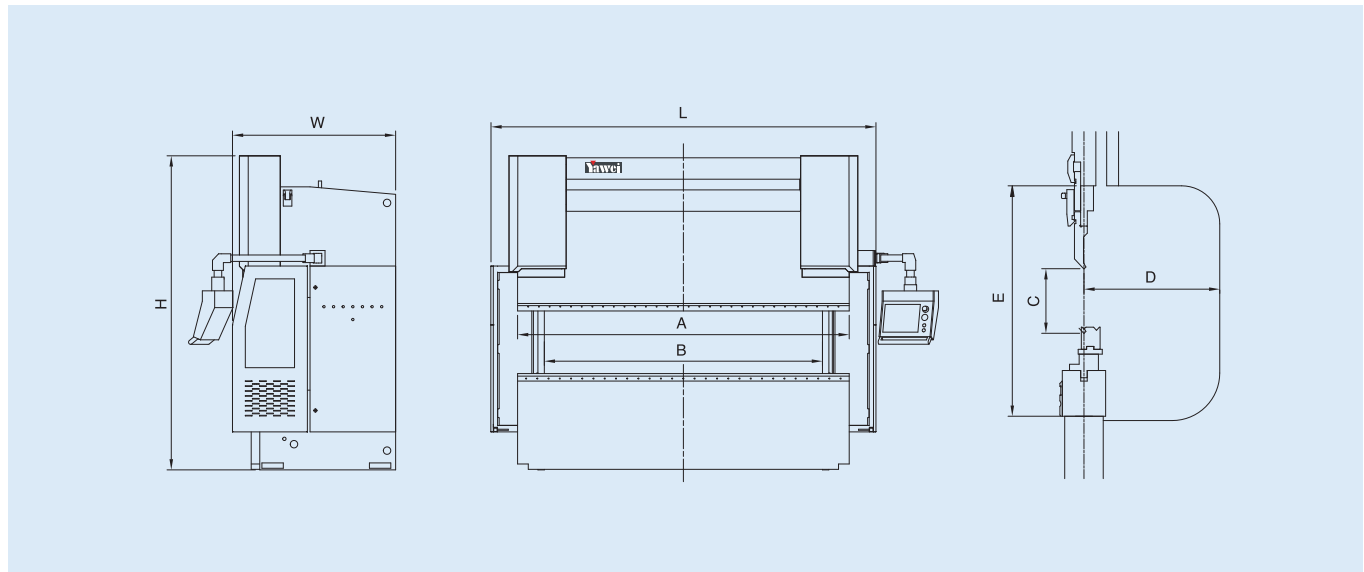
DA58T CNC Controller (option)



Function Features

- Color LCD display
- 15" widescreen TFT
- Full touch screen operation
- 1GB storage capacity
- 2D programming and 2D display
- Data stored by USB
- Automatic calculation of bending process
- Network tandem linkage (Option)
- Automatic calculation of worktable crowning compensation
- Internal integrated valve amplifier

Technical Parameters



Model	Bending force	Bending length A	Distance between uprights B	Throat depth D	Ram stroke C	Die setting height E	Ram speed			Main motor power	Oil tank volume	Overall dimension LxWxH			Machine weight
	kN	mm	mm	mm	mm	mm	mm/s			kW	L	mm			kg
PBC-30/1050	300	1050	950	90	120	450	200	18	200	3	40	1790	1235	2385	3000
PBC-50/2050	500	2050	1750	350	175	495	200	18	190	6.2	150	2550	1450	2485	4500
PBC-80/2550	800	2550	2150	350	175	495	200	18	200	8.5	200	3140	1540	2485	6000
PBC-110/3100	1100	3100	2600	410	215	535	220	18	200	13	200	3610	1550	2785	8500
PBC-110/4100		4100	3600						180		300	4610	1550	2835	9200
PBC-160/3100	1600	3100	2600	410	215	535	200	15	180	18	300	3630	1600	2835	10000
PBC-160/4100		4100	3600						170		400	4630	1600	2875	11900
PBC-220/3100	2200	3100	2600	410	215	545	180	13	160	22	300	3650	1850	2845	12300
PBC-220/4100		4100	3600								400	4650	1850	2975	14000



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