

APF SERIES

Single-crank precision press

80T~600Tons

APF系列单曲柄精密冲床

- Mix European, American, and Japanese advanced technologies/functional structure CAE dynamic simulation optimization design .
- High-rigidity lathe bed high-quality steel profiling welding or in-block casting part tempering/vibration stress processing .
- 融合欧美、日本先进技术/机能结构CAE动态仿真优化设计。
- 高刚性床身优质钢桁形焊制或整体铸造件回火/振动应力处理。



- High-standard fabrication processing of such key parts as gears and bent axles through hard chrome plating/nitriding/grinding .
- Such high-level configurations as high-performance controllers/drive parts/electromagnetic clutches/steam-driven elements and bearings .
- 齿轮、曲轴等主零部件经镀硬铬/氮化/研磨高标准工艺处理。
- 高性能控制器/驱动部件/电磁离合器/汽动元件、轴承等高端配置。



性能特点 Performance feature

- Technical grade of international stamping equipment and inspection of machine index
- High-response multi-functional superposition expansion/high-quality industrial control processor
- High-memory module/individual design franchised software compilation
- High-compatibility multi-axial variable speed drive/automation equipment onboard expansion
- High-intelligent human-computer interface/high-frequency real-time control/Ethernet & USB interface
- 国际冲压设备技术等级，机器指标的测验
- 高响应多功能叠加扩容/高品质工控处理器
- 高内存级模块/个性设计特许软件编制
- 高兼容多轴向变速驱动/自动化装备线机载扩展
- 高智能人机界面/高频响实时控制/以太网&USB端口

标准配置 Standard configuration

- > 油压过负荷保护装置
- > 电动滑块调整装置
- > 数字式模高指示器(单位:0.1mm)
- > 滑块模具平衡装置
- > 旋转凸轮开关
- > 曲轴角度指示器
- > 电动式黄油润滑装置
- > 电磁式行程计数器
- > 二度落保护装置
- > 可编程控制器
- > 移动式T型操作台
- > 空气源接头
- > 独立式电气控制箱
- > 维护工具及工具箱
- > Hydraulic overload protector
- > Electric slider adjusting device
- > Digital moulding-height indicator (unit: 0.1 mm)
- > Slider and mould balancing device
- > Rotary cam switch
- > Crank angle indicator
- > Electrical automatic lubrication system
- > Electromagnetic journey counter
- > Over-run safety device
- > Programmable controller
- > Mobile T-type operating floor
- > Air source connector
- > Independence electric control cabinet
- > Maintenance tool and tool box

选择配置 Optional configuration

- > 模垫
- > 滑块上部打料装置
- > 模具照明灯
- > 主马达正反转装置
- > 光电安全装置
- > 安全槽块及安全插销
- > 预调计数器(6位数)
- > 荷重检知装置
- > 误送检知装置
- > 变频器
- > 基础螺丝及基础板
- > 防震装置
- > 安全架及安全梯
- > 电源插座
- > 快速换模装置
- > Die cushion
- > Slider knock-out device
- > Mould lamp
- > Main motor forward/reverse device
- > Photo-electric safety device
- > Safety groove and safety pin
- > Pre-determined counter (6 digits)
- > Loading inspection device
- > Misfeed detection consent
- > Inverter
- > Basic bolt and soleplate
- > Anti-vibration foot
- > Safety shelf and safety ladder
- > Power socket
- > Quick die change device

技术参数 Technical parameters

名称	Name	单位	APF-80	APF-110	APF-160	APF-200	APF-250	APF-300	APF-400	APF-500	APF-600									
型式	Model		V H	V H	V H	V H	V H	V H	V H	V	V									
吨数	Capacity	ton	110		160		200		260		300		400		500		600			
冲力发生位置	Rated tonnage point	mm	4	2	6	3	6	3	6	3	7	3.5	7	3.5	8	3	10	10		
行程长	Stroke	mm	150	70	180	80	200	90	200	100	250	150	300	170	300	200	250	250		
每分钟行程数	变数	Speed changing	s.p.m	35-80	80-120	30-60	60-90	20-50	40-70	20-50	50-70	20-40	40-50	20-40	35-50	20-35	35-45	20-30	15-20	
	定数	Stable speed	s.p.m	65		50		35		35		30		30		20		20	18	
最大装模高度	MAX.die height	mm	340	380	360	410	460	510	460	510	500	550	550	615	550	600	550	550		
滑块调整量	Slide adjustment	mm	80		80		100		110		120		120		120		120			
上工作台尺寸	Slide area	mm	900x500		1000x550		1000x600		1100x650		1200x700		1300x800		1400x900		1400x1000		1500x1200	
下工作台尺寸	Bolster area	mm	1000x600x90		1100x600x110		1200x800x140		1300x820x160		1400x840x180		1500x950x200		1600x1000x200		1600x1000x220		1700x1300x240	
侧向开口	Side opening	mm	600x450		600x450		600x450		700x600		800x600		900x600		1000x750		1000x800		1000x900	
主电动机	Main moter	kw x p	7.5x4		11x4		15x4		18.5x4		22x4		30x4		37x4		45x4		55x4	
滑块调整电机	Slide adjus device	kw x p	0.4x4		0.4x4		0.75x4		0.75x4		1.5x4		1.5x4		1.5x4		2.2x4		3.7x4	
使用空气压力	Air pressure	Mpa	0.6		0.6		0.6		0.6		0.6		0.6		0.6		0.6		0.6	
冲床精度	Presses precision		GB (JIS) class一级																	

All specifications, dimensions and design characteristics shown in this catalogue are subject to change without notice.

本公司随时进行研究改善的工作，因此本型录内所规定尺寸及设计特性，得以变更，不另行通知。