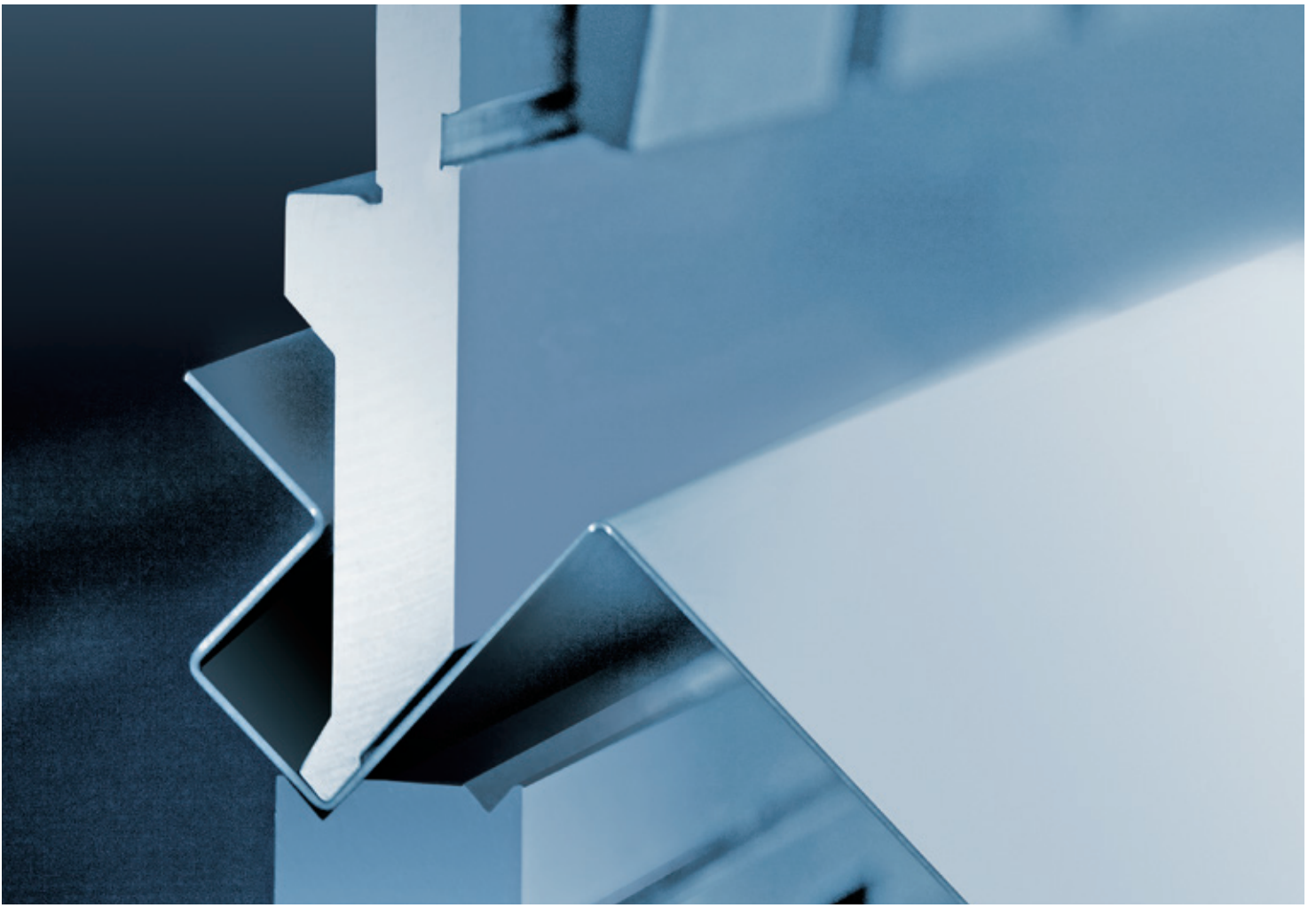




CNC PRESS BRAKES

PBA

PBG

PBC

PBH

PBM

PBE



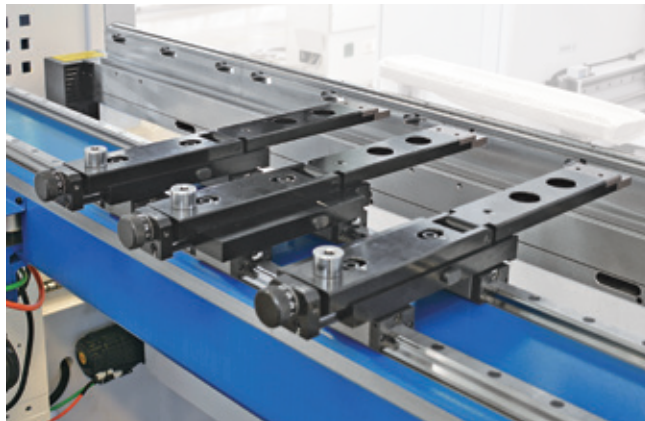
PBA Series

High Speed CNC Press Brake

- All new simplified design, elegant appearance
- Better parameters, better core configurations, stable performance, and easy to operate
- High rigidity machine frame, automatic worktable mechanical crowning control reaching high precision bending operations
- Main motor adopts servo motor to drive oil pump, save about 40% energy than normal electro-hydraulic press brakes

Multiple Configurations Flexible Combinations

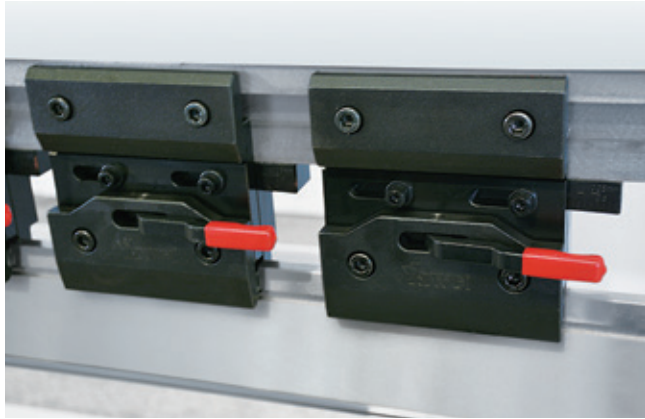
Backgauge



Standard Backgauge (Standard)

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

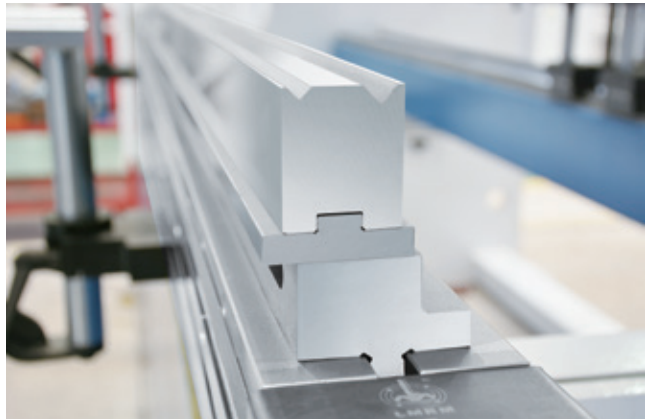
Upper Tool Clamping



Mechanical Fast Clamping for Upper Tool (Standard)

- Mechanical fast clamping enables a fast change of upper tool

Lower Die Clamping



2-V Clamping for Lower Die (Standard)

- 2-V T-shaped fast clamping enables the fast change of lower die

Crowning Compensation



Mechanical Crowning Device (Standard)

- Mechanical crowning device can be adjusted automatically according to the instruction of CNC programming

Front Sheet Support



Step-adjusted Front Sheet Support (Standard)

- 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 communicate and monitor the machine operations in real time to effectively protect the fingers 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
- Over 2000 programs and tooling storage space
- Data stored by USB
- One-page parameter fast programming
- Automatic calculation of worktable crowning compensation
- 2D programming, 3D/2D simulation
- Automatic calculation of bending pressure and tooling safety zone
- Online running and analysis
- Angle correction database (option)
- System diagnosis function
- Up to six axis control (Y1, Y2, four auxiliary axis)

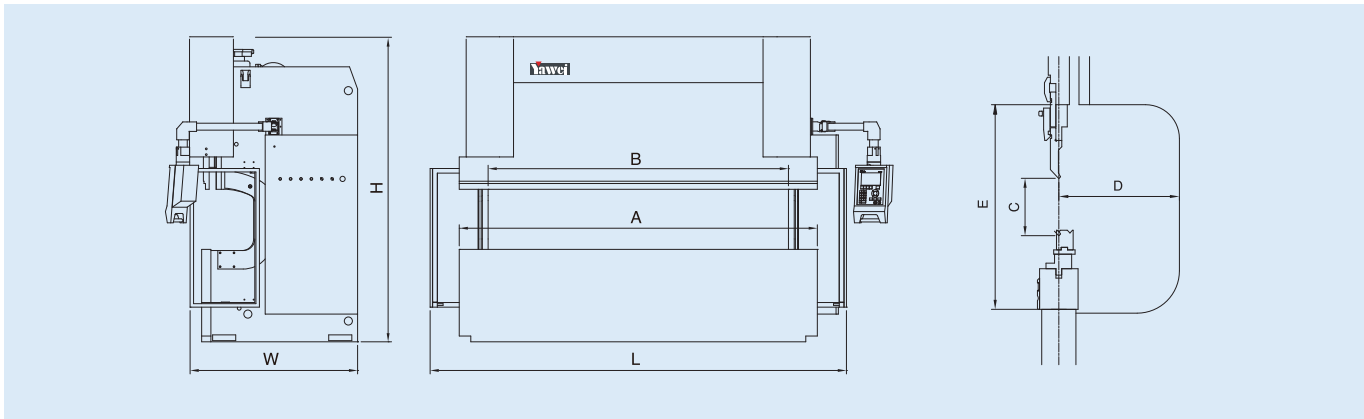
DA53T CNC Controller (option)



Function Features

- 10.1" widescreen, TFT color display touch screen
- Up to four axis control
- Memory capacity 1GB
- One-page parameter fast programming, navigation shortcut keys
- Internal integrated valve amplifier
- Online running and analysis
- Network tandem linkage (Option)
- System diagnosis function
- Real-time WINDOWS operating platform, ensuring the stability of system operation, supporting instant shutdown
- Automatic calculation of worktable crowning compensation
- Tooling library for 30 sets of upper tool/30 sets of lower die

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
PBA-35/1250	350	1250	950	300	120	450	180	16	180	5	100	1930	1400	2200		3000
PBA-63/2050	630	2050	1750	350	175	480	180	12.5	140	6	150	2700	1450	2360		4000
PBA-63/2550		2550	2150								200	3200	1450	2360		5000
PBA-110/3100	1100	3100	2600	410	215	520	220	15	180	8.7	250	3665	1430	2620		7000
PBA-110/4100		4100	3600								300	4665	1430	2620		8500
PBA-160/3100	1600	3100	2600	410	215	520	180	13	155	10.8	350	3685	1500	2750		8600
PBA-160/4100		4100	3600								400	4685	1500	2820		10500
PBA-220/3100	2200	3100	2600	410	215	530	160	12	150	16.7	400	3705	1745	2830		10800
PBA-220/4100		4100	3600								500	4705	1745	2930		12800
PBA-300/3100	3000	3100	2600	410	265	580	140	12	120	21.4	450	3725	1925	2980		13800
PBA-300/4100		4100	3600								600	4725	1925	3080		15800



APPLIED MACHINERY AUSTRALIA PTY LTD

Call: 03 9706 8066

Email: sales@appliedmachinery.com.au

Online: www.appliedmachinery.com.au

Showroom: 55-61 Nissan Drive, Dandenong VIC 3175
