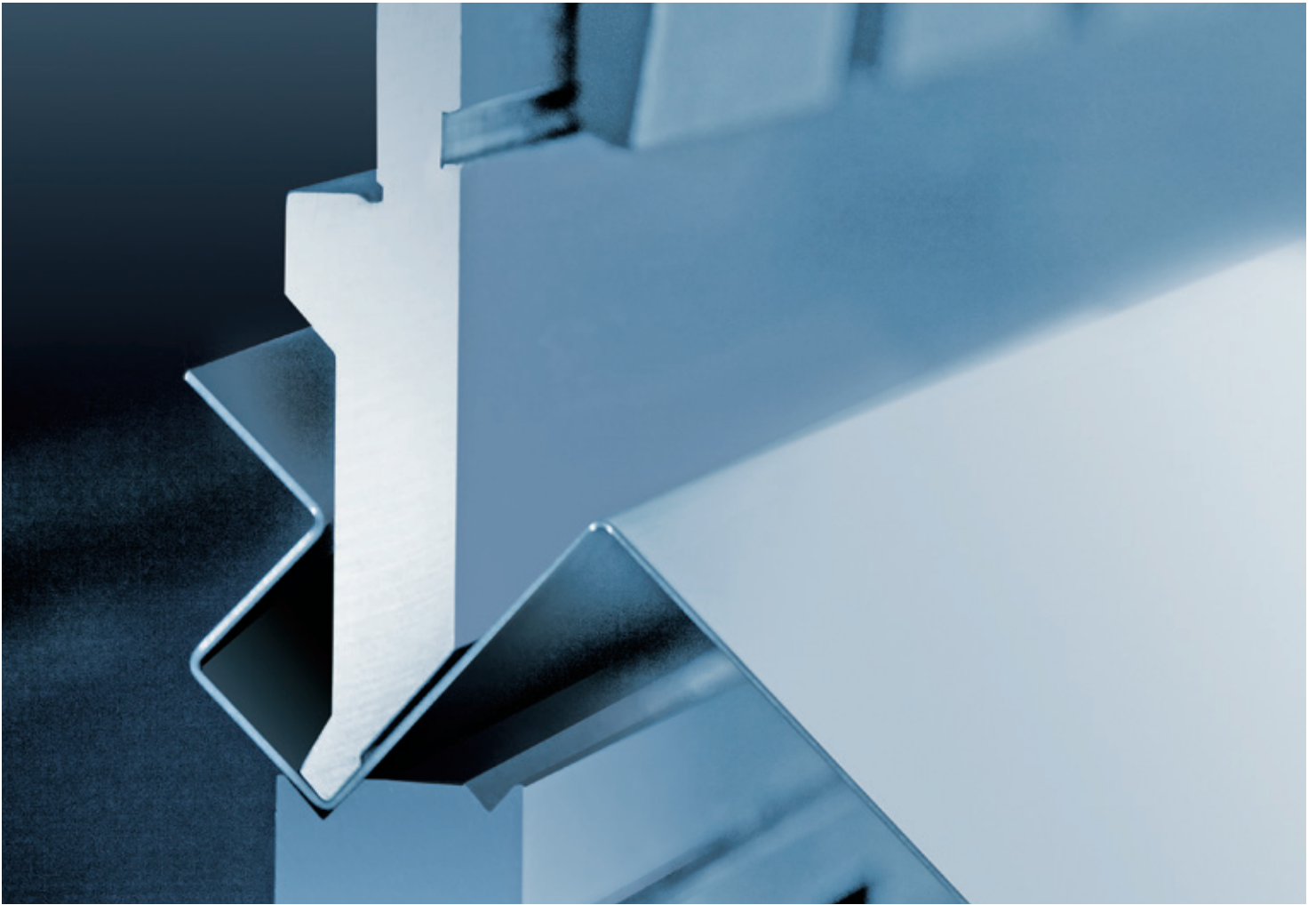




CNC PRESS BRAKES

PBA

PBG

PBC

PBH

PBM

PBE



PBH Series

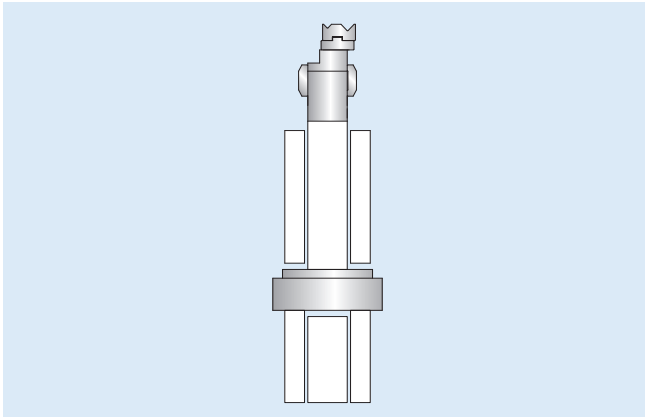
High Speed CNC Press Brake

- High frequency response hydraulic control technology, fast speed, high efficiency, stable precision
- Balance valve control technology, overflow reduced, low oil temperature, more stable and reliable for machine
- More outstanding parameters and configuration, more powerful functions, easier operation
- There is option that worktable can be equipped with dynamic hydraulic compensation function, closed loop control, higher precision and good stability

Multiple Configurations Flexible Combinations

Outstanding Parameters Extraordinary Performance

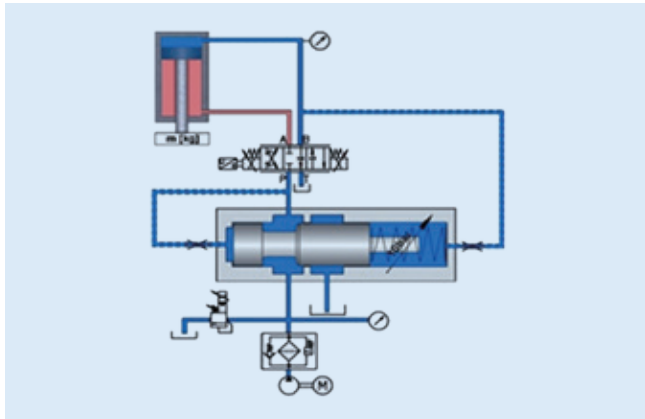
Crowning Compensation



Hydraulic Crowning Compensation Technology (Standard)

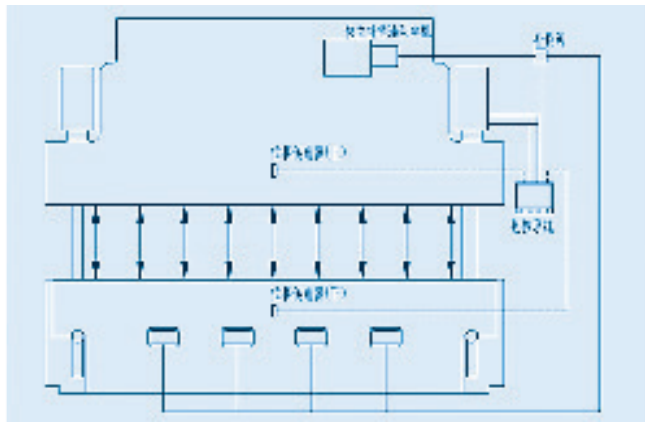
- Hydraulic crowning compensation is composed of a set of oil cylinders under worktable, which can make worktable move relatively and form an ideal convex curve to ensure that the relative position to ram remains no change after bearing force. Compensation amount is automatically calculated by CNC control system according to thickness of sheet metal, die opening and material characteristics

Balance Control



Differential Pressure Balance Control Technology (Standard)

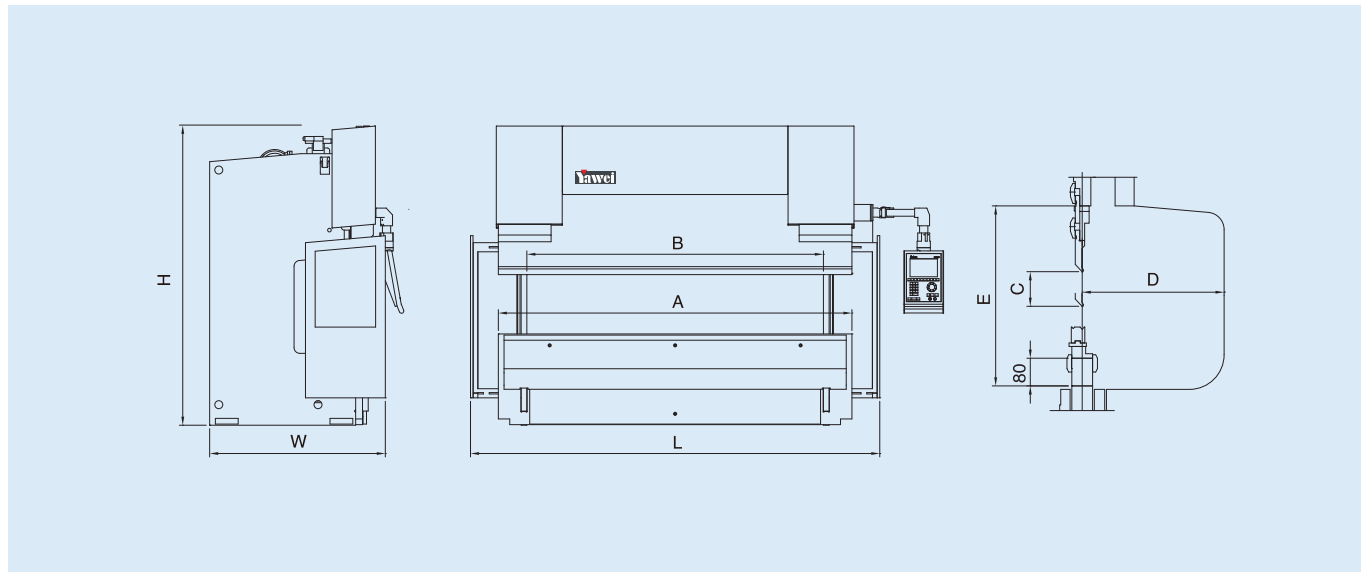
- The differential pressure balance system is used to control the overflow of the hydraulic system in advance and effectively control the temperature rise of the hydraulic system, which is conducive to the long-term stability of the machine



Dynamic Compensation Control Technology (Option)

- Sensor will feedback the actual deformation of ram and worktable to the CNC system, and then CNC system controls the compensation valve, pressurizing the compensation cylinder to move to the specified position, complete closed-loop control, higher precision, and better consistency

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
PBH-80/2550	800	2550	2150	350	175	480	200	18	200	9.8	230	3140	1540	2450		6500
PBH-110/3100	1100	3100	2600	410	215	520	220	18	180	12.5	300	3610	1550	2620		8800
PBH-110/4100		4100	3600	410	215	520					360	4610		2670		11000
PBH-160/3100	1600	3100	2600	410	215	520	180	15	170	18	380	3630	1600	2670		10300
PBH-160/4100		4100	3600	410	215	520					430	4630		2720		12500
PBH-220/3100	2200	3100	2600	410	215	520	160	13	150	24.4	400	3650	1850	2735		12800
PBH-220/4100		4100	3600	410	215	520					500	4650		2935		16000
PBH-250/3100	2500	3100	2600	410	215	530	150	12	130	24.4	400	3650	1850	2735		13000
PBH-250/4100		4100	3600	410	215	520					500	4650		2935		16200
PBH-300/3100	3000	3100	2600	410	265	580	120	9	100	22	450	3130	1890	2980		16000
PBH-300/4100		4100	3600	410	265	580					600	4310		3080		19000



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