

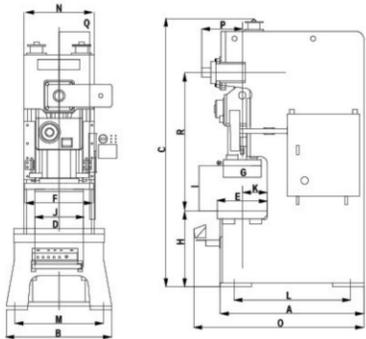
APA-A SERIES

High precision power press machine

160T~400Tons

APA(A型)系列高精度强力钢架冲床

- 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。
- 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。

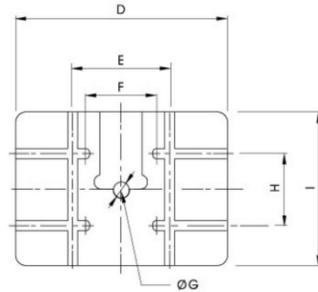
Technical parameters 技术参数

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	20-50	40-70	20-50	50-70	20-40	40-50	20-35	35-50	20-30	30-40
	定速	Stable speed	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	

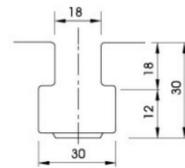
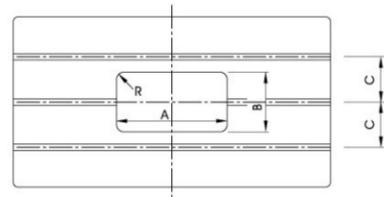
All specifications, dimensions and design characteristics shown in this catalogue are subject to change without notice.

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。

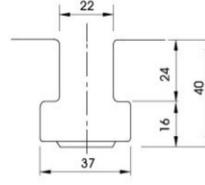
上工作台 Slide



下工作台 Bolster



T型沟 I 型



T型沟 II 型

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
- > 液压式过载保护装置
- > 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 height 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

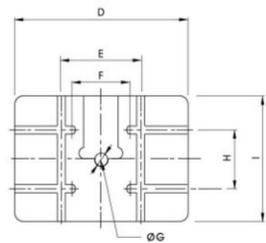
选择配置 Optional configuration

- > 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

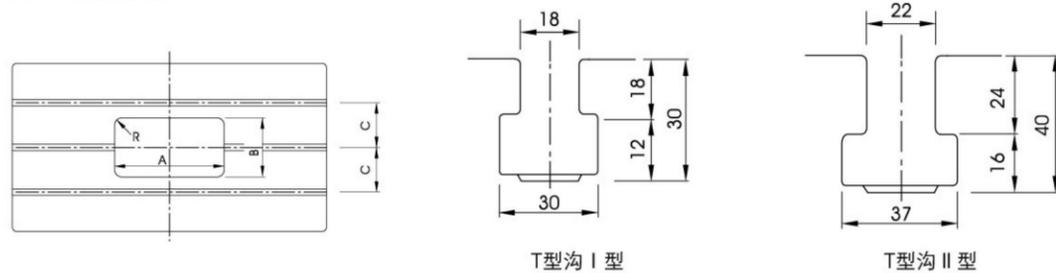
技术参数 Technical parameters

名称	Name	单位	APA-15	APA-25A	APA-25	APA-35	APA-45	APA-60	APA-80	APA-110	APA-160	APA-200	APA-260	APA-315	APA-400	
型式	Model		V型	V型	V型 H型	V型 H型	V型 H型	V型 H型	V型 H型	V型 H型	V型 H型					
吨数	Capacity	ton	15	25	25	35	45	60	80	110	160	200	260	315	400	
冲力发生位置	Rated tonnage point	mm	1	3.2	3.2 1.6	3.2 1.6	3.2 1.6	4 2	4 2	6 3	6 3	6 3	6 3	7 3.5	7 3.5	
每分钟行程数	变速	S.p.m	120-180	60-140	60-140 130-200	40-120 110-180	40-100 100-150	35~90 80-120	35-80 80-120	30-60 60-90	20-50 40-70	20-50 40-70	20-50 50-70	20-40 40-50	20-35 35-50	
	定速	S.p.m	130	110	110	85	75	65	65	50	35	35	30	30	30	
行程	Stroke	mm	60	80	60 30	70 40	80 50	120 60	150 70	180 80	200 90	200 90	200 100	250 150	280 170	
最大装模高度	Max.die height	mm	200	195	200 215	220 235	250 265	310 340	340 380	360 410	400 450	460 510	460 510	500 550	550 600	
滑块调整量	Slide adjustment	mm	50	50	50	55	60	75	80	80	100	100	110	120	120	
上工作台尺寸	Slide area	mm	470×250×50	470×250×50	470×250×50	520×285×50	560×340×60	700×400×70	770×420×70	910×470×80	990×550×90	990×550×90	1130×630×90	1130×700×100	1130×750×110	
下工作台尺寸	Bolster area	mm	680×300×70	680×300×65	680×300×70	800×400×70	850×440×80	900×500×80	1000×550×90	1150×600×110	1250×760×140	1350×820×140	1500×820×160	1500×840×180	1600×900×200	
模柄孔	Shank hole	mm	∅38.1	∅38.1	∅38.1	∅38.1	∅38.1	∅50	∅50	∅50	∅65	∅65	∅65	∅65	∅65	
主电动机	Main motor	kw.p	2.2×6	3.7×4	3.7×4	3.7×4	5.5×4	5.5×4	7.5×4	11×4	15×4	18.5×4	22×4	30×4	37×4	
滑块调整电机	Slide adjust device		手动 Manual operation						电动 Electrical driving							
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	0.6	0.6	0.6	0.6	
冲床精度	Presses precision		GB(JIS)1class 一级	GB(JIS)1class 一级	GB(JIS)1class 一级	GB(JIS)1class 一级	GB(JIS)1class 一级	GB(JIS)1class 一级	GB(JIS)1class 一级	GB(JIS)1class 一级	GB(JIS)1class 一级	GB(JIS)1class 一级	GB(JIS)1class 一级	GB(JIS)1class 一级	GB(JIS)1class 一级	
冲床(长×宽×高)	Presses dimension	mm	1236×830×1920	1280×850×2200	1280×850×2200	1380×900×2400	1575×950×2500	1595×1000×2800	1800×1100×2800	1900×1300×3200	2420×1390×3465	2420×1490×3612	2735×1780×4070	2780×1850×4470	2870×1980×4830	
模垫能力	Die cushion capacity	ton	-	-	-	2.3	2.3	3.6	3.6	6.3	10	10	14	14	14	
模垫行程长	Stroke	mm	-	-	-	50	50	70	70	80	80	80	100	100	100	
模垫有效面积	Die cushion effective area	mm ²	-	-	-	300×230	300×230	350×300	450×310	500×350	650×420	650×420	710×480	810×480	810×480	

上工作台 Slide



下工作台 Bolster



Model	A	B	C	D	E	F	G	H	I	T型沟
APA-15	240	120	90	470	-	150	∅38.1	80	250	I
APA-25A	240	120	90	470	-	150	∅38.1	80	250	I
APA-25	240	120	90	470	-	150	∅38.1	80	250	I
APA-35	280	140	120	520	-	160	∅38.1	100	285	I
APA-45	300	150	120	560	-	210	∅38.1	120	340	I
APA-60	320	160	150	700	220	220	∅50	160	400	II
APA-80	360	180	150	770	300	220	∅50	180	420	II
APA-110	400	200	160	910	300	220	∅50	220	470	II
APA-160	440	220	220	990	300	175	∅65	220	550	II
APA-200	480	240	280	990	420	200	∅65	300	550	II
APA-260	520	260	290	1130	420	200	∅65	300	630	II
APA-315	520	260	290	1130	420	200	∅65	300	700	II
APA-400	520	260	290	1130	420	200	∅65	300	700	II

OCP SERIES

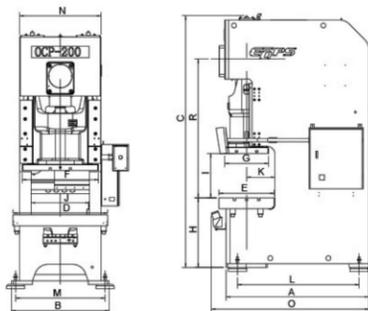
High precision power press machine

80T~315Tons

OCP系列高精度强力钢架冲床

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.



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。



性能特点 Performance feature

- 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.
- 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.
- 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。
- 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，低消耗，节省能源。

标准配置 Standard configuration

- 湿式离合器
- 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
- High performance wet clutch & brake
- Inverter
- Hydraulic over-load protector
- Electrical automatic lubrication system
- Slide adjust device
- Die hight 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

- 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)
- PAC100控制系统
- 人机控制系统
- 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 light
- Touch screen(preset, total counter)
- PAC 100 counter system
- Human-computer counter system

Overall dimension 外型尺寸

规格 Pecification	OCP-80	OCP-110	OCP-160	OCP-200	OCP-260	OCP-315
A	1585	1745	1970	2115	2325	2325
B	1025	1160	1280	1445	1630	1630
C	2712	2940	3383	3690	4145	4145
D	1000	1150	1250	1400	1550	1550
E	600	680	760	820	840	840
F	800	930	990	1130	1130	1130
G	460	520	580	650	700	700
H	830	845	915	1020	1120	1120
I	480	530	600	650	700	700
J	601	660	760	865	950	950
K	310	350	390	420	430	430
L	1000	1200	1660	1800	2010	2010
M	935	1060	1180	1325	1500	1500
N	825	950	1070	1205	1350	1350
O	1802	1962	2210	2332	2542	2542

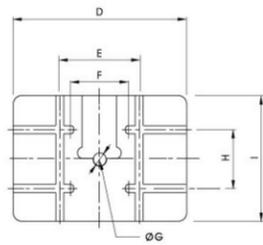
All specifications, dimensions and design characteristics shown in this catalogue are subject to change without notice.

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。

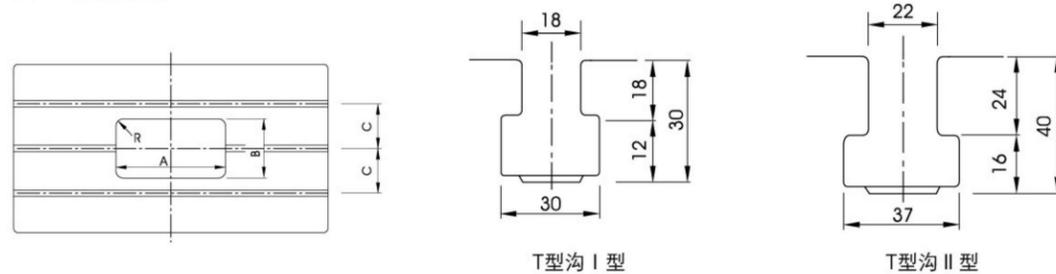
技术参数 Technical parameters

名称	Name	单位	OCP-80		OCP-110		OCP-160		OCP-200		OCP-260		OCP-315		
型式	Model		V型	H型	V型	H型	V型	H型	V型	H型	V型	H型	V型	H型	
吨数	Capacity	ton	80		110		160		200		260		315		
冲力发生位置	Rated tonnage point	mm	5	3.2	5	3.2	6	4	6	4	6	4	6	4	
每分钟行程数	变速	Speed changing	s.p.m	40-75	65-140	30-65	60-130	20-50	50-100	20-50	45-95	20-40	35-75	20-40	35-75
	定速	Stable speed	s.p.m	65	100	50	90	45	80	35	65	30	55	30	55
行程	Stroke	mm	150	60	180	70	200	80	200	100	250	100	250	100	
最大装模高度	Max.die height	mm	330	375	350	405	400	460	450	500	450	525	450	525	
滑块调整量	Slide adjustment	mm	80		90		100		110		120		120		
上工作台尺寸	Slide area	mm	800×460×70		930×520×80		990×580×90		1130×650×90		1130×700×100		1130×700×100		
下工作台尺寸	Bolster area	mm	1000×600×100		1150×680×120		1250×760×150		1400×820×160		1550×840×180		1550×840×180		
模柄孔	Shank hole	mm	∅50		∅50		∅65		∅65		∅65		∅65		
主电动机	Main motor	kw.p	7.5×4		11×4		15×4		15×4		18.5×4		22×4		
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		0.6		
冲床精度	Presses precision		GB(JIS)1class 一级		GB(JIS)1class 一级		GB(JIS)1class 一级		GB(JIS)1class 一级		GB(JIS)1class 一级		GB(JIS)1class 一级		
冲床(长×宽×高)	Presses dimension	mm	1185×1755×1655		1315×1935×2885		1680×2190×3390		1730×2340×3690		1900×2542×4140		1900×2542×4140		
模垫能力	Die cushion capacity	ton	6.3		8		10		10		14		14		
模垫行程长	Stroke	mm	70		80		80		80		100		100		
模垫有效面积	Die cushion effective area	mm ²	500×350		500×350		620×410		710×480		710×480		710×480		

上工作台 Slide



下工作台 Bolster



Model	OCP-80	OCP-110	OCP-160	OCP-200	OCP-260	OCP-315
A	360	400	440	480	520	520
B	180	200	220	240	260	260
C	150	160	220	280	290	290
D	800	930	990	1130	1130	1130
E	300	300	300	300	300	300
F	220	220	175	200	200	200
G	∅ 50	∅ 50	∅ 65	∅ 65	∅ 65	∅ 65
H	180	220	220	300	300	300
I	460	520	580	650	700	700
T型沟	II	II	II	II	II	II

APC SERIES

Double-krank precision steel
frame press

110T~315Tons

APC系列双曲轴精密钢架冲床



- 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.
- 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。

性能特点 Performance feature

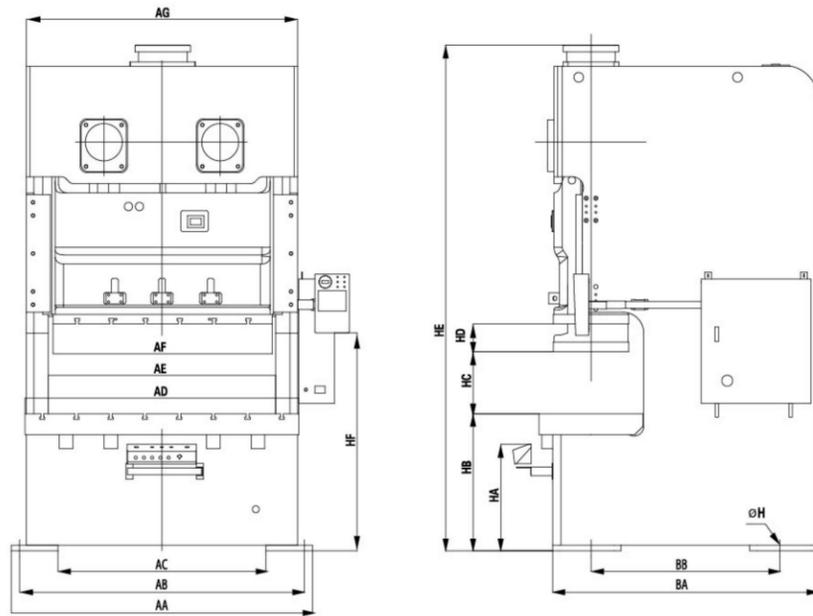
- High steel performance frame, large center span of the connecting rod, strong anti partial load, optimize design.
- In order to guarantee relative stationarity of machine operation, it is necessary to balance two balancers.
- Moulding-adjustment precision is as high as 0.1mm, safe, speedy, and reliable.
- 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.
- 高钢性能机架，连杆中心跨度大，抗偏载强，优化设计。
- 为了保证机器运转的相对稳定性，采用对称平衡器装置设计方式。
- 调整精密高达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	APC-110		APC-160		APC-200		APC-250		APC-315	
型式	Model		V	H	V	H	V	H	V	H	V	H
吨数	Capacity	ton	110		160		200		250		315	
能力发生点	Rated tonnage point	mm	5	3	6	3	6	3	7	3.5	7	3.5
行程长	Stroke	mm	180	110	200	130	250	150	280	170	280	170
行程数	Stable speed	s.p.m	35-65	50-100	30-55	40-85	25-45	35-70	20-35	30-60	20-35	30-60
最大装模高度	Max.die height	mm	400	435	450	485	500	550	550	605	550	605
滑块调整量	Slide adjustment	mm	100		100		120		120		120	
下工作台尺寸	Bolster area	mm	1800×650×130		2000×760×150		2400×840×170		2700×900×170		2700×900×170	
上工作台尺寸	Slide area	mm	1400×500×70		1600×550×70		1850×650×95		2100×700×95		2100×700×95	
主电动机	Main motor	kw×P	11×4		15×4		18.5×4		22×4		30×4	
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		JIS(CNS) 1class 一级									
模垫型式	Die cushion model		Two plate & two cylinders 二板双缸									
模垫能力	Die cushion capacity	ton	3.6×2		6.3×2		10×2		14×2		14×2	
使用空气压力	Air pressure	Mpa	0.6		0.6		0.6		0.6		0.6	
模垫行程长	Stroke	mm	80		80		80		100		100	
模垫顶板面积	Die cushion work part dimension	mm ²	350×235×2组		410×260×2组		540×350×2组		640×470×2组		640×470×2组	

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。



Overall dimension 外型尺寸

规格 Specification	APC-110		APC-160		APC-200		APC-250		APC-315	
型式 Model	V	H	V	H	V	H	V	H	V	H
AA	2000		2200		2620		3000		3000	
AB	1900		2080		2460		2800		2800	
AC	1360		1520		1820		2200		2200	
AD	1800		2000		2400		2700		2700	
AE	1510		1660		1990		2220		2220	
AF	1400		1600		1850		2100		2100	
AG	1780		1980		2320		2590		2590	
BA	1745		1940		2235		2545		2545	
BB	1295		1380		1885		2195		2195	
BC	650		760		840		900		900	
BD	330		385		425		455		455	
BE	500		550		650		700		700	
HA	(630)		(730)		(790)		(820)		(820)	
HB	830	865	990	1025	1070	1120	1100	1155	1100	1155
HC	400	435	450	485	500	550	550	605	550	605
HD	180	110	200	130	250	150	280	170	280	170
HE	3059		3709		3849		4304		4304	
HF	1240		1440		1570		1680		1680	
ØH	Ø35		Ø47		Ø54		Ø54		Ø54	

标准配置 Standard configuration

- > 干式离合刹车器
- > 易锻标准操作系统
- > 运转模式选择/切/寸动/安全—行程/连续
- > 油压过负荷保护装置
- > 二度落保护装置
- > 双联电磁阀
- > 误送检测装置
- > 电动滑块调整装置
- > 数字式模高指示器 (单位0.1mm)
- > 电动黄油润滑装置
- > 累计计数器6位数
- > 预调计数器6位数
- > 保养计数器6位数
- > 寿命计数器6位数
- > 电子式旋转凸轮开关预备6连
- > 喷风装置1/2" 一回路
- > 空气源接头1/2" 二回路
- > 误送检知插座
- > 电源插座
- > Dry clutch brake
- > Standard operating system of yiduan
- > Choice/cutting/inch/safe journey/continuation of operating mode
- > Oil pressure overload protection device
- > Over-run safety device
- > Duplex magnetic valve
- > Misfeed detection consent
- > Electric slider adjusting device
- > Digital moulding-height indicator (unit: 0.1 mm)
- > Electric butter lubricating device
- > Accumulative counter (6 digits)
- > Pre-determined counter (6 digits)
- > Maintenance counter (6 digits)
- > Life counter (6 digits)
- > Electronic rotary cam switch (6 connections)
- > Air-blast device 1/2" one circuit
- > Air source connector 1/2" two circuit
- > Error inspection socket
- > Power socket

选择配置 Optional configuration

- > 湿式离合刹车器
- > 模垫装置
- > Vs变速马达
- > 触摸屏装置
- > 光电安全装置
- > 滑块上部顶料装置
- > 主马达逆转装置
- > 脚踏开关
- > 安全挡块及安全插销
- > T型双手按钮操作台
- > 附检知变联电磁阀
- > 防震机械脚
- > 快速模具交换
- > 上夹模器
- > 下夹模器
- > 举模器
- > 移模臂
- > 基础螺丝及基础板
- > 自动送料装置
- > 三合一NC矫直送料机
- > Nc滚轮送料机
- > 二合一料架兼矫直机
- > 矫直机(整平机)
- > Wet clutch brake
- > Die cushion device
- > Vs variable-speed motor
- > Touch-screen device
- > Photo-electric safety device
- > Upper slider feeding device
- > Main motor inversion device
- > Foot switch
- > Safety dog and safety latch
- > T-type two-hand button operating floor
- > Inspection variable-connection magnetic valve
- > Anti-vibration mechanical foot
- > Rapid tooling exchange
- > Upper die clamper
- > Lower die clamper
- > Die lifter
- > Mould-shift arm
- > Basic bolt and soleplate
- > Automatic feeder device
- > Three-in-one NC straightening feeder
- > NC Roll feeder
- > Three-in-one feeder and straightening machine
- > Leveller

APD SERIES

Semi-closed high-precision steel frame press

80T~315Tons

APD系列半闭式高精密强力钢架冲床

Performance feature

- 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.
- 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.
- 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。
- 为保证机器运转的相对平稳性，采用对称平衡器装置设计方式。
- 调整精密高达0.1mm，安全、便捷、可靠。

性能特点

- 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。

- 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.



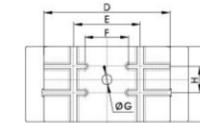
标准配置 Standard configuration

- > 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
- > 误送检测装置
- > 电源插座
- > 旋转凸轮开关
- > 曲轴角度指示器
- > 计数器
- > 空气源接头
- > 二度落保护装置
- > 维护工具及工具箱
- > 使用说明书
- > Inverter
- > Hydraulic overload protector
- > Electrical automatic lubrication system
- > Electric slider adjusting device
- > Electric moulding-height indicator
- > Slider and mould balancing device
- > Misfeed detection consent
- > Power socket
- > Rotary cam switch
- > Crank angle indicator
- > Counter
- > Air source connector
- > Over-run safety device
- > Maintenance tool and tool box
- > Operating manual

选择配置 Optional configuration

- > 气压模垫装置
- > 预裁计数器
- > 预断计数器
- > 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
- > 左(右)侧送料装置
- > 人机控制系统
- > Air die cushion device
- > Preset counter
- > Preset counter
- > Foot switch
- > Quick die change device (Die lifter, die clamber, or mould-shift arm)
- > Feeding device on the slider
- > Anti-vibration foot
- > Photo-electric safety device
- > Feeder (air, machinery, and NC)
- > Uncoiler
- > Straightener
- > Mechanism hand
- > Die lighting device
- > Left (right) feeding device
- > Hunman-computer counter system

上工作台 Slide



下工作台 Bolster



MODEL	A	B	C	D	E	F	G	H	I
APD-80	360	180	150	700	300	220	∅ 50	180	420
APD-110	400	200	160	830	300	220	∅ 50	220	470
APD-160	440	220	220	910	300	175	∅ 65	220	550
APD-200	480	240	280	1050	420	200	∅ 65	300	630
APD-260	520	260	290	1130	420	200	∅ 65	300	700
APD-315	540	280	300	1130	450	200	∅ 65	300	750

技术参数 Technical parameters

名称	Name	单位	APD-80	APD-110	APD-160	APD-200	APD-260	APD-315
型式	Model		V型 H型	V型 H型	V型 H型	V型 H型	V型 H型	V型 H型
吨数	Capacity	ton	80	110	160	200	260	315
冲力发生位置	Rated tonnage point	mm	4 2	6 3	6 3	6 3	7 3.5	7 3.5
行程	Stroke	mm	150 70	180 80	200 90	200 100	250 150	280 170
最大装模高度	Max.die height	mm	340 380	360 410	460 510	460 510	500 550	550 600
每分钟行程数	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	20-35 30-50
滑块调整量	Slide adjustment	mm	80	80	100	110	120	120
上工作台尺寸	Slide area	mm	700x420x70	830x470x80	910x550x90	1050x630x90	1130x700x100	1130x750x110
下工作台尺寸	Bolster area	mm	910x550x90	1100x590x110	1200x800x140	1400x820x160	1540x840x190	1560x900x200
主电动机	Main motor	kwxp	7.5x4	11x4	15x4	18.5x4	22x4	30x4
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	0.6
冲床(长×宽×高)	Presses dimension	mm	1300x1890x3000	1420x1985x3200	1600x2200x3650	1750x2500x4200	2080x2895x4470	2100x2925x4650
冲床精度	Presses precision		GB(JIS)1class 一级					
模垫能力	Die cushion capacity	ton	3.6	6.3	10	14	14	14
模垫行程长	Stroke	mm	70	80	80	100	100	100
模垫有效面积	Die cushion effective area	mm ²	450x310	500x350	620x410	710x480	810x480	810x480

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。

APE SERIES

Closed double-crank
precision steel frame press

160T~600Tons

APE系列闭式门型双曲轴
精密钢架冲床

- 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.



- 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。



性能特点 Performance feature

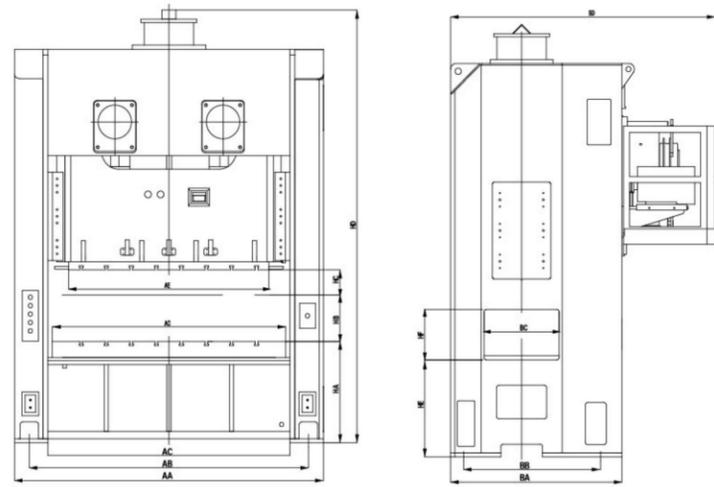
- High steel performance frame, large center span of the connecting rod, strong anti partial load, optimize design.
- In order to guarantee relative stationarity of machine operation, it is necessary to balance two balancers.
- Moulding-adjustment precision is as high as 0.1mm, safe, speedy, and reliable.
- 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.
- 高钢性能机架，连杆中心跨度大，抗偏载强，优化设计。
- 为了保证机器运转的相对稳定性，采用对称平衡器装置设计方式。
- 调整精密高达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。

技术参数 Technical parameters

名称	Name	单位	APE-160		APE-200		APE-250		APE-300		APE-400		APE-500		APE-600	
型式	Model		S	H	S	H	S	H	S	H	S	H	S	H	S	H
吨数	Capacity	ton	160		200		250		300		400		500		600	
冲力发生位置	Rated tonnage point	mm	6	3	6	3	7	3	7	3	7	3	10	6	10	6
行程	Stroke	mm	180	130	250	150	280	170	300	170	300	170	300	180	300	180
每分钟行程数	Speed changing	s.p.m	30-55	40-85	20-50	35-70	20-40	30-60	20-35	30-50	20-30	20-40	18-25	20-30	15-25	20-30
最大装模高度	Max.die height	mm	450	400	500	450	550	450	550	450	550	450	580	480	600	500
滑块调整量	Slide adjustment	mm	100		120		120		120		120		120		120	
上工作台尺寸	Slide area	mm	1600 × 650		1850 × 750		2300 × 900		2300 × 900		A:2300 × 1000 B:2500 × 1000 C:2900 × 1000		3000 × 1000		3200 × 1100	
下工作台尺寸	Bolster area	mm	1800 × 760		2200 × 940		2500 × 1000		2500 × 1000		A:2500 × 1000 B:2800 × 1000 C:3200 × 1000		3300 × 1200		3500 × 1200	
侧向开口	Side opening	mm	700 × 450		900 × 600		900 × 600		900 × 600		900 × 600		1000 × 750		1100 × 750	
主电动机	Main motor	Kw×P	15 × 4		18.5 × 4		22 × 4		30 × 4		37 × 4		45 × 4		55 × 4	
滑块调整电机	Slide adjust device	Kw×P	1 × 4		2 × 4		2 × 4		2 × 4		2 × 4		3 × 4		1 × 4	
使用空气压力	Air pressure	Mpa	0.6		0.6		0.6		0.6		0.6		0.6		0.6	
冲床精度	Presses precision		GB(JIS)1class 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。



Overall dimension 外型尺寸

规格 Specification	APE-160		APE-200		APE-250		APE-300		APE-400		APE-500		APE-600	
型式 Model	S	H	S	H	S	H	S	H	S	H	S	H	S	H
AA	2590	3000	3600	3600	A:3500/B:3700/C:4100		4300	4700						
AB	2240	2650	3250	3250	A:3150/B:3350/C:3750		3900	4250						
AC	1800	2200	2500	2500	A:2500/B:2800/C:3200		3300	3500						
AD	1880	2290	2800	2800	A:2700/B:2900/C:3300		3400	3650						
AE	1600	1850	2300	2300	A:2300/B:2500/C:2900		3000	3200						
BA	1400	1600	1815	1865	2050		2210	2550						
BB	1200	1260	1375	1505	1550		1760	2200						
BC	700	900	900	900	900		1000	1100						
BD	2150	2800	3024	3040	3164		3510	3900						
HA	800	1000	1150	1200	1200		1345	1400						
HB	450	400	500	450	550	450	550	450	550	450	580	480	600	500
HC	190	130	250	150	280	170	300	170	300	170	300	180	300	180
HD	3400	3300	4116	3966	4330	4040	4535	4570	4850	4650	5500	5620	6100	5870
HE	900	940	1000	1000	1150		1290	1350						
HF	450	600	600	600	600		750	750						

标准配置 Standard configuration

- > 干式离合刹车器
- > 易锻标准操作系统
- > 运转模式选择/切/寸动/安全—行程/连续
- > 油压过负荷保护装置
- > 二度落保护装置
- > 双联电磁阀
- > 误送检测装置
- > 电动滑块调整装置
- > 数字式模高指示器(单位0.1mm)
- > 电动黄油润滑装置
- > 累计计数器6位数
- > 预调计数器6位数
- > 保养计数器6位数
- > 寿命计数器6位数
- > 电子式旋转凸轮开关预备6连
- > 喷风装置1/2" 一回路
- > 空气源接头1/2" 二回路
- > 误送检知插座
- > 电源插座
- > Dry clutch brake
- > standard operating system of yiduan
- > Choice/cutting/inch/safe journey/continuation of operating mode
- > Oil pressure overload protection device
- > Over-run safety device
- > Duplex magnetic valve
- > Misfeed detection consent
- > Electric slider adjusting device
- > Digital moulding-height indicator (unit: 0.1 mm)
- > Auto grease pump device
- > Accumulative counter (6 digits)
- > Pre-determined counter (6 digits)
- > Maintenance counter (6 digits)
- > Life counter (6 digits)
- > Electronic rotary cam switch (6 connections)
- > Air-blast device 1/2" one circuit
- > Air source connector 1/2" two circuit
- > Error inspection socket
- > Power socket

选择配置 Optional configuration

- > 湿式离合刹车器
- > 模垫装置
- > Vs变速马达
- > 触摸屏装置
- > 光电安全装置
- > 滑块上部顶料装置
- > 主马达逆转装置
- > 脚踏开关
- > 安全挡块及安全插销
- > T型双手按钮操作台
- > 附检知变联电磁阀
- > 防震机械脚
- > 快速模具交换
- > 上夹模器
- > 下夹模器
- > 举模器
- > 移模臂
- > 基础螺丝及基础板
- > 自动送料装置
- > 三合一NC矫直送料机
- > Nc滚轮送料机
- > 二合一料架兼矫直机
- > 矫直机(整平机)
- > Wet clutch brake
- > Die cushion device
- > Vs variable-speed motor
- > Touch-screen device
- > Photo-electric safety device
- > Upper slider feeding device
- > Main motor inversion device
- > Foot switch
- > Safety dog and safety latch
- > T-type two-hand button operating floor
- > Inspection variable-connection magnetic valve
- > Anti-vibration mechanical foot
- > Rapid tooling exchange
- > Upper die clamper
- > Lower die clamper
- > Die lifter
- > Mould-shift arm
- > Basic bolt and soleplate
- > Automatic feeder device
- > Three-in-one NC straightening feeder
- > NC Roll feeder
- > Three-in-one feeder and straightening machine
- > Leveller

APK SERIES

Single-point high-speed type press

80T~200Tons

APK系列单点高速龙门冲床

Performance feature

- Control machine tools' actions with the use of rotary encoder and adopt human-computer interface system, for the convenience of human-computer communication.
- Lock connecting rod oil pressure and enhance precision of bottom dead center.
- With huge cost performance, they apply to motor rotor punching.

性能特点

- 使用旋转编码器控制机床各动作，采用人机界面系统，便于人与机床的沟通。
- 连杆螺纹油压锁紧，提高下死点精度。
- 极大的性价比，适合电机定子冲压。



标准配置 Standard configuration

- > 电动式模高调整
- > 模高显示精度0.01mm
- > 寸动定位装置
- > 三组批量控制
- > 二组误送检出
- > 连动、单动具有0°及90°定位功能
- > 主马达正逆转装置
- > 油压式滑块固锁装置
- > 独立式电控箱
- > 主马达变频器控制
- > Electric moulding-height adjustmnet
- > Moulding-height display precision: 0.01mm
- > Inch positioning device
- > Three-group batch control
- > Two-group misfeed inspection
- > Inter-action and single-action tools have 0° and 90° locate function
- > Forward/reverse device
- > Oil-pressure slider fixed-locking device
- > Independent electric control box
- > Main motor transducer control

选择配置 Optional configuration

- > 下死点精密检测器
- > 快速夹模装置
- > 高速送料机
- > 双头油压开卷机
- > 整平出料机
- > 防震装置
- > 冲压控制器
- > Bottom dead center precision detector
- > Leveling discharging machine
- > Shockproof device
- > Stamping controller
- > Double-end oil-pressure uncoiler

技术参数 Technical parameters

名称	Name	单位	APK-80	APK-125	APK-160	APK-200
吨数	Capacity	ton	80	125	160	200
冲力发生位置	Rated tonnage point	mm	2	3	3	3
行程	Stroke	mm	30	20	30	30
行程数	Speed changing	s.p.m	160~280	160~280	160~240	160~220
最大装模高度	Max.die height	mm	360	400	400	400
滑块调整量	Slide adjustment	mm	50	50	50	50
立柱间距离	Distance between the column	mm	920	1160	1360	1320
上工作台尺寸	Slide area	mm	800x500	1000x550	1200x600	1200x600
下工作台尺寸	Bolster area	mm	900x500	1100x600	1300x700	1300x800
下料孔	Material hole	mm	450x150	600x150	600x250	600x250
主电动机	Main motor	kwxp	11	18.5	22	30
使用空气压力	Air pressure	Mpa	0.6	0.6	0.6	0.6
冲床精度	Presses precision		GB(JIS)1class 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。

STS SERIES

Single crank precision press machine

200T~1000Tons

STS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。
- 高刚性床身优质钢仿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、曲轴等主关零部件经镀硬铬/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a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
- > 循环集中式润滑给油装置
- > 电磁式行程计数器
- > 二度落保护装置
- > 可编程器
- > 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
- > Circulation centralization lubrication oil feeding device
- > 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
- > 主马达正反旋转装置
- > 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

Technical parameters 技术参数

名称	Name	单位	STS-200	STS-250	STS-300	STS-400	STS-500	STS-600	STS-800	STS-1000		
吨数	Capacity	ton	200	200	250	250	300	300	400	400		
能力发生位置	Rated tonnage point	mm	4	7	4	7	9	7	9	7		
行程	Stroke	mm	40	250	40	280	300	170	300	200		
每分钟行程数	Speed changing	s.p.m	60-130	20-40	50-110	20-40	20-35	20-35	20-30	20-40		
最大装模高度	Max.die height	mm	350	550	380	550	650	550	600	650		
最大上模重量 (空气压5kg/cm ²)	Maximum counterbalancer capacity	kg	1000	1200	800	800	1500	1500	1500	1500		
滑块调整量	Slide adjustment	mm	100	150	100	150	150	150	150	150		
上工作台尺寸	Slide area	mm	900x800	900x800	1000x900	1300x1200	1400x1200	1500x1200	1600x1300	1500x1200		
下工作台尺寸	Bolster area	mm	1000x900	1000x900	1100x1000	1400x1200	1500x1200	1600x1200	1700x1400	1600x1200		
台盘厚度	Bolster thickness	mm	170	170	180	180	200	200	220	220		
侧向开口	Side opening	mm	400x400	400x400	400x400	400x500	400x500	500x500	500x500	800x800		
工作面高度	Height of the top surface of bed from floor level	mm	850	850	850	850	850	1090	1090	1200		
主电动机	Main Motor	Hpxp	18.5x4	22x4	30x4	37x4	45x4	55x4	75x4	110x4		
滑块调整电机	Slide adjusting moter	kwxp	0.75x4	1.5x4	1.5x4	2.2x4	3x4	3x4	3.7x4	7.5x4		
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		
台身结构	Frame structure		一体式one piece frame						三体式 tie rod type			
冲床精度	Presses precision		GB(JIS)1class 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。

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。
- 高刚性床身优质钢仿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-260	APF-300	APF-400	APF-500	APF-600									
型式	Model		V	H	V	H	V	H	V	H	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	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。

EDS SERIES

Single crank post guider press

25T~200Tons

EDS系列单曲轴导柱式 钢架冲床

- 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.



- 调整精密高达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度性。



性能特点 Performance feature

- 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.
- 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，低消耗，节省能源。

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
- > 触摸屏(预断、预裁、统计数)
- > 滑块及模具平衡装置
- > 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
- > Inverter
- > Hydraulic overload protector
- > Electrical automatic lubrication system
- > Electric slider adjusting device
- > Touch screen (pre-judge, pre-cut, and total count)
- > Slider and mould balancing device
- > Misfeed detection consent
- > Power socket
- > Crank angle indicator
- > Counter
- > Air source connector
- > Over-run safety device

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)
- > 模具照明装置
- > Wet clutch
- > Pneumail die cushion device
- > Foot switch
- > Quick die change device(Die lifter, die clamper, or die slide knock-out device)
- > Feeding device on the slider
- > Anti-vibration foot
- > Photo-electric safety device
- > Feeder (pneumatil mechanical, and NC)
- > Manid lamp

Technical parameters 技术参数

名称	Name	单位	EDS-25	EDS-35	EDS-45	EDS-60	EDS-80	EDS-110	EDS-160	EDS-200	
型式	Model		V H	V H	V H	V	V H	V H	V	V	
吨数	Capacity	ton	25	35	45	60	80	110	160	200	
冲击力发生位置	Rated tonnage point	mm	3.2 1.6	3.2 1.6	3.2 1.6	4 2	4 2	6 3	6 3	6 3	
每分钟行程数	变数	Speed changing	s.p.m	75-135 150-225	60-120 120-230	50-100 100-200	42-85 75-150	37-75 55-110	32-75 50-105	27-55 40-85	25-50 35-70
	定数	Stable speed	s.p.m	125	100	80	70	60	50	45	40
行程	Stroke	mm	80 30	80 40	100 50	120 90	130 100	150 110	180 120	200 100	
最大装模高度	Max.die height	mm	200 225	210 230	245 270	300 315	320 335	350 370	420 450	460 510	
滑块调整量	Slide adjustment	mm	50	55	60	75	80	80	100	100	
上工作台尺寸	Slide area	mm	500 x 250 x 50	600 x 285 x 50	620 x 340 x 60	700 x 400 x 70	850 x 450 x 70	1000 x 470 x 80	1050 x 550 x 90	1150 x 630 x 90	
下工作台尺寸	Bolster area	mm	750 x 300 x 70	870 x 400 x 85	900 x 450 x 110	1100 x 550 x 130	1000 x 550 x 140	1200 x 600 x 150	1350 x 800 x 160	1500 x 840 x 180	
模柄孔	Shank hole	mm	38.1	38.1	38.1	Ø50	Ø50	Ø50	Ø65	Ø65	
主电动机	Main motor	kw.p	3.7 x 4	3.7 x 4	5.5 x 4	5.5 x 4	7.5 x 4	11 x 4	15 x 4	18.5 x 4	
滑块调整机构	Slide adjust device	kw.p	0.2 x 4	0.2 x 5	0.2 x 4	0.4 x 4	0.4 x 4	0.4 x 4	0.75 x 4	0.75 x 4	
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	
冲床精度	Presses precision		GB(JIS)1class一级								
模垫	Die cushion										
型式	Model		-	-	S-240-50	S-240-50	S-300-70	S-350-80	S-400-80	S-400-100	
模垫能力	Die cushion capacity	ton	-	-	2.3	2.3	3.6	4.7	6.3	6.3	
模垫行程长	Stroke	mm	-	-	50	50	70	80	80	100	
模垫有效面积	Die cushion effective area	mm ²	-	-	300 x 230	300 x 230	350 x 300	450 x 300	500 x 350	640 x 420	

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。

EDL SERIES

Stroke adjustable strong steel frame
press

60T~160Tons

EDL系列行程可调强力 钢架冲床

- The precision of mold adjusting up to 0.1mm,safety,reliable and convenient.
- Crank, gear,connect bar are oxidized hardening and milled, having super comprehensive mechanical performance and durable function.

- 调整精密高达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。



性能特点 Performance feature

- Reasonable structural design, is benefit for automation production and reduce cost ,improve efficiency.
- Advanced design principle, low noise, low consumption, low cost , save energy.
- With high rigidity design in machine frame , the machine body is welded of quality steel sheet and treated by tension elimination, improve stability and reliability of precision of the machine.
- Keep the transmission center and machine center in uniformity, guarantee the precision of pressing.
- In order to guarantee the machine running in stable and smooth, adopts the design of symmetrical boards with balancer.
- Six-speed adjustable ram stroke, suitable for a variety of different molds Die height use.
- 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。
- 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。
- 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。
- 滑块行程6档可调,适合多种不同装模高度的模具使用

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
- > 手动式滑块调整装置 (60Tons及以下)
- > 电动式滑块调整装置 (80Tons及以上)
- > 机械式模高指示器 (60Tons及以下)
- > 电动式模高指示器 (60Tons及以上)
- > 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
- > Manual slide adjust device (60Tons and below)
- > Slide sadjust device(80Tons and above)
- > Automatic die height indicator (60Tons and below)
- > Die height indicator(60Tons and above)
- > Balance device
- > Rotary cam switch
- > Misfeed detection consent
- > Power supply
- > Crank angle indicator
- > Electrical stroke counter
- > Air source receptacle
- > 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
- > 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 screen(preset, total counter)
- > Man-machine contral system

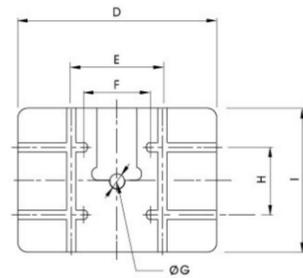
All specifications,dimensions and design characteristics shown in this catalogue are subject to change without notice.

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。

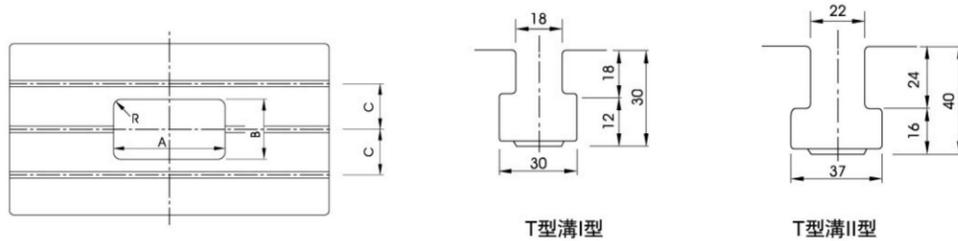
技术参数 Technical parameters

名称	Name	单位	EDL-60	EDL-80	EDL-110	EDL-160
吨数	Capacity	ton	60	80	110	160
冲力发生位置	Rated tonnage point	mm	4	4	6	6
每分钟行程数	变速	S.p.m	35-90	35-80	30-60	20-50
	定速	S.p.m	65	65	50	35
行程	Stroke	mm	20-100	25-120	25-160	30-180
最大装模高度	MAX.die height	mm	310	340	370	470
滑块调整量	Slide adjustment	mm	75	80	80	100
上工作台尺寸	Slide area	mm	700×400×70	770×420×70	910×470×80	990×550×90
下工作台尺寸	Bolster area	mm	900×500×80	1000×550×90	1150×600×110	1250×800×140
模柄孔	Shank hole	mm	Ø50	Ø50	Ø50	Ø65
主电动机	Main motor	kw.p	5.5×4	7.5×4	11×4	15×4
滑块调整机构	Slide adjust device		手动 Manual operation		电动 Electrical driving	
使用空气压力	Air pressure	Mpa	0.6	0.6	0.6	0.6
冲床精度	Presses precision		GB(JIS)1class 一級	GB(JIS)1class 一級	GB(JIS)1class 一級	GB(JIS)1class 一級
冲床(长×宽×高)	Presses dimension	mm	1595×1000×2800	1800×1100×2800	1900×1300×3200	2420×1390×3465
模垫能力	Die cushion capacity	ton	3.6	3.6	6.3	10
模垫行程长	Stroke	mm	70	70	80	80
模垫有效面积	Die cushion effective area	mm ²	350×300	450×310	500×350	650×420

上工作台 Slide



下工作台 Bolster



Model	A	B	C	D	E	F	G	H	I	T型沟
EDL-60	320	160	150	700	220	220	Ø 50	160	400	II
EDL-80	360	180	150	770	300	220	Ø 50	180	420	II
EDL-110	400	200	160	910	300	220	Ø 50	220	470	II
EDL-160	440	220	220	990	300	175	Ø 50	220	550	II

APH SERIES

Gant Type Speed Precision Four
Post Guider Press Machine

60T~500Tons

龙门式高速精密六导柱冲床

○ HIGH-PRECISION STABILITY AND RELIABILITY

Frame structure, high alloy steel casting(by computer analysis to design the most suitable rack)after elimination of internal stress process, to further improve the precision the indispensable high rigidity rack, to achieve low vibration technology to improve mold life.

- 高精度稳定性和可靠性。高钢合金铸造机架结构(通过计算机解析设计出最合适机架)经过消除内应力工艺处理,进一步提高了对于精度不可缺少的高刚性机架,实现了低噪音和低震动化,提高模具使用寿命。



标准配置 Standard configuration

- > 电动式模高调整
- > 模高显示精度0.01mm
- > 寸动定位装置
- > 电脑可记忆30组(套)模具加工资料
- > 三组批量控制
- > 二组误送检出
- > 联动、单动具有0°级90°定位功能
- > 主机正反转装置
- > 液压式滑块锁紧装置
- > 润滑油冷却循环机
- > 意大利宇意一体式离合刹车
- > 独立式电控箱
- > 工作箱
- > 工作灯
- > 主机马达变频控制
- > Electric die height adjusting equipment
- > Digital die height indicator(0.01mm)
- > Micre inching function
- > 30 sets memory for die setting data
- > Lot: "A" "B" "C",control for auto-stacking
- > 2 sets of mis-feed detecting receptcle
- > Two way rotation main motor control
- > Hydraulic clamping unit for die height adjusting
- > Lubricant cooling device
- > Italy Yu Yi integral clutch brake
- > Independent electric control box
- > Tool box
- > Work light
- > Inverter control for main motor

选择配置 Optional configuration

- > 下死点精密检测器
- > 快速夹模装置
- > 液压举模装置
- > 高速送料机
- > 双头油压开卷机
- > 整平出料机
- > 液压式防震脚座装置
- > 冲压控制器
- > 前后隔音安全门
- > Die height detector
- > Hydraulic die clamping device
- > Hydraulic die lifting device
- > Hi-speed gear change feeder
- > Double head un-coiler
- > Leveler &"S"loop control
- > Anti-vibration mounts
- > F-3SC stamping controller
- > Two side sound proof safety door

技术参数 Technical parameters

机型	Modelodel	单位	APH-60	APH-80	APH-125	APH-150	APH-200	APH-220	APH-300	APH-350	APH-400	APH-550
吨数	Capacity	ton	60	80	125	150	200	220	300	350	400	550
行程	Stroke	mm	30	30	30	30	30	30	30	30	30-50	40
每分钟行程数	Strokes per minute	s.p.m	200-800	200-700	150-700	150-700	150-600	150-600	150-400	150-400	150-350	80-250
下工作台尺寸	Bolster area	mm	950x650	1100x750	1200x850	1400x850	1800x950	1900x1000	2200x1000	2400x1000	2800x1200	3300x1300
下料孔	Bolster hole	mm	700x125	800x150	1000x200	1000x200	1300x250	1400x300	2000x300	2200x300	2200x400	3300x500
滑块面积	Slide	mm	950x420	1100x500	1200x600	1400x600	1800x700	1900x750	2200x900	2400x900	2800x1100	3300x1200
模高调整行程	Die height adjustment	mm	300-350	330-380	360-410	360-410	370-420	370-420	400-450	400-450	420x480	500-550
模高调整马达	Adjustment motor	kw	0.4	0.75	0.75	0.75	1.5	1.5	2.2	2.2	3.7	5.2
送料线高度	Linear height	mm	160	175±50	195±50	195±50	200±50	200±50	210±50	210±50	220±50	240±50
主电动机	Main motor	kw	10	22	37	.37	45	45	55	55	75	90

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。

AGH SERIES

Gant Type Speed Precision Four
Post Guider Press Machine

125T~300Tons

龙门式高速精密六导柱冲床

MINIMUM VIBRATION, MINIMUM NOISE

Outstanding dynamic balancing design reduces vibration and noise to a minimum.

PRECISION MAIN SHAFT

Manufactured from Nickel Chrome Molybdenum alloy steel, hardened and precision ground.

HIGH POSITIONING ACCURACY

Sensitive separated type clutch and brake assure high positioning accuracy and maximum safety guard.

Plunger guides & slide guides utilize clearance free axial bearings.



- 低振动、低噪音
优异的动态平衡设计,将振动与噪音降到最低,并可确保模具寿命。
- 精密主轴
曲轴采用镍铬钼合金钢,经过热处理、研磨等精密加工。
- 定位精准
强力灵敏之分离式离合器及刹车器,确保定位精度,操作安全。
滑块导柱:导杆探无间隙轴向轴承。



标准配置 Standard configuration

- > 电动式模高调整
- > 模高显示精度0.01mm
- > 寸动定位装置
- > 电脑可记忆30组(套)模具加工资料
- > 三组批量控制
- > 二组误送检出
- > 联动、单动具有0°级90°定位功能
- > 主机正反转装置
- > 液压式滑块锁紧装置
- > 润滑油冷却循环机
- > 意大利宇意一体式离合刹车
- > 独立式电控箱
- > 工作箱
- > 工作灯
- > 主机马达变频控制
- > Electric die height adjusting equipment
- > Digital die height indicator(0.01mm)
- > Micre inching function
- > 30 sets memory for die setting data
- > Lot: "A" "B" "C", control for auto-stacking
- > 2 sets of mis-feed detecting receptacle
- > Two way rotation main motor control
- > Hydraulic clamping unit for die height adjusting
- > Lubricant cooling device
- > Italy Yu Yi integral clutch brake
- > Independent electric control box
- > Tool box
- > Work light
- > Inverter control for main motor

选择配置 Optional configuration

- > 下死点精密检测器
- > 快速夹模装置
- > 液压举模装置
- > 高速送料机
- > 双头液压开卷机
- > 整平出料机
- > 液压式防震脚座装置
- > 冲压控制器
- > 前后隔音安全门
- > Die height detector
- > Hydraulic die clamping device
- > Hydraulic die lifting device
- > Hi-speed gear change feeder
- > Double head un-coiler
- > Leveler & "S" loop control
- > Anti-vibration mounts
- > F-3SC stamping controller
- > Two side sound proof safety door

技术参数 Technical parameters

机型	Model	单位	AGH-125	AGH-220	AGH-300
吨数	Capacity	ton	125	220	300
行程	Stroke	mm	30	30	30
每分钟行程数	Strokes per minute	s.p.m	150-700	150-600	150-400
下工作台尺寸	Bolster area	mm	1400x850	1800x950	2300x1000
下料孔	Bolster hole	mm	1100x200	1500x250	1900x350
滑块面积	Slide	mm	1400x600	1800x700	2200x900
模高调整行程	Die height adjustment	mm	360-410	370-420	400-450
模高调整马达	Adjustment motor	kw	0.75	1.5	2.2
送料线高度	Linear height	mm	195±50	200±50	210±50
主电动机	Main motor	kw	37	45	55

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。

AGL SERIES

Straight Column Type Four-points
eccentric press machine

AGL30T~125T

肘节式高速精密压力机



○ Net (near) forming precision forging equipment, toggle mechanism, bottom dead center position have certain pressure holding characteristics, connecting

rod mechanism, can expand the stroke and nominal force stroke, High rigidity frame and eight side guide rail, increase the ability of anti eccentric load of the

press, ensure the high precision of the press. With the knock out device, realize the perfect cooperation between the press and the automation device.

● 高精度稳定性和可靠性

净（近）成形精密锻造设备，肘杆机构，下死点位置具备一定的保压特性，连杆机构，可扩大行程和公称力行程，高刚性的机架和八面导向的长导轨，增大了压力机的抗偏心载荷的能力，保证了压力机高精度。具备顶料装置，实现设压力机与自动化装置的完美配合。

性能特点 Performance feature

- 高精度加工的实现
- 低噪音的实现
- 便利性操作的实现
- 模高变化小,动能中心偏差小
- 模具寿命大幅提升
- 冲压之变形量小
- 下料剪断噪音小
- 低综合间隙
- 伺服马达调模,以提高调模的便利性和精确度

- Implementation of high density machining
- Low noise implementation
- Realization of convenient operation
- The die height variation is small and the kinetic center deviation is small.
- Die life greatly improved
- Small deformation of stamping.
- Cutting noise is small.
- Low general clearance
- The servo motor is adjusted to improve the convenience and accuracy of mold adjustment.

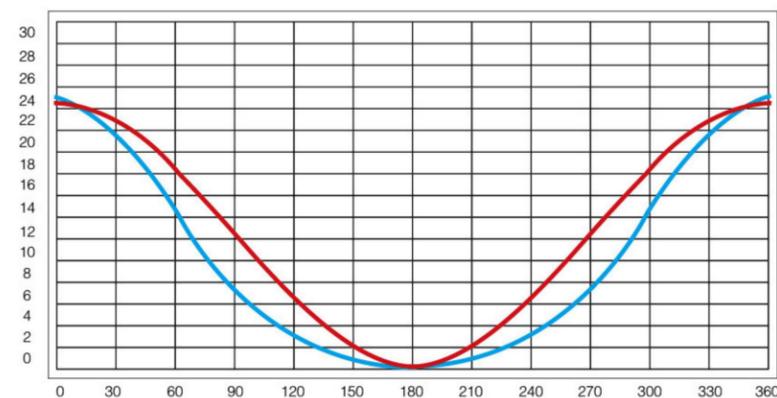
标准配置 Standard configuration

- | | | | |
|---------------|------------|---|------------------------------|
| > 电动式自动润滑装置 | > 误送检知装置 | > Electric automatic lubricating device | > Detecting device |
| > 电动式滑块调整装置 | > 主马达逆转装置 | > Electric slide adjusting device | > Main motor reversal device |
| > 电动式模高指示器 | > 电子式行程计算器 | > Electric die height indicator | > Electronic trip counter |
| > 滑块及模具平衡装置 | > 预载计数器 | > I slide and die balancing device | > Pre cut counter |
| > 电子凸轮控制显示器 | > 预调计数器 | > Electronic cam control display | > Preset counter |
| > 离合器性能读出监控装置 | > 电源插座 | > Read from the brake performance monitoring device | > Power socket |
| > 静态SPM显示功能 | > 独立式控制箱 | > Static SPM display function | > Independent control box |
| > 维修文字知识功能 | > T型移动式操作台 | > Repair instructions function | > Operating platform |
| > 空气源插座 | > 基础板和螺栓 | > The air source socket | > Base plate and the bolt |
| > 空气吹料装置 | > 维护工具及工具箱 | > Air blowing device | > Maintenance tool box |
| > 二度落保护装置 | > 使用说明书 | > Two degree drop protection device | > Operating instructions |

选择配置 Optional configuration

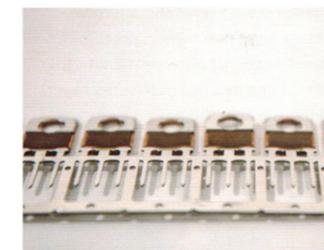
- | | | | |
|-------------|---------------|--|---|
| > 气压式模垫顶料装置 | > 飞轮刹车装置 | > Pneumatic die cushion lifting device | > Flywheel brake device |
| > 光电式安全装置 | > 安全挡块插销 | > A photoelectric safety device | > Safety block bolt |
| > 滑块上部顶料装置 | > 移动工作台 | > Knock-out device | > Moving table |
| > 模具照明装置 | > 举模器、夹模器或移模器 | > I die lighting device | > lift the mold, clamps the mold or die arm |
| > 下死点检知器 | > 自动送料系统 | > I know death under inspection | > Automatic feeding system |
| > 脚踏操作开关 | > 防震垫脚 | > The pedal operation switch | > Lsolation mounts |

肘节连杆结构与曲轴结构冲压曲线对比图



— 曲轴式行程25mm

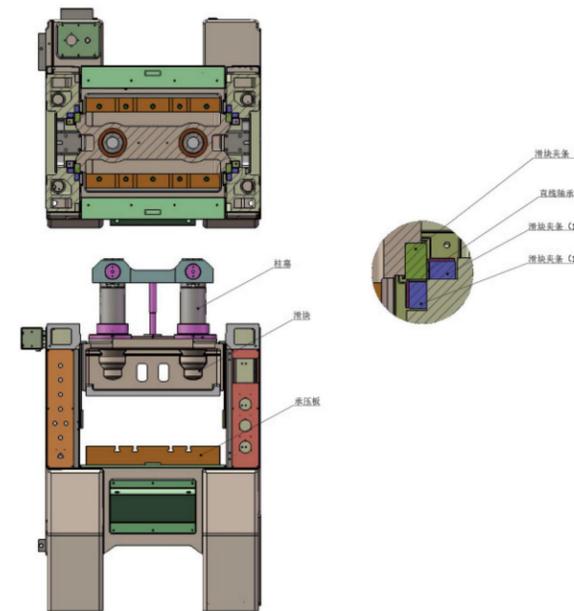
— 肘节式行程25mm



技术参数 Technical parameters

名称	Name	单位	AGL-30				AGL-40				AGL-60				AGL-80				AGL-125		
加压能力	Capacity	KN	300				400				600				800				1250		
行程	Stroke	mm	16	20	25	30	16	20	25	30	20	25	30	40	20	25	30	40	25	32	36
冲程数	Stroke Per Minute	s.p.m	200-1250	200-1200	200-1050	200-900	180-1000	180-900	180-850	180-800	100-750	100-750	100-650	100-550	120-600	120-550	120-500	120-450	400	370	350
闭模高度	Max.Die height	mm	190-240				190-240				220-300				240-320				270-350		
滑块调节量	Slide adjustment	mm	50				50				80				80				80		
滑块尺寸	Area of slide	mm	600x300				750x340				1030x500				1380x580				1480x600		
工作台面积	Area of bolster	mm	600x400				750x500				1100x600				1500x800				1600x900		
工作台厚度	Thickness	mm	90				120				140				160				180		
工作台开口尺寸	Opening size of bolster	mm	400(上) x 350(下) x 60				600(上) x 500(下) x 100				800(上) x 700(下) x 100				1050(上) x 900(下) x 150				1050(上) x 900(下) x 150		
床台开孔尺寸	Hole Size	mm	400x100				560x120				840x120				1200x160				1300x160		
主马达	Main Motor	Kw	11x4P				15x4P				22x4P				30x4P				37x4P		
上模重量	Max.weight of upper die	kg	MAX80				MAX150-155				MAX450				MAX500				MAX600		
总重量	Toal weight	kg	6500				8000				14000				22000				33000		

- 该系列冲床是最大限度地发挥了肘节连杆机构式的特性,进行了更简单更合理化的结构设计,此款适用于引线框架、连接器、端子等超精密加工的新型肘节连杆式冲床。
- 由于采用了封称肘节连杆机械,实现了热变位最小、下死点变位量最小及理想的成形效果,是最适于高速精密加工的床。
- 最大限度地利用了肘节连杆机械的特性的基础上,采用简化的新型机构,以及增加冲床体积、高刚性及良好的热平衡特性的肘节连杆式冲床。
- 由于装备了完全封称式平衡器,震动几乎100%地被吸收,同时将由于SPM变化所引起的闭模高度变化以及第1打与第2打所引起的下死点变位抑制到最小。采用了左右分力相互抵消的平衡机构,以及2柱塞、8面针型滚式两导轨,进一步提高了滑块的耐偏心负荷的能力。
- Our MISK Super series press is seeking higher productivity under the features of knuckle mechanism with simplicity and optimum. This new knuckle press machines has a simple design and high rigidity for such components as lead frames, connectors, terminals, motor cores etc.
- Symmetrical knuckle mechanism has been proven to perform high speed fine precision stamping owing to minimal of thermal displacement breakthrough and stability.
- The advantage of knuckle mechanism is designed for rigidity and thermal balance in addition to simple structure.
- Balance mechanism which countervails left and right components of force, and double slide-guiding system which is composed of 2 plunger and 8 faces needle bearings, elevate the capacity of eccentric load-resistant.



日本 JIS 特级精度 -- 刚性好、精度高

JIS superfine precision--good rigidity and high precision

滑块运动采用 2 柱塞 +8 面平面滚针导轨导向, 接近零间隙的空间内导向运动。刚性好、抗偏载能力强, 冲床精度高, 抗冲击、抗磨损导轨材料确保冲床精度长期稳定, 延长了模具冲头修模时间。

The slider is guided by a guide of double plungers and octahedral flat roller with nearly no clearance in it. It has good rigidity, high inclined loading resistance capability, and high punch press precision. High impact-resisting and wear-resisting property of the guide materials guarantee long-term stability of the punching machine precision and prolong the intervals of repairing mould.

API SERIES

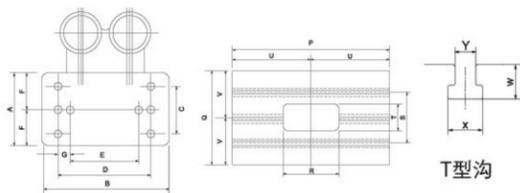
High-speed precision press machine

25T~60Tons

API系列高速精密冲床

- Adopt integrated high-strength casting machine, with stress relief, to guarantee long-term precision.
- Three-circle guide pillar slider structure, adopting alloy steel bush and forced lubrication, so that thermal change can fall to the minimum while precision may reach to the maximum.
- 采用一体化的高强度铸件机器，经应力消除，确保长期精度。
- 三圆导柱滑块结构，采用合金钢衬套，配合强制润滑，使热变降至最小而精度达到最高。

上(下)工作台 Slide bolster



- Dynamic equilibrium system is used to balance bent axles and vibration generated when slider runs up and to control stability of bottom dead center.
- Manual moulding-height adjustment is equipped with moulding-height indicator and oil-pressure clamping device.
- 动态平衡系统，以平衡曲轴，滑块高速运转时产生的震动，控制下死点稳定性。
- 手动式模高调整，配有模高指示器及油压锁模装置。



性能特点 Performance feature

- Human-computer interface (electronic cam + rotary encoder) operation is convenient and accurate.
- Operating functions are integrated on LCD, displaying engine base's malfunction contents automatically.
- Adopt highly sensitive and reliable clutch/brake and internationally top duplex magnetic valve, to guarantee precision and safety for operation and stop of press rams.
- With thorough electric loop design, they can be matched with various automatic devices, to conduct automatic production, to reduce cost, and to improve efficiency.
- 人机界面（电子凸轮+旋转编码器）操作方便准确。
- 操作功能集成于液晶显示屏，机座故障内容自动显示。
- 离合器/刹车器装置高度灵敏，国际顶尖单联电磁阀，确保冲床滑块运转及停止精确性和安全性。
- 周密型之电气回路设计，可搭配各种自动化设备，进行自动化生产，降低成本，提高效率。

标准配置 Standard configuration

- | | | | |
|-----------------------|--------------|--|---|
| > 顶点停止 | > 卡模解脱装置 | > Top stop | > Air source connector |
| > 手动滑块调整装置 | > 主电机（可调速） | > Manual slider adjusting device | > Sticking release device |
| > 模高指示器 | > 油压锁模 | > Slide-height indicator | > Main motor (adjustable speed) |
| > 变频器 | > 机械式曲轴角度指示器 | > Inverter | > Hydraulic die lacker |
| > 可编程序控制PLC | > 强制循环油装置 | > Programmable control (PLC) | > Mechanical crank angle indicator |
| > 触摸屏（预断、预裁、角度指示、总计数） | > 工具箱 | > Touch screen (pre-judge, pre-cut, and total count) | > Forced circulation oil device |
| > 编码器（电子）预留2组 | > 操作说明书 | > Encoder (electronic) reserved (2 groups) | > Tool box |
| > 机台前操作盒 | > 电源插座 | > Operation box | > Operating manual |
| > 空气源快速接头 | > 独立式电气箱 | | > Power socket |
| | | | > Independence electronic control cabinet |

选择配置 Optional configuration

- | | | | |
|-----------|----------|---------------------------------|-------------------------------|
| > 防震脚 | > 下死点检出器 | > Anti-vibration pad | > Bottom dead center detector |
| > 送料机 | > 油冷却机 | > Feeder | > Oil cooler |
| > 料架 | > 模具灯 | > Uncoiler | > Die light |
| > 材料油润滑装置 | > 喷风装置 | > Oil lubrication system device | > Air-blast device |

Model	A	B	C	D	E	F	G	P	Q	R	S	T	U	V	W	X	Y
API-25	205	300	150	212	190	102.5	25	600	300	200	180	100	300	150	30	30	18
API-45	320	420	150	340	260	160	40	700	415	240	240	120	350	205	40	37	22
API-60	340	550	240	360	300	170	40	840	470	320	270	160	420	235	40	37	22

技术参数 Technical parameters

名称	Name	单位	API-25	API-45	API-60
吨数	Capacity	ton	25	45	60
行程	Stroke	mm	30	30	30
每分钟行程数	Speed changing	s.p.m	200-800	200-700	200-600
闭合高度	Max.die height	mm	210	230	305
上工作台尺寸	Slide area	mm	300x205	420x320	550x340
下工作台尺寸	Bolster area	mm	600x300x80	700x415x100	840x470x105
滑块调整量	Slide adjustment	mm	30	30	30
落料孔	Bed opening	mm	200x100	240x120	320x160
主电动机	Main motor	kwxp	3.7	5.5	7.5
循环系统	Lubrication		Forceful Autom ation	Forceful Autom ation	Forceful Autom ation
变速系统	Speed control		Inverter	Inverter	Inverter
离合器及刹车	Clutch & brake		Air & Friction	Air & Friction	Air & Friction
顶点停止	Auto top stop		Standard	Standard	Standard
避震系统	Vibration system		Optional	Optional	Optional

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。

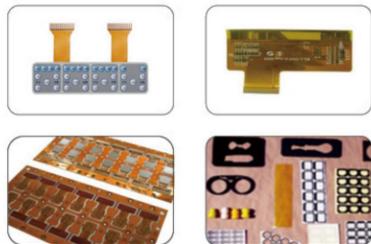
JDS SERIES

jds series special servo punch

10T~25Tons

JDS系列专用伺服冲床

- Servo direct drive transmission mechanism is adopted. Extend the service life of the die, effectively reduce noise, reduce vulnerable parts, low maintenance cost
- It is equipped with programmable logic controller (PLC) and man-machine interface. It can diagnose and display abnormal conditions by itself.
- JDS series of precision servo small punches are widely used in FPC and die-cutting printing industries. It not only meets the requirements of pre-interruption, but also is quiet and noiseless, and can meet the requirements of dust-free workshop and automatic production assembly line.



- 采用伺服直驱式传动机构。延长模具使用寿命,有效降低噪音,减少易损易耗件,维护成本低。
- 配备可编程控制器PLC以及人机界面,可自行诊断并显示异常状况。
- 精密伺服小冲床JDS系列广泛运用于FPC、模切印刷行业,不仅满足预断半断的要求,而且安静无噪音,适应无尘车间、自动生产组装线的要求。



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。

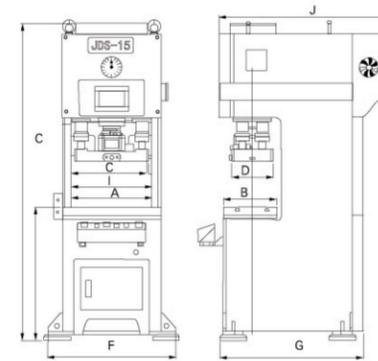
标准配置 Standard configuration

- > 手动滑块调整装置 Manual slider adjustment device
- > 电动浓油润滑装置 Electric grease oil lubrication device
- > 滑块机模具平衡装置 Slide & mold balancer
- > 伺服驱动减速装置 Servo drive deceleration device
- > 手动滑块锁紧装置 Manual slider locking device
- > 机械式曲轴角度指示器 Mechanical crankshaft angle indicator
- > 数字式模高指示器 (0.01MM) Digital die height indicator(0.01 MM)
- > 行程计数器 (6位数) stroke counter(6 digits)
- > 可编程计数器PLC Programmable counter PLC
- > 人机界面 Man-Machine interface
- > 伺服电机+伺服驱动器 Servo motor + servo drive
- > 主马达正反转装置 Main motor forward/reverse device
- > 空气源接头 Air source connector
- > 误送检知装置 Misfeed detection device
- > 机身侧隐藏式电气箱 Hidden electrical box behind the frame
- > 机械式防震装置 Isolator mount device

选择配置 Optional configuration

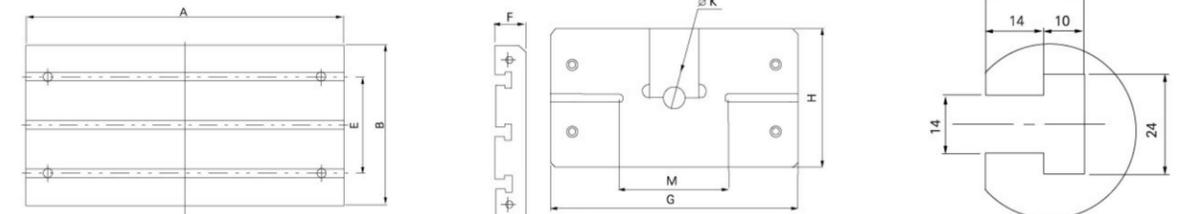
- > 光电保护装置 Photoelectric protection device
- > LED模具灯 LED die light
- > 自动滑块锁紧装置 Automatic slider locking device
- > 喷风装置 Air ejector
- > FPC专用送料机械手 FPC special feed manipulator
- > 电动稀油润滑装置 Electric oil lubrication device

外型尺寸 Overall dimension



规格 Pecification	JDS-10	JDS-15	JDS-25
A	600	600	650
B	300	300	300
C	450	450	500
D	250	250	250
E	805	805	805
F	780	780	830
G	853	853	910
H	1914	1940	2010
I	488	488	524
J	1060	1150	1250

工作台尺寸 Bolster area



规格 Pecification	A	B	E	F	G	H	M	X
JDS-10	600	300	180	50	450	250	200	38.1
JDS-15	600	300	180	50	450	250	200	38.1
JDS-25	650	300	180	65	500	250	200	38.1

技术参数 Technical parameters

项目 Item	单位 Unit	JDS-10	JDS-15	JDS-25
吨位 Capacity	Ton	10	15	25
行程 Stroke	mm	50 80	50 80	50 80
行程数 Speed changing	S.P.M	20-150	20-100	20-100
最大模高 Die height	mm	210	195	210
调节量 Slide adjustment	mm	30	30	30
滑块尺寸 Slide area	mm	450*250	450*250	500*250
下工作台 Bolster area	mm	600*300	600*300	650*300
主电机 Main Motor	Kw	5.5	7.5	11
滑块调节机构 Slide adjust device	/	手动 Manual operation		
操作方式 Method of operation	/	双手操作式 Hand operated		
作动方式 Actuating mode	/	寸动/一行行程/连续 Inch/A Stroke/Continuous		
使用空气压力 Air pressure	Mpa	0.5	0.5	0.5

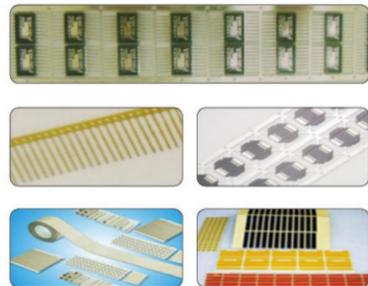
JDC SERIES

JDC series high speed precision punch small press

05T~25Tons

JDC系列高精度小型冲床

- High-precision small punch bed JDC series, using imported high-precision bearings, pneumatic dry clutch, high-precision, high-security equipped with programmable controller PLC and human-machine interface, can diagnose and display abnormal conditions.
- Widely used in the stamping of precision hardware pieces, secondary stamping assembly, not only fast, stable accuracy, but also on the table production, assembly automatic line production.



- 高精度小冲床JDC系列，采用进口高精度轴承，以及气动干式离合器，高精度、高安全性配备可编程控制器PLC以及人机界面，可自行诊断并显示异常状况。
- 广泛应用于精密五金小件的冲压，二次冲压组装，不仅速度快、精度稳定，而且可以桌上生产、组装自动线上配合生产。



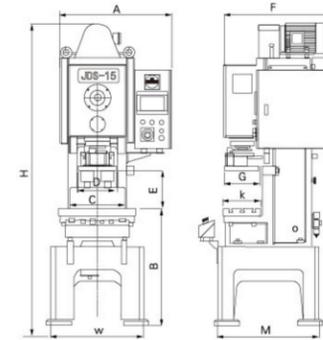
标准配置 Standard configuration

- > 手动滑块调整装置 Manual slider adjustment device
- > 电动浓油润滑装置 Electric grease oil lubrication device
- > 滑块机模具平衡装置 Slide & mold balancer
- > 干式离合器 Dry clutch
- > 手动滑块固锁装置 Manual slider locking device
- > 电子式曲轴角度指示器 Electronic crankshaft angle indicator
- > 数字式模高指示器 (0.01MM) Digital die height indicator(0.01 MM)
- > 行程计数器 (6位数) stroke counter(6 digits)
- > 可编程计数器PLC Programmable counter PLC
- > 人机界面 Man-Machine interface
- > 东元马达+台达变频器 Teco Motor + Teda inverter
- > 主马达正反转装置 Main motor forward/reverse device
- > 空气源接头 Air source connector
- > 误送检知装置 Misfeed detection device
- > 悬挂式电气箱 Suspended electrical box
- > 机械式防震装置 Isolator mount device

Optional configuration 选择配置

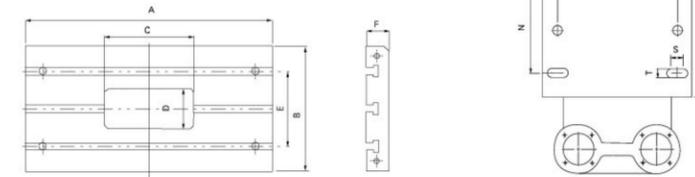
- > 光电保护装置 Photoelectric protection device
- > LED模具灯 LED die light
- > 自动滑块固锁装置 Automatic slider locking device
- > 喷风装置 Air ejector
- > 一体式伺服送料机 Integrated servo feed machine
- > 气垫式防震脚 Pneumatic anti-vibration pads
- > 材料架+整平机 decoiler + leveler

外型尺寸 Overall dimension



规格 Pecification	JDC-05	JDC-10	JDC-15	JDC-25
A	670	720	790	830
B	705	760	800	800
C	340	550	600	600
D	250	250	300	300
E	205	205	205	215
F	630	750	770	850
G	220	230	240	240
H	1850	1941	2030	2196
K	250	250	300	300
M	660	660	800	800
W	600	600	750	750

Bolster area 工作台尺寸



规格 Pecification	A	B	C	D	E	F	G	H	N	M	S	T
JDC-05	340	250	160	80	150	40	250	220	140	200	20	14
JDC-10	550	250	160	80	150	45	250	230	140	200	20	14
JDC-15	600	300	200	100	200	50	300	240	140	250	20	18
JDC-25	600	300	200	100	200	65	300	240	140	250	20	18

Technical parameters 技术参数

项目 Item	单位	JDC-05	JDC-10	JDC-15	JDC-25
吨位 Capacity	Ton	5	10	15	25
行程 Stroke	mm	30 50	30 50	30 50	30 50
行程数 Speed changing	S.P.M	150-420	150-350	150-400	150-300
最大模高 Die height	mm	205	195	205	195
调节量 Slide adjustment	mm	30	30	30	30
滑块尺寸 Slide area	mm	250*220	250*230	300*240	300*240
下工作台 Bolster area	mm	340*250	550*250	600*300	600*300
主电机 Main Motor	Kw	1.1	1.5	2.5	3.7
滑块调节机构 Slide adjust device	/	手动 Manual operation			
操作方式 Method of peration	/	双手操作式 Hand operated			
作动方式 Actuating mode	/	寸动/一行行程/连续 Inch/A Stroke/Continuous			
使用空气压力 Air pressure	Mpa	0.5	0.5	0.5	0.5

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。

STD SERIES

Straight column Double
Crankshaft powerful Press Machine

300T~1250Tons

STD系列直柱型双曲轴 强力冲床

- Octahedral guiding of slider and long guide rail can guarantee operation precision.
- Hydraulic overload protection device and overload automatic emergency cut-off can protect safety of press machines and moulds, with convenient application.
- 滑块八面导向，导轨长，保证运行精度；
- 液压过载保护装置，过载自动紧急停车，保护压力机和模具安全，使用方便；



性能特点 Performance feature

- PLC electric interlocking control possesses sudden-stop, inch, single-pass, and continuous operation specifications;
- Dry pneumatic friction clutch is small in noise, large in clutching torque, small in braking angle, and convenient in maintenance;
- Body is closed structure, including beams, stand columns, and bases, which is strained with four tie bolts, with good rigidity (400-1200)
- PLC电气集中控制，具有急停、寸动、单次、连续操作规范；
- 干式气动摩擦离合器，噪音小，离合扭矩大，制动角度小，维护方便；
- 机身横梁、立柱、底座分体闭式结构，用四根拉紧螺杆拉紧，刚性好(400~1200)

标准配置 Standard configuration

- | | | | |
|-------------------|----------------|---|---|
| > 油压式过载保护装置 | > 二度落保护装置 | > Hydraulic overload protector | > Over-run safety device |
| > 电动式滑块调整装置 | > 误送检测装置 | > Electric slider adjusting device | > Misfeed detection consent |
| > 独立式控制箱 | > 预调计数器6位数 | > Independence electrical control cabinet | > Pre-determined counter (6 digits) |
| > 移动式操作台 | > 喷风装置1/2"一回路 | > Movable operation platform | > Air-blast device 1/2" one circuit |
| > 数字式模高指示器(0.1MM) | > 空气源接头1/2"二回路 | > Digital die height indicator (unit: 0.1 mm) | > Air source connector 1/2" two circuit |
| > 循环集中式润滑给油装置 | > 变频器 | > Circulation type lubrication device | > Inverter |
| > 电源插座 | | > Power socket | |

选择配置 Optional configuration

- | | | | |
|-------------|----------|---------------------------------|----------------------------|
| > 模垫装置 | > 模具照明灯 | > Die cushion | > Die lamp |
| > 光电安全装置 | > 快速换模装置 | > Photo-electric safety device | > Quick die change device |
| > 滑块上部打料装置 | > 移动式台车 | > Slide knock-out device | > Moving bolster |
| > 安全挡块及安全插销 | > 自动送料系统 | > Safety block and safety latch | > Automatic feeding system |
| > 防震装置 | | > Anti-vibration pads | |

技术参数 Technical parameters

名称	Name	单位	STD-300		STD-400		STD-500		STD-600		STD-800		STD-1000	
型式	Model		S	H	S	H	S	H	S	H	S	H	S	H
吨数	Capacity	ton	300		400		500		600		800		1000	
冲力发生位置	Rated tonnage point	mm	9	7	13	7	13	7	13	9	13	9	13	9
行程	Stroke	mm	350	250	400	300	400	300	400	300	400	300	400	300
每分钟行程数	Speed changing	s.p.m	20-30	30-50	15-25	35-40	15-25	25-40	15-25	20-30	15-25	20-30	15-25	20-30
最大装模高度	Max.die hight	mm	600	650	600	650	650	700	650	700	700	750	1000	1050
滑块调整量	Slide adjustment	mm	150		150		200		200		250		250	
上工作台尺寸	Slide area	mm	2500×1300		2800×1300		3100×1400		3600×1400		3800×1600		4600×1800	
下工作台尺寸	Bolster area	mm	2500×1300		2800×1400		3100×1500		3600×1500		3800×1600		4600×1800	
侧面开口	Side opening	mm	700×500		850×600		950×650		1000×700		1100×800		1200×900	
模垫能力	Die cushion capacity	ton	30		60		70		80		80		80	

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。

S2 SERIES

Straight Column Type Double-Point Press Machine

400T~1600Tons

S2系列闭式偏心双点压力机

- base column crossbeam and slide all use steel structure. Tighten together with tension bolts.
- The transmission adopts three - stage transmission, one stage belt drive, two - stage gear transmission. High speed stage double helical gear.
- The connecting rod is connected with the slide block by the guide pillar guide sleeve structure, Eight extra long guide rail.
- 底座、立柱、横梁、滑块采用全钢结构，用拉紧螺栓液压预紧在一起；
- 传动采用三级传动，一级皮带传动，两级齿轮传动。高速级采用人字齿轮；
- 连杆与滑块连接采用导柱导套结构，八面超长导轨导向；



性能特点 Performance feature

- The clutch brake adopts a low inertia pneumatic clutch brake, which is controlled by a double safety valve.
- The hydraulic pressure overload protection device is adopted for the slide block.
- The height of the mold is adjusted by the digital display
- The method of thin oil circulating lubrication and concentrated oil clearance lubrication. With high and low level detection, high pressure detection, timing, fixed-point, quantitative lubrication.
- Hydraulic, pneumatic, electrical control components using high-quality brand-name products
- Electrical use PLC dual loop control
- With oil pressure, oil level, fault detection, a variety of action chains.
- Finite element analysis of key components.
- Optional before or after the moving side of the bolster, air cushion, special vibration isolator, quick die changing device, photoelectric protection device, rigid material and so on.
- 离合器制动器采用低惯量气动离合器制动器，进口双联安全阀控制；
- 滑块采用液压过载保护装置，进口泵阀控制；
- 装模高度机动调节，数字显示；
- 采用稀油循环润滑与浓油间隙润滑方式，带高低油位检测，高油压检测，定时、定点、定量润滑；
- 液压、气动、电气控制元件采用优质名牌产品；
- 电气采用PLC双回路控制；
- 带油压、油位、故障检测，各种动作连锁；
- 关键零件采用有限元分析；
- 可选配前后或侧移移动工作台、气垫、专用隔振器、快速换模装置、光电保护、刚性打料等；

标准配置 Standard configuration

- | | | |
|---|----------------------------------|---------------------------|
| > 油压式过载保护装置 | > 维修文字知识功能 | > 预载计数器 |
| > 电动式自动润滑装置 | > 空气源插座 | > 预调计数器 |
| > 电动式滑块调整装置 | > 空气吹料装置 | > 电源插座 |
| > 电动式模高指示器 | > 二度落保护装置 | > 独立式控制箱 |
| > 滑块及模具平衡装置 | > 变频调速马达 | > T型移动式操作台 |
| > 电子凸轮控制显示器 | > 误送检知装置 | > 基础板和螺栓 |
| > 离合性能读出监控装置 | > 主马达逆转装置 | > 维护工具及工具箱 |
| > 静态SPM显示功能 | > 电子式行程计算器 | > 使用说明书 |
| > Hydraulic overload protection device | > I repair instructions function | > Pre cut counter |
| > Automatic lubricating device | > Air source plug base | > Preset counter |
| > Electric slide adjusting device | > Air blowing device | > Power socket |
| > Electric die height indicator | > Over run protection device | > Independent control box |
| > Slide and die balancing device | > The frequency control motor | > Type operating platform |
| > Electronic cam control display | > Misfeed detecting device | > Base plate and the bolt |
| > I read from the brake performance monitoring device | > Mostcr fed-rev device | > Maintenance tool box |
| > Static SPM display function | > Strcke counter | > Operation manual |

Optional configuration 选择配置

- | | | |
|-------------------------------|-------------------------|----------------------------|
| > 气压式模垫顶料装置 | > 下死点检知器 | > 移动工作台 |
| > 光电式安全装置 | > 脚踏操作开关 | > 举模器、夹模器或移模器 |
| > 滑块上部顶料装置 | > 飞轮刹车装置 | > 自动送料系统 |
| > 模具照明装置 | > 安全挡块插销 | > 防震垫脚 |
| > Pneumatic die cushion | > B.D.C.Deterctor | > Moving bolster |
| > Photoelectric safety device | > When the fact snictd | > Quick die change system |
| > Slide knock-out devise | > Flywheel brake device | > Automatic feeding system |
| > Die lamp | > Safety block bolt | > Anti-vibration pads |

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。

技术参数 Technical parameters

项目名称			Item	单位	S2-400	S2-500	S2-630	S2-800	S2-1000	S2-1250	S2-1600
公称力			Nominal pressrue	kN	4000	5000	6300	8000	10000	1250	16000
公称力行程			Nominal pressrue stroke	mm	13	13	13	13	13	13	13
滑块行程			Slide stroke	mm	400	500	500	500	600	600	600
滑块行程次数			NO. of strokes per minute	s.p.m	12-18	10-16	10-16	10-16	10-16	10-16	10-16
最大装模高度			Max.die height	mm	800	800	1000	1000	1100	1100	1100
装模高度调节量			Die height adjustment	mm	350	350	500	500	500	600	600
导轨间距离			Distance between slide rails	mm	2870	3160	3670	4060	4070	4080	4580
工作台板尺寸	前后	F.B	Bolster dimension	mm	1600	1600	1600	1800	1800	1800	1800
	左右	L.R		mm	2800	3000	3600	4000	4000	4500	4500
	厚度	Thickness		mm	180	220	220	250	280	300	340
滑块底面尺寸	前后	F.B	Slide dimension	mm	1600	1600	1600	1800	1800	1800	1800
	左右	L.R		mm	2800	3000	3600	4000	4000	4500	4500
气垫	压紧力/退出力	Pressing force /Return force	Air cushion	kN	600	800	1000	1250	1250	1500	1500
	数量	Q'ty		pc	单顶冠	单顶冠	单顶冠	单顶冠	单顶冠	单顶冠	单顶冠
	行程	Stroke		mm	200	220	240	250	250	250	250
滑块打料(特配)	形式	Methods	Knocking out of Slide		刚性	刚性	刚性	刚性	刚性	刚性	刚性
	行程	Stroke		mm	150	150	150	150	150	150	150
移动工作台方式(特配)			Moving methods of bolster		-	-	-	前移	前移	前移	前移
主电机功率			Main motor power	kW	75	75	90	132	132	160	220
外形尺寸(约)	前后	F.B	Overall dimension	mm	4350	4900	4080	6870	7290	7500	8450
	左右	L.R		mm	5180	5770	5420	5530	5600	6000	6320
	地面以上高度	Height above Ground		mm	6980	7900	7980	8860	9600	10600	11000

S4 SERIES

Straight-side four point press

630T~1600Tons

S4系列闭式四点偏心压力机



- base column crossbeam and slide all use steel structure. Tighten together with tension bolts.
- The transmission adopts three - stage transmission, one stage belt drive, two - stage gear transmission. High speed stage double helical gear.
- The connecting rod is connected with the slide block by the guide pillar guide sleeve structure, Eight extra long guide rail.

- 底座、立柱、横梁、滑块采用全钢结构，用拉紧螺栓液压预紧在一起；
- 传动采用三级传动，一级皮带传动，两级齿轮传动。高速级采用人字齿轮；
- 连杆与滑块连接采用导柱导套结构，八面超长导轨导向；



性能特点 Performance feature

- The clutch brake adopts a low inertia pneumatic clutch brake, which is controlled by a double safety valve.
- The hydraulic pressure overload protection device is adopted for the slide block.
- The height of the mold is adjusted by the digital display
- Hydraulic, pneumatic, electrical control components using high-quality brand-name products
- Electrical use PLC dual loop control
- With oil pressure, oil level, fault detection, a variety of action chains.
- Finite element analysis of key components.
- Optional before or after the moving side of the bolster, air cushion, special vibration isolator, quick die changing device, photoelectric protection device, rigid material and so on.
- The method of thin oil circulating lubrication and concentrated oil clearance lubrication. With high and low level detection, high pressure detection, timing, fixed-point, quantitative lubrication.

- 离合器制动器采用低惯量气动离合器制动器，进口双联安全阀控制；
- 滑块采用液压过载保护装置，进口泵阀控制；
- 装模高度机动调节，数字显示；
- 采用稀油循环润滑与浓油间隙润滑方式，带高低油位检测，高油压检测，定时、定点、定量润滑；

- 液压、气动、电气控制元件采用优质名牌产品；
- 电气采用PLC双回路控制；
- 带油压、油位、故障检测，各种动作连锁；
- 关键零件采用有限元分析；
- 可选配前后或侧移移动工作台、气垫、专用隔振器、快速换模装置、光电保护、刚性打料等；

标准配置 Standard configuration

- > 油压式过载保护装置
- > 电动式自动润滑装置
- > 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
- > 电子凸轮控制显示器
- > 离刹性能读出监控装置
- > 静态SPM显示功能
- > 维修文字知识功能
- > 空气源插座
- > 空气吹料装置
- > 二度落保护装置
- > 变频调速马达
- > 误送检知装置
- > 主马达逆转装置
- > 电子式行程计算器
- > 预载计数器
- > 预调计数器
- > 电源插座
- > 独立式控制箱
- > T型移动式操作台
- > 基础板和螺栓
- > 维护工具及工具箱
- > 使用说明书
- > Hydraulic overload protection device
- > Electric automatic lubricating device
- > Electric slide adjusting device
- > Electric die height indicator
- > I slide and die balancing device
- > Electronic cam control display
- > Read from the brake performance monitoring device
- > Static SPM display function
- > Repair instructions function
- > The air source socket
- > Air blowing device
- > Two degree drop protection device
- > The frequency control motor
- > Detecting device
- > Main motor reversal device
- > Electronic trip counter
- > Pre cut counter
- > Preset counter
- > Power socket
- > Independent control box
- > Operating platform
- > Base plate and the bolt
- > Maintenance tool box
- > Operating instructions

选择配置 Optional configuration

- > 气压式模垫顶料装置
- > 光电式安全装置
- > 滑块上部顶料装置
- > 模具照明装置
- > 下死点检知器
- > 脚踏操作开关
- > 飞轮刹车装置
- > 安全挡块插销
- > 移动工作台
- > 举模器、夹模器或移模器
- > 自动送料系统
- > 防震垫脚
- > Pneumatic die cushion lifting device
- > A photoelectric safety device
- > Knock-out device
- > I die lighting device
- > I know death under inspection
- > The pedal operation switch
- > Flywheel brake device
- > Safety block bolt
- > Moving table
- > lift the mold, clamps the mold or die arm
- > Automatic feeding system
- > Lsolation mounts

技术参数 Technical parameters

项目名称	Item	单位	S4-630	S4-800	S4-1000	S4-1250	S4-1600	
公称力	Nominal pressrue	kN	6300	8000	10000	1250	16000	
公称力行程	Nominal pressrue stroke	mm	13	13	13	13	13	
滑块行程	Slide stroke	mm	700	700	700	700	700	
滑块行程次数	No of strokes per minute	s.p.m	10-16	10-16	10-16	10-16	10-16	
最大装模高度	Max.die height	mm	1100	1100	1200	1200	1200	
装模高度调节量	Die height adjustment	mm	500	500	600	600	600	
导轨间距离	Distance between slide rails	mm	4090	4120	4210	4610	4610	
工作台板尺寸	前后	FB	Bolster dimension					
	左右	LR	mm	2000	2000	2200	2200	2200
滑块底面尺寸	前后	FB	Slide dimension					
	左右	LR	mm	4000	4000	4000	4500	4500
气垫	压紧力/退出力	Pressing force/Return force	kN	1000	1500	1500	2000	2000
	数量	Q'ty	pc	单顶冠	单顶冠	单顶冠	单顶冠	单顶冠
	行程	Stroke	mm	0-200	0-250	0-250	0-250	0-250
移动工作台方式(特配)	Moving methods of bolster		前移	前移	前移	前移	前移	
主电机功率	Main motor power	kW	90	110	132	160	220	
地面以上高度	Height above ground	mm	8920	9500	9600	10600	11000	

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

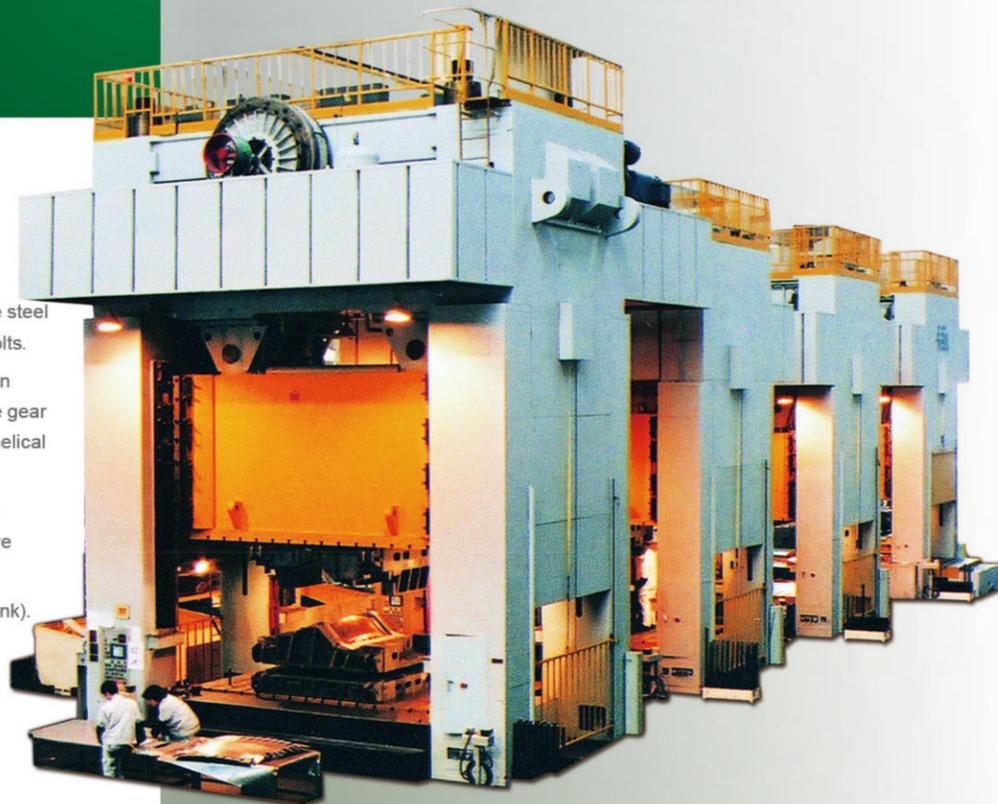
本公司随时进行研究改善的工作，因此本型录内所规定尺寸及设计特性，得以变更，不另行通知。

SL4 SERIES

Straight Column Type Four-points
eccentric press machine

500T~2400Tons

SL4系列闭式四点多连杆压力机



- Base column crossbeam and slide all use steel structure. Tighten together with tension bolts.
- The transmission adopts three-stage transmission, one stage belt drive, two-stage gear transmission. High speed stage double helical gear.
- The connecting rod is connected with the slide block by the guide pillar guide sleeve structure, Eight extra long guide rail.
- Multi link motion transmission(8link or 6link).

- 底座、立柱、横梁、滑块采用全钢结构，用拉紧螺栓液压预紧在一起。
- 传动采用三级传动，一级皮带传动，两级齿轮传动。高速级采用人字齿轮。
- 连杆与滑块连接采用导柱导套结构，八面超长
- 多连杆传动(八杆或六杆)。

性能特点 Performance feature

- The clutch brake adopts a low inertia pneumatic clutch brake, which is controlled by a double safety valve.
- The hydraulic pressure overload protection device is adopted for the slide block.
- The height of the mold is adjusted by the digital display
- Hydraulic, pneumatic, electrical control components using high-quality brand-name products
- Electrical use PLC dual loop control
- 离合器制动器采用低惯量气动离合器制动器，进口双联安全阀控制；
- 滑块采用液压过载保护装置，进口泵阀控制；
- 装模高度机动调节，数字显示；
- 采用稀油循环润滑与浓油间隙润滑方式，带高低油位检测，高压检测，定时、定点、定量润滑；
- With oil pressure, oil level, fault detection, a variety of action chains.
- Finite element analysis of key components.
- Optional before or after the moving side of the bolster, air cushion, special vibration isolator, quick die changing device, photoelectric protection device, rigid material and so on.
- The method of thin oil circulating lubrication and concentrated oil clearance lubrication. With high and low level detection, high pressure detection, timing, fixed-point, quantitative lubrication.
- 液压、气动、电气控制元件采用优质名牌产品；
- 电气采用PLC双回路控制；
- 带油压、油位、故障检测，各种动作连锁；
- 关键零件采用有限元分析；
- 可选配前后或侧移移动工作台、气垫、专用隔振器、快速换模装置、光电保护、刚性打料等；

标准配置 Standard configuration

- > 油压式过载保护装置
- > 电动式自动润滑装置
- > 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
- > 电子凸轮控制显示器
- > 离刹性能读出监控装置
- > 静态SPM显示功能
- > 维修文字知识功能
- > 空气源插座
- > 空气吹料装置
- > 二度落保护装置
- > 变频调速马达
- > 误送检知装置
- > 主马达逆转装置
- > 电子式行程计算器
- > 预载计数器
- > 预调计数器
- > 电源插座
- > 独立式控制箱
- > T型移动式操作台
- > 基础板和螺栓
- > 维护工具及工具箱
- > 使用说明书
- > Hydraulic overload protection device
- > Electric automatic lubricating device
- > Electric slide adjusting device
- > Electric die height indicator
- > Slide and die balancing device
- > Electronic cam control display
- > Read from the brake performance monitoring device
- > Static SPM display function
- > Repair instructions function
- > The air source socket
- > Air blowing device
- > Two degree drop protection device
- > The frequency control motor
- > Detecting device
- > Main motor reversal device
- > Electronic trip counter
- > Pre cut counter
- > Preset counter
- > Power socket
- > Independent control box
- > Operating platform
- > Base plate and the bolt
- > Maintenance tool box
- > Operating instructions

选择配置 Optional configuration

- > 气压式模垫顶料装置
- > 光电式安全装置
- > 滑块上部顶料装置
- > 模具照明装置
- > 下死点检知器
- > 脚踏操作开关
- > 飞轮刹车装置
- > 安全挡块插销
- > 移动工作台
- > 举模器、夹模器或移模器
- > 自动送料系统
- > 防震垫脚
- > Pneumatic die cushion lifting device
- > A photoelectric safety device
- > Knock-out device
- > I die lighting device
- > I know death under inspection
- > The pedal operation switch
- > Flywheel brake device
- > Safety block bolt
- > Moving table
- > lift the mold, clamps the mold or die arm
- > Automatic feeding system
- > Lsolation mounts

技术参数 Technical parameters

项目名称	Item	单位	SL4-500	SL4-600	SL4-800	SL4-1000	SL4-1200	SL4-1400	SL4-1600	SL4-1800	SL4-2000	SL4-2400
公称力	Nominal pressure	kN	5000	6000	8000	10000	12000	14000	16000	18000	20000	24000
公称力行程	Nominal pressure stroke	mm	13	13	13	13	13	13	13	13	13	13
滑块行程	Slide stroke	mm	750	800	800	800	800	1000	1000	1000	1000	1000
滑块行程次数	No of strokes per minute	s.p.m	8-18	8-18	8-18	8-18	8-18	8-18	8-18	8-18	8-18	8-18
最大装模高度	Max. die height	mm	1200	1200	1400	1400	1400	1500	1500	1500	1500	1500
装模高度调节量	Die height adjustment	mm	500	500	500	500	600	600	600	600	800	800
工作台板尺寸	前后 F.B	Bolster dimension	mm	2000	2000	2200	2200	2200	2500	2500	2500	2500
	左右 L.R		mm	4000	4000	4000	4500	4500	4600	4600	4600	5000
滑块底面尺寸	前后 F.B	Slide dimension	mm	2000	2000	2200	2200	2200	2500	2500	2500	2500
	左右 L.R		mm	4000	4000	4000	4500	4500	4600	4600	4600	5000
气垫	压紧力/退出力	Air cushion	kN	1200	1500	2000	2000	3500	3500	3000	3000	4500
	数量		pc	单顶冠	单顶冠	单顶冠	单顶冠	单顶冠	单顶冠	单顶冠	单顶冠	单顶冠
	行程		mm	0-300	0-250	0-300	0-300	0-300	0-300	0-300	0-300	0-300
移动工作台方式(特配)	Moving methods of bolster		↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
地面以上高度	Height above ground	mm	≤10000	≤10000	≤11000	≤11000	≤11000	≤11000	≤11000	≤11000	≤12000	≤12000

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。

部分工程案例 PART OF ENGINEERING PROJECTS



Precision

15-2500Tons

时间见证成长 实力铸就品牌

Time witnesses growth, strength makes brand

