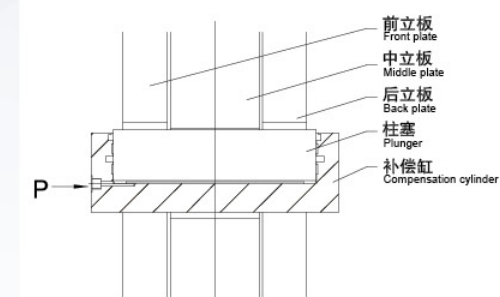


PBH系列 大型折弯机

PBH Series Heavy Duty Pressbrake

- 先进设计，高速度、高精度、高刚性的数控板料折弯机
- 优质的钢板原材料，大型五面体加工中心，是亚威高品质的保证
- 电液伺服系统，全闭环控制滑块
- 滑块双导轨结构，自润滑导轨，确保滑块长久精确运行
- 工作台液压挠度补偿和喉口变形补偿机构，确保折弯精度
- 油缸球面浮动支撑结构，活塞杆特殊导向结构，抗偏载能力强
- 后挡料采用数字式交流伺服电机驱动，精密滚珠丝杆传动，直线导轨导向

- CNC Pressbrake featuring an advanced design with high speed, high accuracy and excellent rigidity
- Yawei machines are produced using high quality, world class steel plate and a large scale pentahedron machining center
- An Electro-hydraulic full loop servo system controlling the synchronization of the ram
- Dual gibbed ram structure with a self-lubrication system guarantees precise operation
- CNC Hydraulic crowning system with a 3 piece bed design and c-frame throat deformation compensation systems ensure precision bends
- Cylinders are attached to ram with spherical floating supports and the piston and rod is equipped with a unique guiding system to assist during unbalanced loading
- Backgauge components include: digital AC servo motors with precision ball screws and linear guide



采用液压挠度补偿，可获得在工作台全长上精度均匀一致的工件。液压挠度补偿由一组在下工作台内的油缸组成，可使工作台相对移动，形成加凸的理想曲线，保证受力后与滑块的相对位置关系不变。补偿量由数控系统根据板厚、模具开口及材料特性自动计算确定。

The integrated CNC bed crowing system utilizes a 3 piece bed design with hydraulic cylinder mounted in the bed. The cylinders are used to counteract the bending force to keep the worktable and work piece flat during the bending process. This ensures a quality part. The crowing is controlled automatically by the CNC system according to the location and force required to form the part.

PBH(A)系列大型折弯机

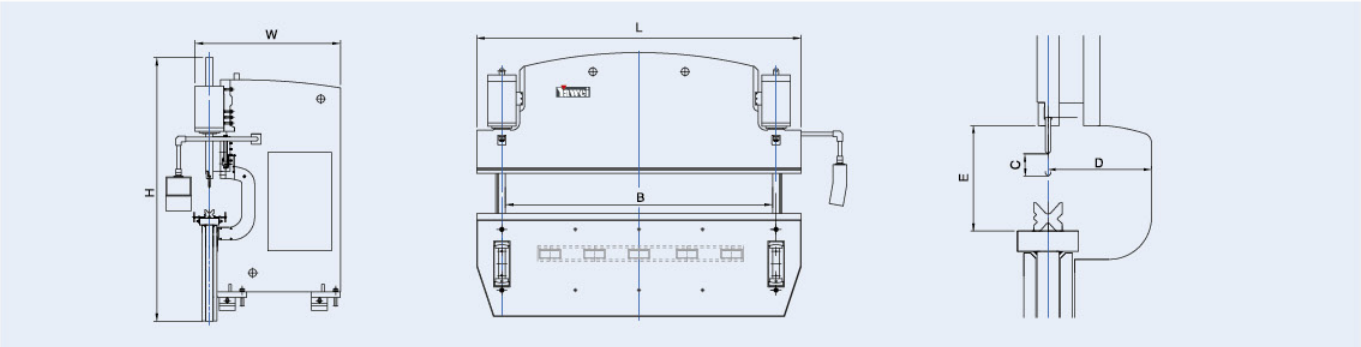
PBH(A) Series Heavy Duty Pressbrake

标准配置

- 数控系统标配DA52S
- 液压控制系统采用德国全闭环电液伺服同步控制系统
- 后挡料前后运动X轴，挡指可沿导轨移动
- 直联型夹紧上模、机械斜楔夹紧欧式上模
- 多V宽工作台夹紧下模
- 前托架位置可沿工作台方向按步距调节

Standard Configuration

- Adopt Delem DA56S CNC Control from the Netherlands
- Hydraulic system is a full loop electro hydraulic servo control system from Germany
- X Axis Backgauge with movable fingers along swallowtail gauge
- Direct Link Type Clamping or European Style Mechanical Wedge Clamping for Upper Tools
- Multi-V with wide worktable for bottom die
- Front support can be adjusted along worktable by step



技术参数 Technical Specifications

型 号 Model	公称力 Nominal pressure	工作台长度 A Length of worktable A	立柱间距B Distance between uprightsB	喉口D Throat depth D	滑块行程C Ram stroke C	最大开启高度 EMax. day light E		滑块速度 Ram speed		电机功率 Motor power	油箱容积 Tank volume	外形尺寸 Overall dimension L × W × H	机床总重量 Weight
	kM	mm	mm	mm	mm	mm		mm/s		kW	L	mm	kg
PBH-160/5100	1600	5100	4200	410	215	400	120	10	110	11	600	5400×1850×3350	21000
PBH-220/5100	2200	5100	4200	410	215	400	120	10	110	15	750	5400×1860×3380	24000
PBH-220/6200		6200	5100								800	6500×1850×3430	28000
PBH-300/5100	3000	5100	4200	410	265	500	120	10	100	22	800	5400×2000×3360	29000
PBH-300/6200		6200	5100								900	6500×2000×3610	35000
PBH(A)-400/4100	4000	4100	3200	510	315	520	110	9	100	30	1000	4400×2150×3480	27000/25000
PBH(A)-400/5100		5100	4200								1050	5400×2160×3880	35500/30000
PBH(A)-400/6200		6200	5100								1200	6500×2160×3910	43000/33000
PBH(A)-500/4100	5000	4100	3200	510	315	520	100	9	90	37	1050	4400×2190×3700	33000/30000
PBH(A)-500/5100		5100	4200								1200	5400×2290×4200	43000/33000
PBH(A)-500/6200		6200	5100								1300	6500×2290×4500	53000/45000
PBH(A)-500/8200		8200	6500								1300	8500×2290×5400	76000/64000
PBH(A)-630/4100	6300	4100	3200	510	315	620	100	9	90	45	1200	4400×2430×4000	46000/41000
PBH(A)-630/5100		5100	4200								1200	5400×2430×4200	62000/55000
PBH(A)-630/6200		6200	5100								1200	6500×2430×4500	68000/58000
PBH(A)-630/8200		8200	6500								1500	8500×2430×4630	85000/69000
PBH(A)-800/6200	8000	6200	5100	610	410	720	100	9	80	75	1500	6500×2990×5000	89000/77000
PBH(A)-800/8200		8200	6500								1800	8500×2990×5400	125000/115000
PBH(A)-1000/6200	10000	6200	5100	610	410	720	100	9	80	90	1500	6500×2760×4800	102000/87000
PBH(A)-1000/8200		8200	6500								2000	8500×2760×5300	130000/112000
PBH(A)-1200/6200	12000	6200	5100	610	410	720	90	8	70	90	1600	6500×2940×5000	110000/95000
PBH(A)-1200/8200		8200	6500								2100	8500×2940×5400	148000/130000
PBH(A)-1200/12000		12000	9500					8	60		2500	12200×3700×7900	250000/210000
PBH(A)-1600/8200	16000	8200	6500	610	410	720	70	7	60	2×55	3000	8500×3300×6700	220000/190000
PBH(A)-1600/12000		12000	9500	1000	500	1250	70	7	60	2×55	3000	12200×4700×9900	350000/290000
PBH(A)-2000/12000	20000	12000	9500	1250	600	1600	70	7	60	2×75	3600	12200×4700×9900	420000/355000
PBH(A)-2500/12000	25000	12000	9500	1500	600	1900	70	6	50	2×75	3600	12200×5300×9900	490000/430000
PBH(A)-3000/12000	30000	12000	9500	1500	600	1900	70	6	50	2×90	4200	12200×3740×8800	600000/520000

大型折弯机 通用部件

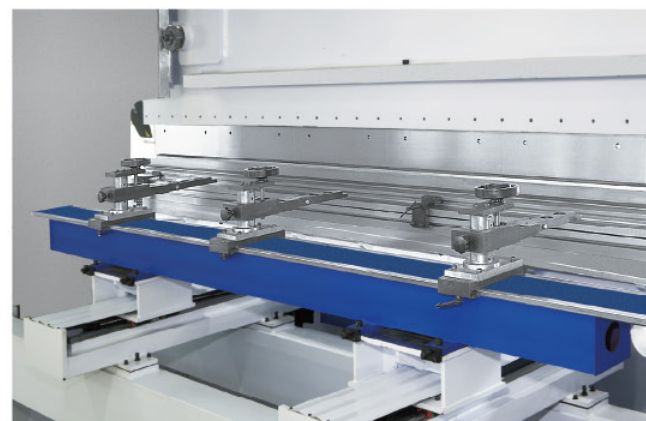
Options for Heavy Duty Pressbrake

可供选择的后挡料部件 Backgauge Options



H型后挡料3C H-type Backgauge 3C

- 箱式挡料梁结构，刚性高，稳定性高
- 二级挡指结构，扩大档料范围
- 配置X轴，伺服驱动，数控系统自动控制，定位精度高
- 挡指沿导轨左右移动
- Box tube beam construction for extreme rigidity and stability
- Two step finger design to increase bending flange length
- X axis controlled by an AC servo motor and programmed through the CNC for excellent positioning accuracy
- Fingers move left and along the swallowtail guide



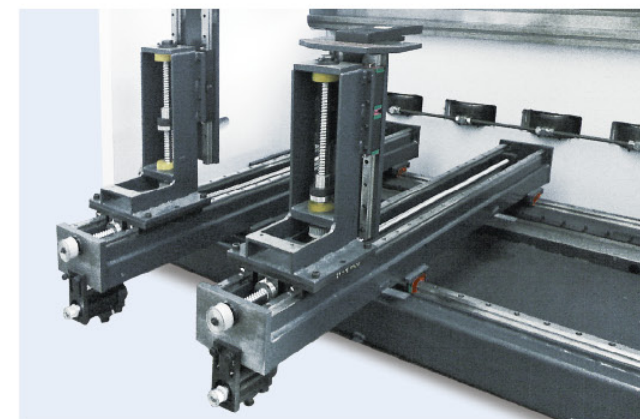
重型后挡料3C Heavy Duty Backgauge 3C

- 壳体卧式安装结构，稳定性高
- 单壳体双导轨导向，精度高
- 配置X轴，伺服驱动，控制系统自动控制
- 挡指沿导轨左右移动，抗冲击能力强
- Solid horizontal beam construction for exceptional stability
- Single rail construction with dual guided linear ways for high precision
- X axis controlled by an AC servo motor and programmed through the CNC for excellent positioning accuracy
- Finger move left and right along linear ways



重型后挡料4C Heavy Duty Backgauge 4C

- 壳体卧式安装结构，稳定性高
- 单壳体双导轨导向，精度高
- 配置X轴和R轴，伺服驱动，控制系统自动控制
- 挡指沿导轨左右移动，抗冲击能力强
- Solid horizontal beam construction for exceptional stability
- Single rail construction with dual guided linear ways for high precision Z axis movement
- X and R axis controlled by an AC servo motors and programmed through the CNC for excellent positioning accuracy
- Finger move left and right along linear ways



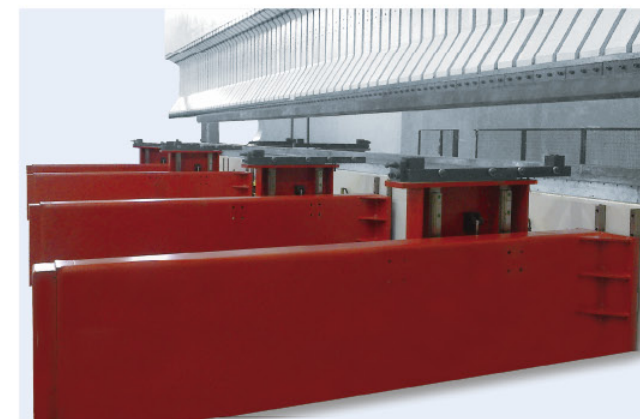
6轴后挡料 6-axis Backgauge

- 重载框架结构，刚性高，抗冲击能力强
- 配置X1、X2、R1、R2、Z1、Z2轴，伺服驱动，数控系统自动控制
- 适合不规则工件折弯挡料
- Heavy duty frame structure for excellent rigidity and high impact
- Axis include X1, X2, R1, R2, Z1 and Z2 all driven by servo motors and programmed through the CNC for excellent positioning accuracy
- Independent axis control allows you to bend irregular shaped or tapered parts easily



独立数控挡料 Independent CNC Gauge

- 前后挡料独立式结构
- 双直线导轨导向，精度高、稳定性高
- 配置X轴，大功率伺服驱动，数控系统自动控制
- 整个挡料沿直线导轨左右移动
- Independent front or rear gauge system
- Guided Dual-rail system for high precision and stability
- X axis is driven by high powered servo motor and programmed through the CNC for excellent positioning accuracy
- The gauge system moves left and right along linear guide



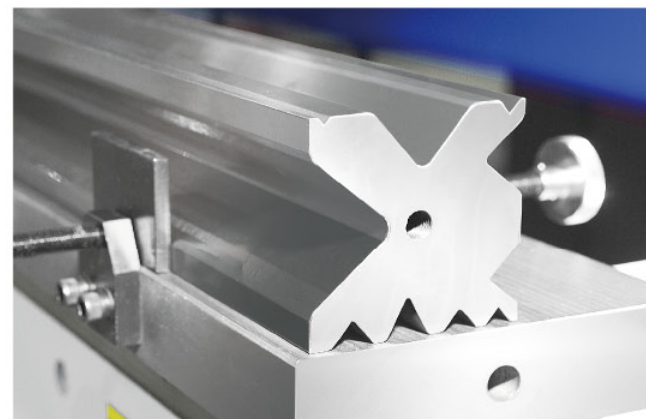
多功能数控挡料 Multi-functional CNC Gauge

- X轴：控制送料挡指前后移动
- R轴：控制送料挡指上下移动
- S轴：控制送料整体上下升降
- 挡料整体可降至地面以下，保证大工件折弯不干涉
- X axis: controls finger movement forward and backward
- R axis: controls finger movement up and down
- S axis: controls complete system up and down
- The complete gauge system can be lowered entirely below floor level eliminating interference during bending the process

大型折弯机 通用部件

Options for Heavy Duty Pressbrake

可供选择的下模结构 Optional Bottom Die Configurations



多V下模 Multi-V Bottom Die

- 标配多V下模，可选择不同开口和外形尺寸的设计，换模方便，可满足常规板材折弯加工，性价比较高
- Standard configuration is multi V bottom die, with multiple V openings and sizes to choose from easy change over via drilled and tapped holes in each end, is an economical way to meet all your bending needs



模口镶条式多V下模 Multi-V Bottom Die with Hardened Insert Bars

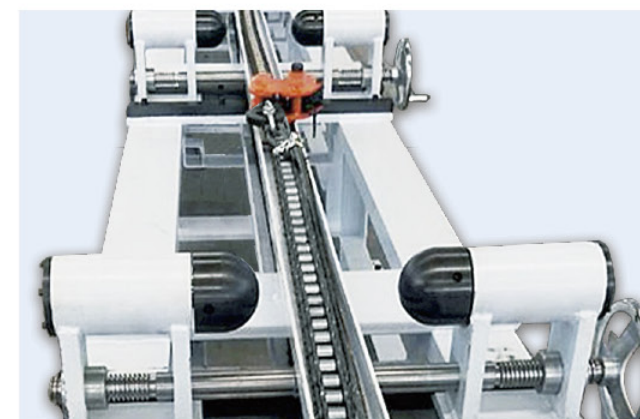
- 选配多V下模，可选择不同开口和外形尺寸的设计，模口镶高硬度条，耐磨性高，可满足高强度板材折弯加工，寿命长
- A Multi-V bottom die with hardened insert bars, with different V openings and sizes to choose from, The hardened inserts reduce wear increasing the life of your tools on high strength or abrasive steels



开口可调式下模 Bottom Die with Adjustable V

- 选配可调式下模，可选择不同开口尺寸的设计，模口采用高硬度材料设计，耐磨性高，可满足高强度板材折弯加工，寿命长
- An adjustable Bottom die is an option to accommodate a wide range of materials, This die is designed for use with high strength or abrasive steels to reduce wear and increase life of the die

其它辅机 Additional Options Material Handling



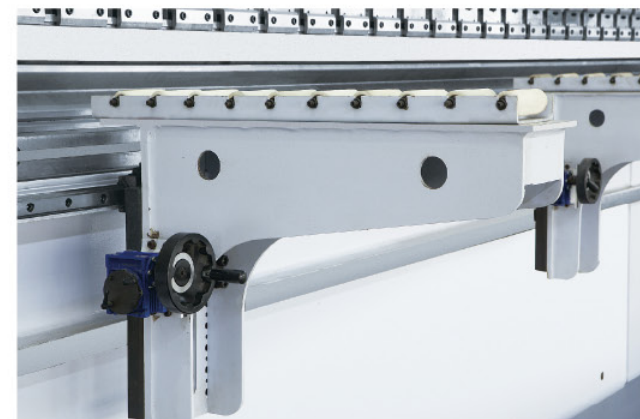
侧出料单元 Electric Drive Side Discharge

- 普通电机驱动、链条传动，安全系数大
- 对称式滚轮结构，手轮调节间距，以适应不同的管径
- 出料架长度可定制
- Motor and chain driven for easy material removal
- Symmetrical roller structure adjustable via hand wheels to accommodate a wide range of pipe diameters
- Customized lengths available



电动推料单元 Electric Drive Front Material Feed

- 普通电机驱动、链条传动，安全系数大
- 特殊的链条涨紧结构可以使传动精度更高
- 适用于制管行业
- Motor and chain driven for easy material handling
- High precision movement via a special chain tension structure
- Applicable for pipe bending



特殊前托架 Top Roller Front Sheet Supports

- 防划伤滚轮设计，保护板材
- 手轮升降，可沿直线导轨左右移动
- Roller design to prevent scratching or marking of plates
- Adjust height by hand wheel, moving left and right along linear guide