



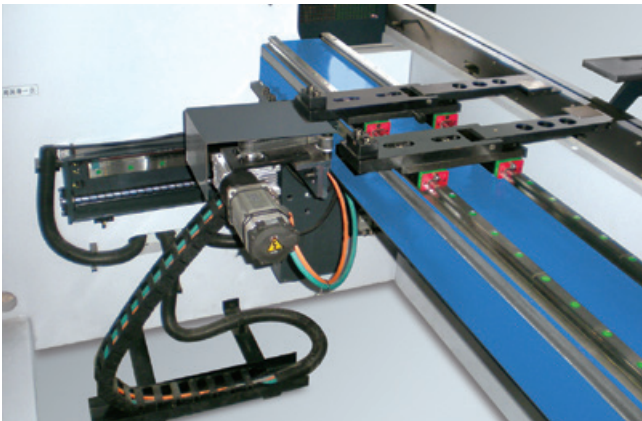
PBA Series

Universal CNC Press Brake

- All new simplified design, elegant appearance
- Better parameters, better configurations, good performance, and easy to operate
- High rigidity machine frame, automatic mechanical crowning table for high precision bending operations

Multiple Configurations Flexible Combinations

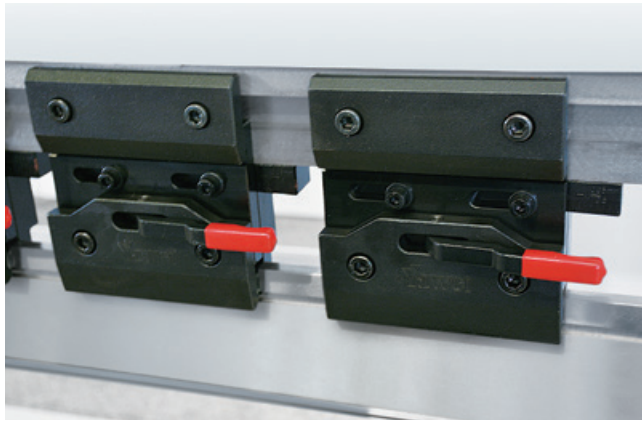
Backgauge



Standard Backgauge (Standard Configuration)

- CNC axis is driven by AC servo motor, moved with ball screw, guided by linear guide

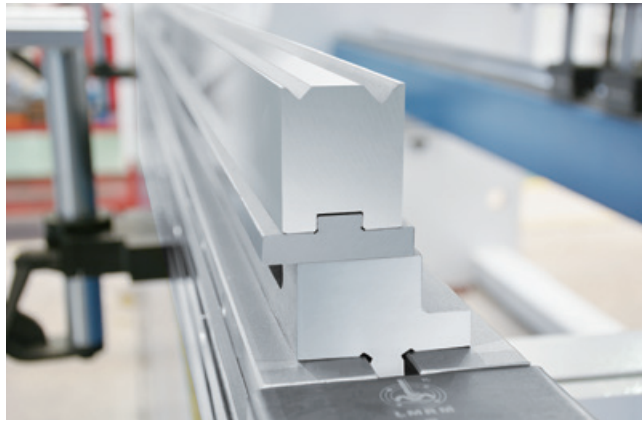
Upper Tool Clamping



Mechanical Fast Clamping (Standard Configuration)

- Mechanical fast clamping enables a fast change of upper tool

Lower Die Clamping



2-V Clamping (Standard Configuration)

- 2-V fast change clamping enables a fast change of lower die

Crowning Compensation



Mechanical Crowning Device (Standard Configuration)

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

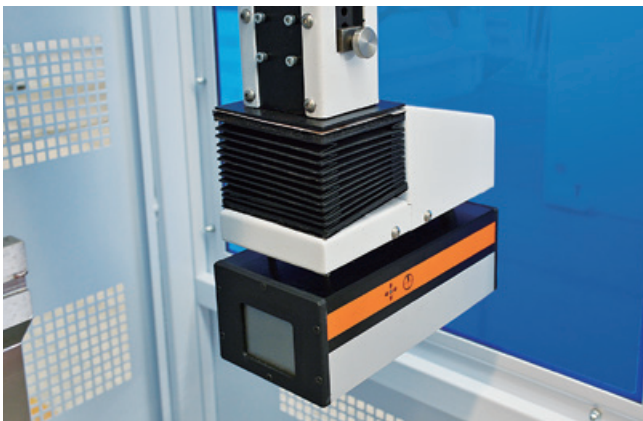
Front Sheet Support



Step-adjusted Front Sheet Support (Standard Configuration)

- Standard front sheet support, manual adjustment of height, can be turned left and right

Laser Safety Guard



Laser Guarding Device (Option)

- CNC and safety controller can monitor the machine operations in real time to effectively protect the hands and arms of the operator

Multiple Configurations
Flexible Combinations

Outstanding Parameters
Extraordinary Performance

NCY64 CNC Controller(standard)



Function Features

- Color LCD display, 15" widescreen TFT
- More than 2000 programs and tool storage space
- Data storage via USB
- One-page parameter quick programming
- Automatic calculation of worktable crowning compensation
- 2D programming, 3D/2D simulation
- Automatic calculation of bending pressure, mold safety area
- Online operation analysis tool
- Angle correction database (option)
- System diagnosis function
- Up to six axis control (Y1, Y2, four auxiliary axis)

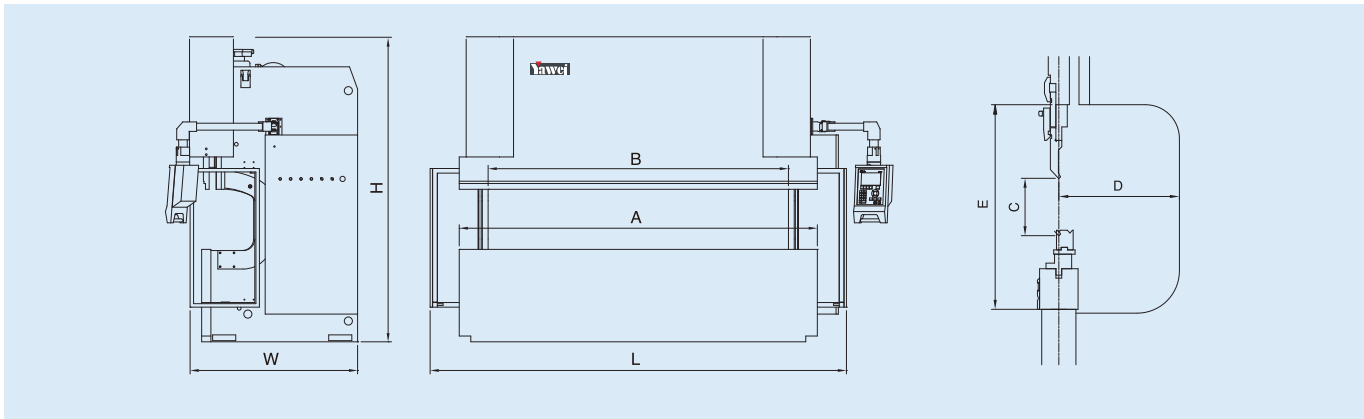
DA53T CNC Controller(Option)



Function Features

- 10.1" widescreen, TFT color display touch screen
- Up to four axis control
- Memory capacity 1GB
- One-page parameter quick programming, navigation shortcut keys
- Internal integrated valve amplifier
- Online operation analysis tool
- Network tandem machine device (option)
- System diagnosis function
- Real-time WINDOWS operating platform to ensure the stability of controller operation and support instant shutdown
- Automatic calculation of worktable crowning compensation
- Tool library 30 sets of upper tool/30 sets of lower tool

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				Weight
	kN	mm	mm	mm	mm	mm	mm/s			kW	L	mm				kg
PBA-35/1250	350	1250	950	300	120	450	180	16	180	4	100	1930	1400	2200	3000	
PBA-63/2050	630	2050	1750	350	175	480	180	12.5	140	5.5	150	2700	1450	2360	4000	
PBA-63/2550		2550	2150								200	3200	1450	2560	5000	
PBA-110/3100	1100	3100	2600	410	215	520	160	10	130	7.5	250	3560	1550	2620	7000	
PBA-110/4100		4100	3600				160	10	130	7.5	300	4560	1550	2670	8500	
PBA-160/3100	1600	3100	2600	410	215	520	130	9	120	11	350	3580	1600	2740	8600	
PBA-160/4100		4100	3600				130	9	120	11	400	4580	1600	2810	10500	
PBA-220/3100	2200	3100	2600	410	215	530	120	10	120	15	400	3600	1830	2820	10800	
PBA-220/4100		4100	3600				120	10	120	15	500	4600	1830	2920	12800	
PBA-300/3100	3000	3100	2600	410	265	580	120	9	100	22.0	450	3700	1900	3000	14000	
PBA-300/4100		4100	3600								600	4700	1900	3100	16500	