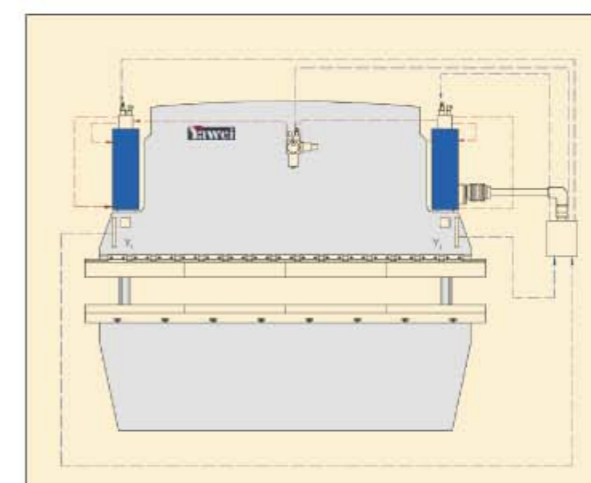


# PBA 系列数控板料折弯机

## Series CNC Sheetmetal Pressbrake

- ▼ 流线型设计，高速度、高精度、高刚性的数控板料折弯机
  - ▼ 电液伺服系统，全闭环控制滑块同步
  - ▼ 喉口变形补偿机构，确保折弯精度
  - ▼ 后挡料采用数字式交流伺服电机驱动，精密滚珠丝杠传动，直线导轨导向
- ▼ CNC sheetmetal pressbrake with streamlined design, high speed, high precision, high rigidity
  - ▼ Electro hydraulic servo system, full loop control synchronization of the ram
  - ▼ Deformation compensation on throat, ensuring bending depth and precision
  - ▼ Backgauge is driven by digital AC servo motor, moved by precision ball screw, guided by linear guide



控制技术

### Control Technology

The synchronization of pressbrake adopt the technology of full loop electro hydraulic servo control, the positioning signal of the upperbeam are feedback by optical scale to CNC system and CNC system will check the opening size of synchronous valves, adjust the inlet oil amount, to realize the synchronizing movements of the upperbeam ( $Y_1, Y_2$ ) and keep the worktable are always in parallel situation.

数控系统 CNC System



Cybelec DNC60

- ▼ 高清晰5.5英寸蓝屏液晶显示
- ▼ “Easy Bend” 轻松折弯生产模式
- ▼ 外部尺寸计算模式，精准计算后挡料位置
- ▼ 在个人计算机上实现二维图形编程
- ▼ 独有“一键恢复”机床参数功能
- ▼ 5.5" blue screen high-contrast LCD display
- ▼ "Easy Bend" easy bending production mode.
- ▼ External dimension calculation mode, accurately calculate backgauge position
- ▼ Realize 2D graphics programming on personnel PC
- ▼ Only have the function of "Instant Recovery" machine parameters



Cybelec DNC600S

- ▼ 9.4英寸大屏幕液晶显示，二维图形编程
- ▼ 外部尺寸计算模式，系统精准定位后挡料位置
- ▼ 一页式校正，编辑界面即可进行校正
- ▼ 独有“一键恢复”机床参数功能
- ▼ 造型时尚的超薄全金属机身设计
- ▼ 9.4" Large and high-contrast LCD display, 2D graphics programming
- ▼ External dimension calculation mode, accurately calculate backgauge position
- ▼ One page type correction, correction can be made in program page
- ▼ Only have the function of "instant recovery" machine parameters
- ▼ Fashion styling with ultrathin full-metal body



Delem DA52

- ▼ 6.4" LCD真彩 TFT显示
- ▼ 一页式参数编程
- ▼ 工作台挠度补偿控制
- ▼ 后挡料第二轴控制可选
- ▼ USB接口
- ▼ 6.4" TFT colour LCD display
- ▼ One page type data programming
- ▼ Equip crowning control for worktable
- ▼ Allow to option the second axis of backgauge
- ▼ USB interface

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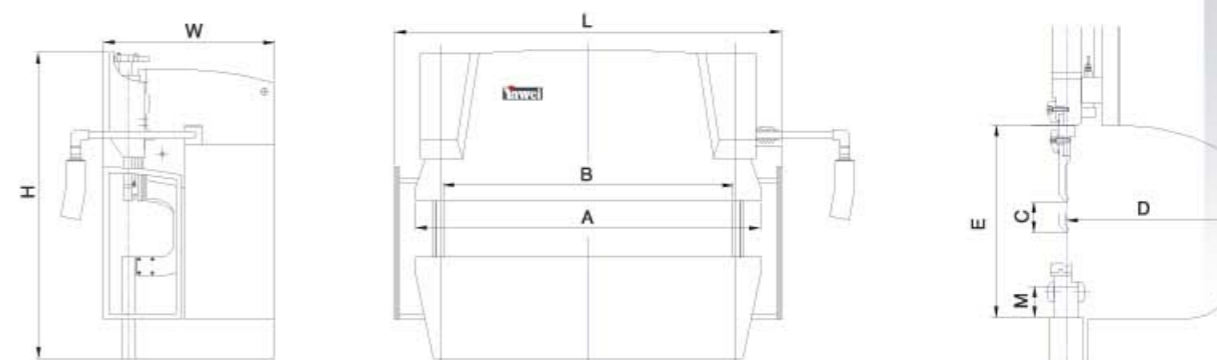
## Series CNC Sheetmetal Pressbrake

标准配置

- ▼ 瑞士Cybelec DNC60
- ▼ 德国全闭环电液伺服同步控制系统
- ▼ 后挡料前后运动X轴，挡指可沿燕尾导轨移动
- ▼ 机械斜楔夹紧欧式上模
- ▼ 双-V快换式下模
- ▼ 前托料位置可沿工作台按步距调节

Standard Configuration

- ▼ Adopt Cybelec DNC60 FROM Swiss
- ▼ Adopt full loop electro-hydraulic servo synchronized control system from Germany
- ▼ X axis makes forward and backward movement of backgauge, finger-stops can be moved with linear guide
- ▼ Adopt European mechanical wedge clamping type top tooling
- ▼ Adopt 2-V quick change type bottom tooling
- ▼ The position of front sheet support can be step adjusted along worktable



PBA系列数控板料折弯机参数

Parameter of PBA Series CNC Sheet Metal Pressbrakes.

型号 Specification	公称力 Nominal pressure kN	工作台长度 A Length of worktable mm	立柱间距B Distances between uprights mm	喉口D Throat depth mm	滑块行程C Ram stroke mm	装模高度E Day light height mm	工作台厚度M Thickness of worktable mm	滑块速度 Ram speed mm/s		电机功率 Motor power kW	油箱容积 Volume of oil tank L	外形尺寸 L×W×H Overall dimension mm	重量 Weight kg	
PBA-35/1250	350	1250	950	300	120	420	80	150	13	140	4	70	1720×1390×2310	2700
PBA-50/1250	500	1250	950	350	175	440	80	110	10	110	4	70	1800×1450×2340	2800
PBA-50/2050		2050	1750									110	2600×1450×2050	4700
PBA-80/2550	800	2550	2050	350	175	440	80	110	10	110	5.5	130	3100×1450×2300	5300
PBA-110/3100	1100	3100	2600	410	215	480	80	110	10	110	7.5	200	3600×1500×2500	7500
PBA-160/3100	1600	3100	2600	410	215	480	80	110	10	100	11	300	3600×1650×2500	9000
PBA-160/4100		4100	3600									400	4600×1650×2600	10700
PBA-220/3100	2200	3100	2600	410	215	530	80	110	10	100	15	330	3600×1850×2550	11500
PBA-220/4100		4100	3600									450	4600×1850×2650	13500

可专门设计制造特殊参数规格的产品

We can design and manufacture production of special order