



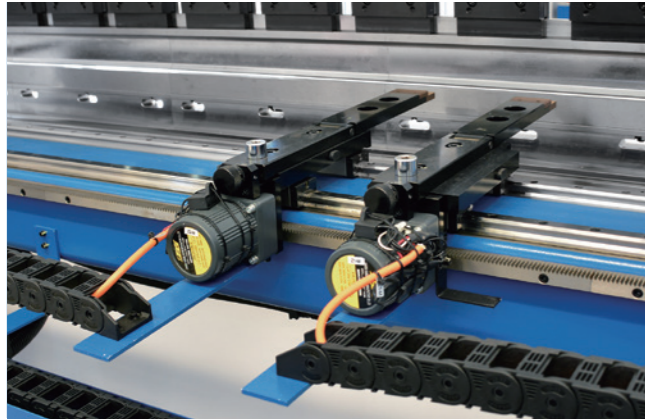
PBG Series

Dual Servo CNC Press Brake

- Dual Servo Motor-Driven Dual Oil Pump Technology, faster speed and higher efficiency
- Advanced pressure control technology, more energy saving, less oil consumption, and enhanced machine tool stability & reliability
- Compact oil tank, low maintenance and operating costs
- Innovative pipe-free design, eliminates the risk of oil leakage from loose pipe joints

Multiple Configurations Flexible Combinations

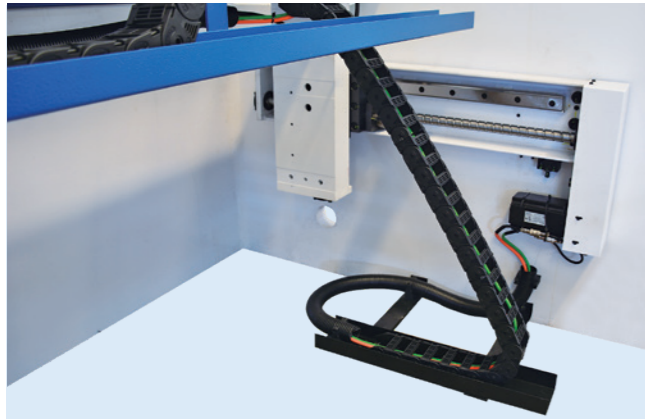
Electric Finger-stops



Dual Servo Control Technology (Standard for Curtain Wall Models)

- The dual servo motor-driven dual oil pump system ensures faster speed and more stable machine tool operation

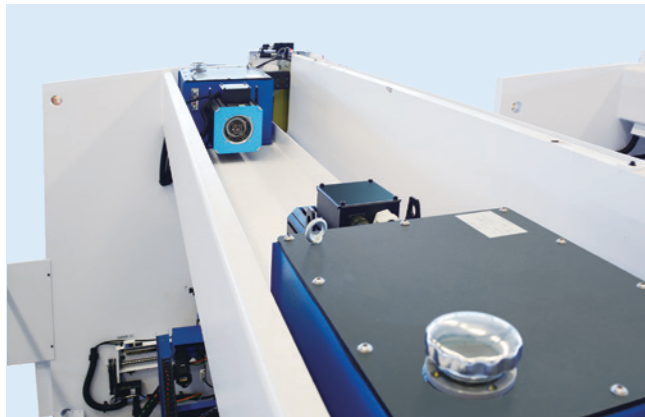
Rear Drive Backgauge



Rear Drive Backgauge (Standard for Curtain Wall Models)

- X axis adopts double motor rear driving structure, fast speed, avoid bending interference of typical workpiece in curtain wall industry

Control Technology



Dual Servo Control Technology (Dual Servo Standard)

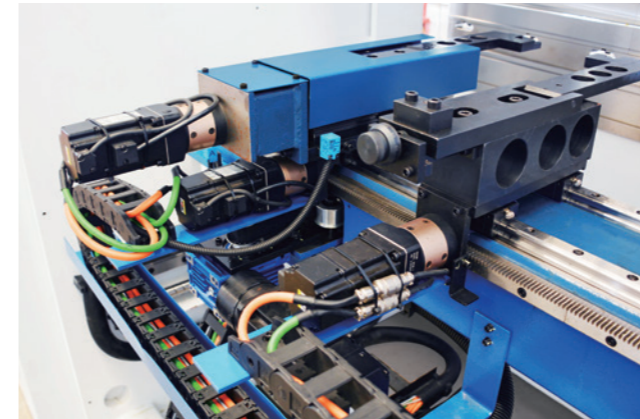
- Dual servo motors and proportional valves control cylinders on both sides, faster speed, higher synchronization accuracy, more stable operation of machine

Backgauge



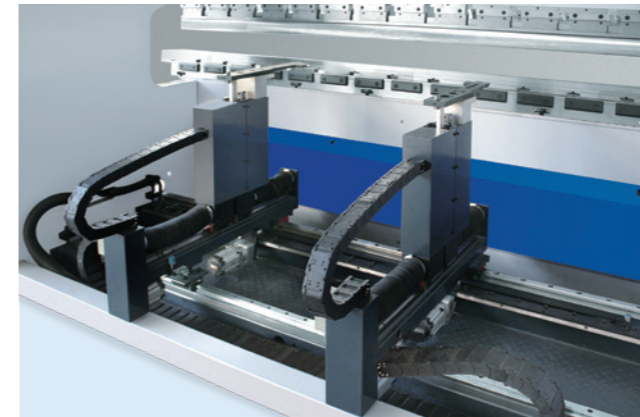
Backgauge Moving Along Dual Linear Guide (Standard)

- Axis number: X-R axis
- The CNC axis is driven by an AC servo motor, moved with precision ball screw and guided by linear guide rail



Five-axis Backgauge (Option)

- Axis number: X-R-Z1-Z2-X1 axis
- It enables precise bending positioning for complex workpieces, as well as tilted-surface workpieces



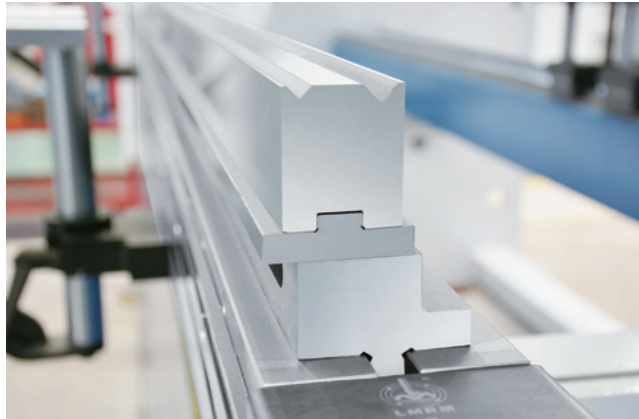
Six-axis Backgauge (Option)

- Axis number: X1-X2-R1-R2-Z1-Z2 axis
- It enables precise bending positioning for complex workpieces, as well as tilted-surface workpieces

Multiple Configurations Flexible Combinations

Outstanding Parameters Extraordinary Performance

Lower Tool Clamping System



2V Lower Tool Clamping System (Standard)

- Lower tool adopts 2V-"T" type quick clamping system, which can realize quick lower tool changing



1V Lower Tool Clamping System (Option)

- 1V-lower tool clamping system ensures high tool precision, quick lower tool changing, and narrow lower tool width, suitable for bending complex workpieces

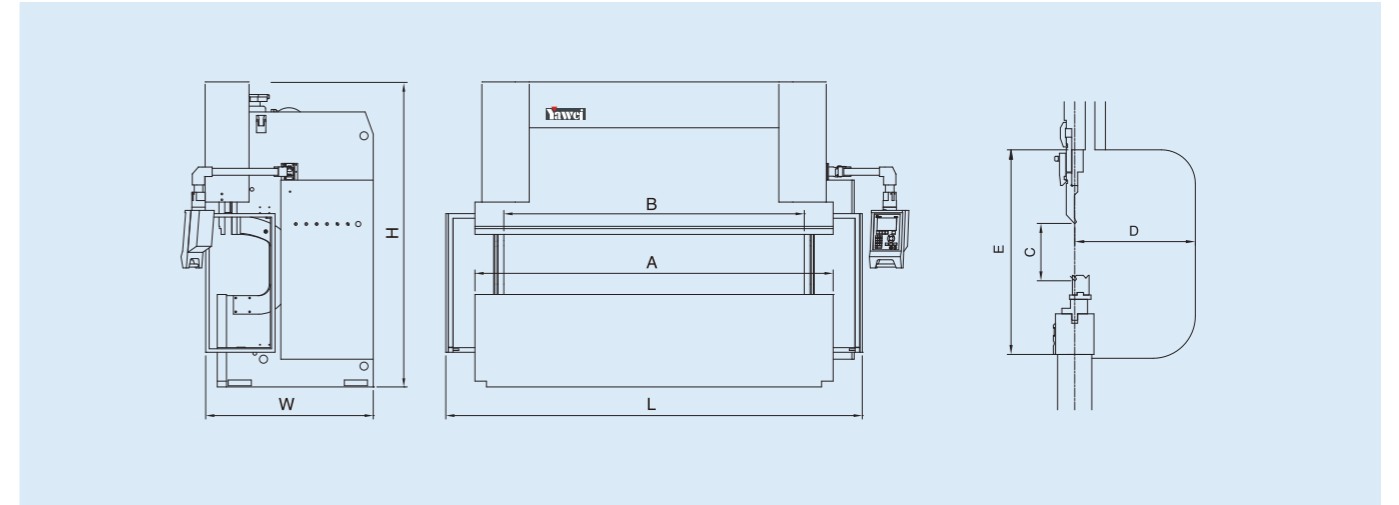
Bending Helper



Mechanical Servo Bending Helper (Option)

- The support plate features flip-follow function during bending, the following angle and speed are automatically calculated and controlled by the numerical control system, and can move left and right along the linear guide rail

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)		
	kN	mm	mm	mm	mm	mm	mm/s		kW	L	mm			
PBG-63/2050	630	2050	1750	350	175	480	220	22	200	2x4.2	2x60	2700	1350	2380
PBG-63/2550		2550	2150									3200		
PBG-110/3100	1100	3100	2600	410	215	550	220	18	200	2x7.9	2x60	3670	1430	2650
PBG-160/3100	1600	3100	2600	410	215	550	200	18	200	2x7.9	2x60	3690	1500	2780
PBG-160/4100		4100	3600									4690		
PBG-220/3100	2200	3100	2600	410	215	550	180	15	180	2x11	2x80	3710	1750	2850
PBG-220/4100		4100	3600									4710		
PBG-110/4100 curtain wall	1100	4100	3600	550	215	630	220	18	200	2x7.9	2x60	4670	1700	2780
PBG-110/4500 curtain wall		4500	3800									5070		