

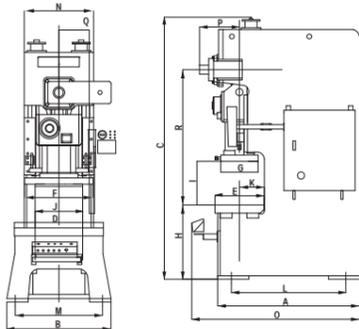
APA-A SERIES

High precision power press machine

160T~400Tons

APA(A型)系列高精强力钢架冲床

- With high rigidity rack design, they are welded with the use of high-quality steel plates, through relieving of internal stresses, so that stability and reliability of the whole machine in precision are enhanced.
- Consistent driving center and machine center to guarantee accurate and stable punching.



- 高刚性机架设计，采用优质钢板焊制，经过消除内应力工艺处理，提高了整机精度的稳定性和可靠性能。
- 传动中心与机器整体的中心一致，确保冲压的精确、稳定。



性能特点 Performance feature

- In order to guarantee relative stationarity of machine operation, it is necessary to balance two balancers.
- Moulding-adjustment precision is as high as 0.1mm, safe, speedy, and reliable.
- Through hard oxidation and grinding, such parts as bent axles, gear sets, and connecting rods possess higher combination property and tolerance.
- Adopt highly sensitive and reliable clutch/brake and internationally top duplex magnetic valve, as well as overload protection devices, to guarantee precision and safety for operation and stop of press rams.
- Machine's structural design shall be reasonable, for the convenience of realizing automatic production, reducing cost, and improving efficiency.
- Possess advanced design concepts, low noise, low consumption, and energy saving.
- 为保证机器运转的相对平稳性，采用对称两只平衡器装置设计方式。
- 调模精密高达0.1mm，安全、便捷、可靠。
- 曲轴、齿轮组、连杆等部件，经硬氧化和研磨等工艺处理后，具有极高的综合性能和耐用性。
- 采用高度灵敏、可靠的离合器/刹车器装置和国际顶尖的双联电磁阀，过载保护装置，确保压力机滑块运转及停止的精确性与安全性。
- 机器结构设计合理，便于实现自动化生产，降低成本，提高效率。
- 先进的设计理念，低噪音，低能耗，节省能源。

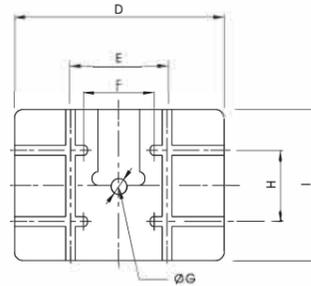
Technical parameters 技术参数

名称	Name	单位	APA-160A	APA-200A	APA-260A	APA-315A	APA-400A	
型式	Model		V型 H型	V型 H型	V型 H型	V型 H型	V型 H型	
吨数	Capacity	ton	160	200	260	315	400	
冲力发生位置	Rated tonnage point	mm	6 3	6 3	7 3.5	7 3.5	10 4	
每分钟行程数	变速	Speed changing	s.p.m	20-50 40-70	20-50 50-70	20-40 40-50	20-35 35-50	20-30 30-40
	定速	Stable speed	s.p.m	35	35	30	30	20
行程	Stroke	mm	200 90	200 90	250 150	280 170	280 180	
最大装模高度	Max.die height	mm	460 510	460 510	500 550	550 600	550 600	
滑块调整量	Slide adjustment	mm	100	110	120	120	120	
上工作台尺寸	Slide area	mm	990×550×90	1130×630×90	1130×700×100	1130×750×110	1200×750×110	
下工作台尺寸	Bolster area	mm	1250×800×140	1400×820×160	1500×840×180	1600×900×200	1800×900×200	
模柄孔	Shank hole	mm	∅65	∅65	∅65	∅65	∅65	
主电动机	Main motor	kw.p	15×4	18.5×4	22×4	30×4	37×4	
滑块调整电机	Slide adjust device		电动 Electrical driving					
使用空气压力	Air pressure	Mpa	0.6	0.6	0.6	0.6	0.6	
冲床精度	Presses precision		GB(JIS)1class 一级					
冲床(长×宽×高)	Presses dimension	mm	2315×1400×3670	2615×1690×4075	2780×1850×4470	2870×1980×4830	3220×1900×4650	
模垫能力	Die cushion capacity	ton	10	14	14	14	14	
模垫行程长	Stroke	mm	80	80	100	100	100	
模垫有效面积	Die cushion effective area	mm ²	650×420	710×480	810×480	810×480	810×480	

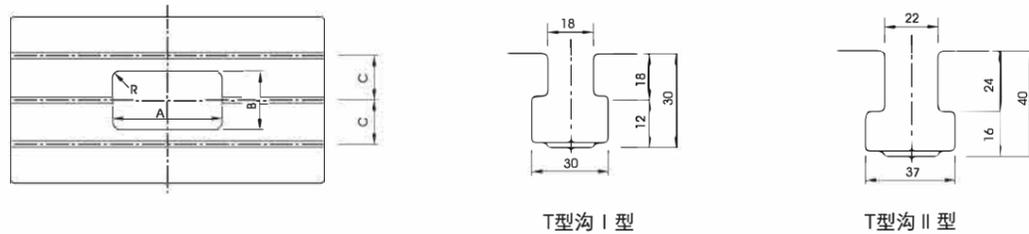
All specifications, dimensions and design characteristics shown in this catalogue are subject to change without notice.

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。

上工作台 Slide



下工作台 Bolster



外型尺寸 Overall dimension

规格 Pecification	APA-160A	APA-200A	APA-260A	APA-315A	APA-400A
A	2140	2440	2440	2605	3075
B	1390	1690	1500	1950	1550
C	3670	4075	4470	4825	4825
D	1250	1400	1500	1600	1600
E	800	820	840	900	910
F	990	1130	1130	1130	1200
G	550	630	700	750	750
H	910	1030	1030	1185	1000
I	650	650	750	830	830
J	660	800	890	970	900
K	405	415	430	450	460
L	1760	1830	2005	2180	2420
M	1200	1400	1560	1660	1450
N	1000	1160	1300	1420	1360
O	2315	2615	2780	2780	3250
P	545	545	688	723	702
Q	725	805	895	925	1087
R	1960	2190	2460	2595	2460

Model	A	B	C	D	E	F	G	H	I	T型沟
APA-160A	440	220	220	990	300	175	∅65	220	550	II
APA-200A	480	240	280	990	420	200	∅65	300	630	II
APA-260A	520	260	290	1130	420	200	∅65	300	700	II
APA-315A	520	260	290	1130	420	200	∅65	300	700	II
APA-400A	520	260	290	1200	450	200	∅65	300	700	II

标准配置 Standard configuration

- > 变频器
- > 油压式过载保护装置
- > 电动式黄油润滑装置
- > 电动式滑块调整装置
- > 电动式模高指示器
- > 滑块及模具平衡装置
- > 旋转凸轮开关
- > 误送检测装置
- > 电源插座
- > 曲轴角度指示器
- > 计数器
- > 空气源接头
- > 二度落保护装置
- > 喷风装置
- > 维护工具及工具箱
- > 使用说明书
- > Inverter
- > Hydraulic over-load protector
- > Electrical automatic lubrication system
- > Slide adjust device
- > Die high indicator
- > Balance device
- > Rotary cam switch
- > Misfeed detection consent
- > Power supply
- > Crank angle indicator
- > Electrical stroke counter
- > Air source connector
- > Against over-run safety device
- > Air ejector
- > Maintenance tool box
- > Operation manual

选择配置 Optional configuration

- > 湿式离合器
- > 气压模垫装置
- > 脚踏开关
- > 快速换模装置
(举模器、夹模器或移模臂)
- > 滑块上部打料装置
- > 防震脚
- > 光电保护装置
- > 送料机(空气、机械及NC各类)
- > 料架
- > 矫平机
- > 机械手
- > 模具照明装置
- > 触摸屏(预断、预裁、总计数)
- > 人机控制系统
- > High performance wet clutch & brake
- > Pneumatic die cushion device
- > Foot switch
- > Quick die change device
(die lifter, clamp and die arm sepjes)
- > Slide knock-out device
- > Anti-vibration press mount
- > Photo-electronic safety device
- > Feeder
- > Uncoiler
- > Straightener
- > Mechanism hand
- > Die room light
- > Touch pad(preset, total counter)
- > Human-computer counter system