



APM SERIES

closedtype double crank precision press machine

閉式雙曲軸精密衝床

Standard Unit

標準裝置

- Standard operating system of AOMATE: Electronic crank angle led display, Electronic speed led display
- Operation Mode Selection: Off/inching/safety one stroke/continuous
- Hydraulic overload protector
- Main motor (adjustable)
- Overrun detector
- Portable 2-hand push
- Dual solenoid valve
- Automatic slide adjust device
- Digital die height indicator (unit 0.1mm)
- Manual lubrication system
- Total counter, 6 digits
- Preset counter, 6 digits
- Maintenance counter, 6 digits
- Life counter, 6 digits
- Electronic rotary cam switch (6 spare channel)
- Air ejector 1/2 " one channel
- Air source receptacle 1/2 " two channel
- Missfeed detection circuit
- Power Receptacle (available only for single phase, 110V power source wiring by user)



160-600T



- The machine body is welded of quality steel sheet and treated by tension elimination, improve stability and reliability of precision of the machine.
- 機身採用優質鋼板焊制，經過消除應力工藝處理。提高了整機精度的穩定性和可靠性。

- 澳瑪特標準操作系統：
電子式曲軸角度指示器、電子式運轉速度指示器
- 運轉模式選擇：
切/寸動/安全一行程/連續
- 油壓過負荷保護裝置

- 主電機(可調速)
- 二度落保護裝置
- T型雙手按鈕操作臺
- 雙聯電磁閥
- 電動滑塊調整裝置
- 數字式模高指示器(單位0.1mm)

- 手動黃油潤滑裝置
- 累計計數器6位數
- 預調計數器6位數
- 保養計數器6位數
- 壽命計數器6位數
- 電子式旋轉凸輪開關預備6連

- 噴風裝置1/2 " 一回路
- 空氣源接頭1/2 " 二回路
- 誤送檢知插座
- 電源插座
(僅適用單相110V電源)

- In order to guarantee the machine running in stable and smooth, adopts the design of symmetrical two slid boards with balancer.
- 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.
- Reasonable structural design, is convenient for automatic production and line production.

- Used reliable high intensity clutch/brake and twin electromagnetic valve, overloading protector can guarantee safe production all-around.
- Used high-grade alloy steel, double crank, wide work center with connection bar structure, the optimized design is suitable for large sizes and the mold bearing large impact loading as well as pressing of eccentric mold.
- Adopted closed electric loop circuit, have compatible with any automatic equipments.

Optional 選購項目

- Die cushion
- Vs motor
- Safety light curtain
- Slide knock-out device
- Main motor reversing circuit
- Foot switch
- Safety die block with plug
- Inverter
- Flywheel brake
- Quick mold replace mechanism

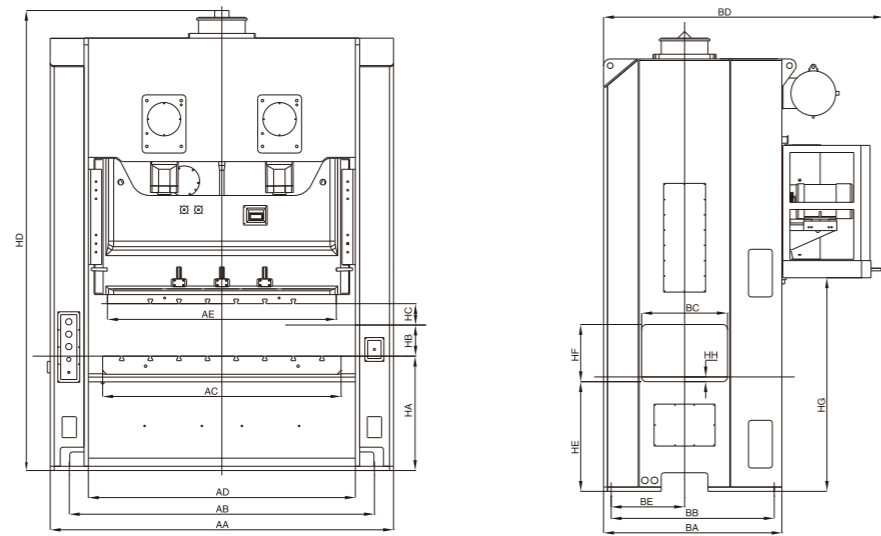
- Quick die change system
- Upper die clamber
- Die lifter
- Die arm
- Anchor bolts & foundation plates
- Automatic feed equipment
- NC straightener feed c/w uncoiler (3 in 1)
- NC roller feeder
- Staightener c/w uncoiler (2 in 1)
- Staightene

- 模墊裝置
- Vs變速馬達
- 光電安全裝置
- 滑塊上部頂料裝置
- 主馬達逆轉裝置
- 腳踏開關
- 安全擋塊及安全插銷
- 誤送檢知裝置
- 防震機械腳
- 快速換模裝置

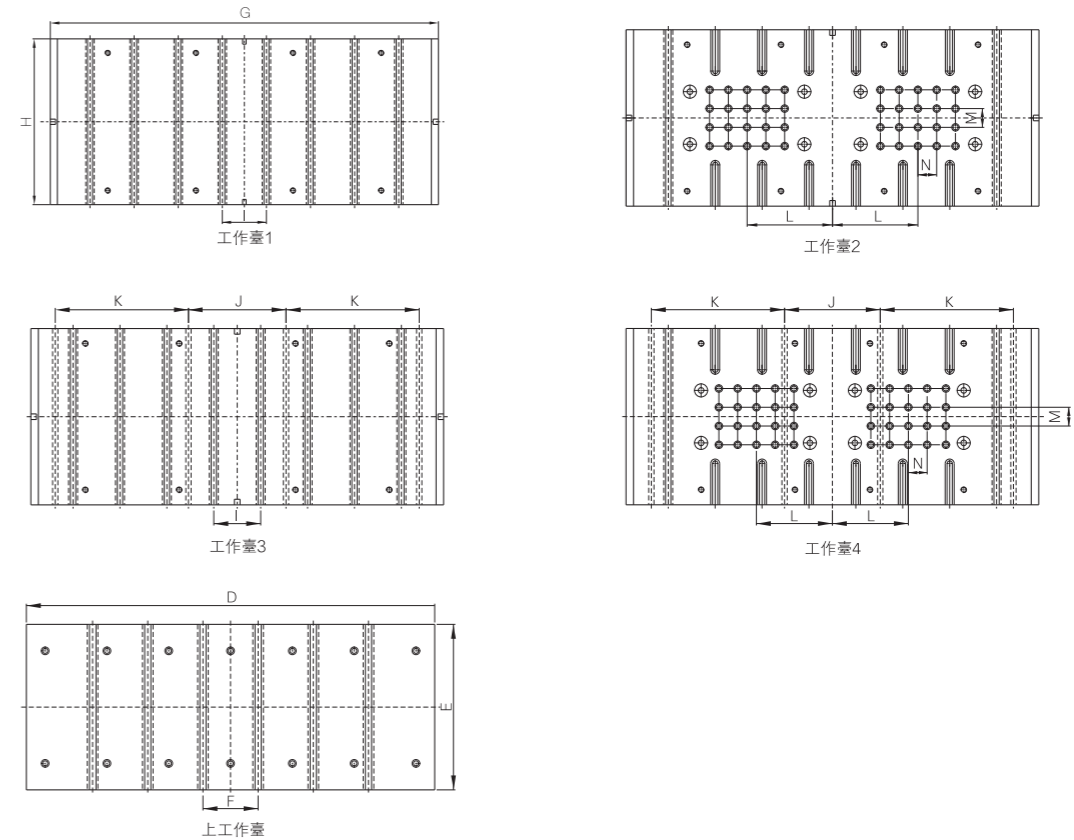
- 上夾模器
- 下夾模器
- 舉模器
- 移模臂
- 基礎螺絲及基礎板
- 自動送料裝置
- 三合一NC矯直送料機
- NC滾輪送料機
- 二合一料架兼矯直機
- 矯直機(整平機)

规格	Specification	单位	APM-110B		APM-160B		APM-200B		APM-250B		APM-300B		APM-400B		APM-500		APM-600	
型式	Model		S	H	S	H	S	H	S	H	S	H	S	H	S	H	S	H
噸數	Capacity	Ton	110		160		200		250		300		400	400	500	500	600	600
衝力發生位置	Rated tonnage point	mm	5	3	6	3	6	3	7	3	7	3	7	7	12	7	12	7
行程	Stroke	mm	180	110	180	130	250	150	280	170	300	170	300	300	350	300	350	300
每分鐘行程數	Stroke per minute	s.p.m	35-65	50-100	30-55	40-85	20-50	35-70	20-40	30-60	20-35	30-50	20-30	20-40	15-25	25-35	15-25	25-30
最大閉合工作高度	Die height	mm	400	435	450	400	500	450	550	450	550	450	550	550	600	600	600	600
滑塊調整量	Slide adjustment	mm	100		100		120		120		120		120	120	150	150	200	200
上工作臺尺寸	Slide area	mm	1400x500		1600x650		1850x750		2400x900		2400x900		2900x1000	2400x1000	3300x1100	2800x1100	3400x1300	2900x1300
下工作臺尺寸	Bolster area	mm	1600x650		1800x760		2200x940		2500x1000		2500x1000		3200x1100	2700x1100	3500x1200	3000x1200	3600x1400	3100x1400
側向開口	Side opening	mm	550x400		700x450		900x600		900x600		900x600		900x600	900x600	1000x800	1000x800	1000x800	1000x800
主電動機	Main motor	KwxP	11x4		15x4		18.5x4		22x4		30x4		37x4		55x4		75x4	
滑塊調整機構	Slide adjust device	KwxP	0.75x4		1x4		2x4		2x4		2x4		2x4		3.7x4		5x4	
使用空氣壓力	Air pressure	kg/cm ²	6		6		6		6		6		6		6		6	
衝床精度	Presses precision		GB/JIS 1class 一級															
衝床(長x寬x高)	Presses dimension	mm	2410x1900x3250		2309x2590x3682		2523x3000x3915		2799x3600x4583		2899x3600x4729		3129x3800x5257					

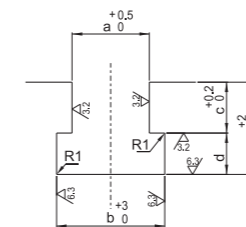
► Dimensions 外形尺寸



► Slide Bolster 上下工作臺

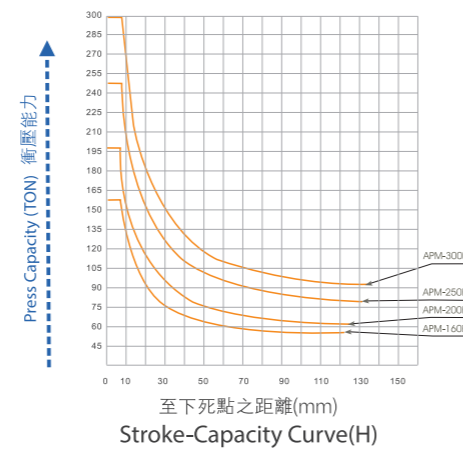
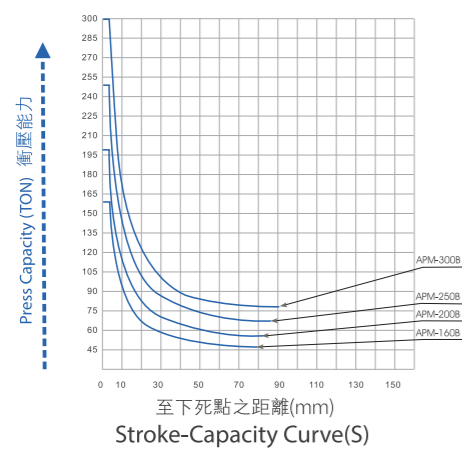


規格	APM-110B		APM-160B		APM-200B		APM-250B		APM-300B		APM-400B	
Model	S	H	S	H	S	H	S	H	S	H	大臺面S	小臺面S
AA	2410		2590		3000		3600		3600		4100	3700
AB	2060		2240		2650		3230		3200		3700	3300
AC	1600		1800		2200		2500		2500		3200	2700
AD	1700		1880		2290		2800		2800		3300	2900
AE	1400		1600		1850		2400		2400		2900	2400
BA	1216		1450		1600		1770		1870		2100	2100
BB	1036		1290		1440		1590		1710		1940	1940
BC	550		700		900		900		900		900	900
BD	1950		2410		2650		2890		2950		3300	3130
BE	410		490		620		670		770		770	770
HA	830		1000		1000		1080		1200		1200	1200
HB	400	435	450	400	500	450	550	450	550	450	550	550
HC	180	110	180	130	250	150	280	170	300	170	300	300
HD	3150	3115	3674	3674	3990	3890	4593	4450	4830	4460	4810	4800
HE	790		950		940		1050		1150		1150	1140
HF	400		450		600		600		600		600	600
HG	1435	1455	1863	1898	1990	1800	2055	1870	2240	2075	2415	2300



MODEL	A	B
a	22	28
b	37	48
c	24	28
d	16	20
R	1	1
e	40	48

► Graph 能力曲綫圖



	MODEL	APM-110	APM-160	APM-200	APM-250	APM-300	APM-400A	APM-400
上工作臺	D	1400	1600	1850	2400	2400	2900	2900
	E	500	650	750	900	900	1000	1000
	T型槽類型	A	A	B	B	B	B	B
	T型槽類型	4	6	6	8	6	8	10
下工作臺	F	250	250	250	300	300	300	300
	G	1600	1800	2200	2500	2500	2700	3200
	H	650	760	940	1000	1000	1100	1100
	T型槽類型	A	A	B	B	B	B	B
	T型槽類型	6	6	8	8	8	8	10
	I	250	250	250	300	300	300	300
	J	500	530	520	540	540	700	1200
	K	500	450	710	680	680	600	600
	L	450	415	455	510	510	510	510
	N	75	75	100	100	100	100	100
N	75	75	100	100	100	100	100	