



## APY SERIES

double crank precision press machine

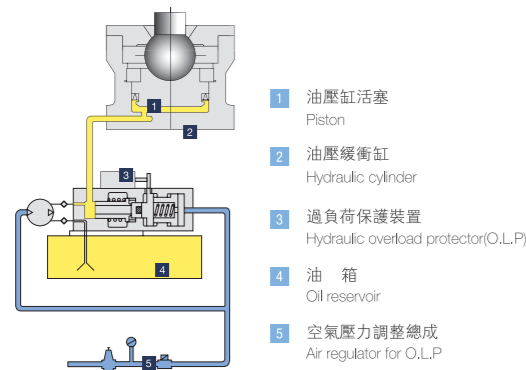
### 雙曲柄精密衝床

AMT Press international degree superb quality  
AMT · 衝壓/國際等級 先鋒品質

- The advance technical optimized structure of machine
- The machine body is welded high quality steel sheet and treated by tension elimination
- The key parts are treated by hard chrome plated/nitrogen
- Adopted well known controller/driving unit/electromagnetism clutch/equipments,bearing etc
- International technology class for press machine, measures machine specification
- 融合歐美、日本先進技術/機能結構  
CAE動態仿真優化設計
- 高剛性床身優質鋼仿形焊制或整體鑄造件回火 / 振動應力處理
- 齒輪、曲軸等主關零部件經鍍硬鉻/氮化 / 研磨高標準工藝處理
- 高性能控制器 / 驅動部件 / 電磁離合器 / 汽動元件、軸承等高端配置
- 國際衝壓設備技術等級，機器指標的測驗



100-1600T



When an overload occurs,the hydraulic overload protector stops the press immediately in order to protect the press and the die,whilst the oil inside the hydraulic cylinder returns to the oil reservoir. to reset the "overload"the slide is inched to top dead center and the hydraulic overload pump will automatically repressurize the overload protection system and bring the press back to operation ready status.in the event of jamming ,the problem can be solved by manually releasing the hydraulic pressure in hydraulic cylinder.

滑塊施力點，懸吊位置下設有油壓緩衝汽缸，當過負荷發生時，油壓缸內壓力瞬間降到零，同時衝床離合器脫離，并啓動剎車器，使滑塊停止運動，完成機器、模具保護動作。當過負荷狀況排除後，油缸泵浦會自動迅速補充油壓恢復原狀。當卡模現象發生時，可強制將油壓緩衝缸內之油壓泄除，卡模現象可順利解除。

### Robotization control system project on AMT · press(options)

- High quality & high response multi-function processor
- High memory / program with specialized design
- Shift driving with high integration multishaft / spreading automatic equipments
- LCD man-machine interface / high frequency response control /Connection terminalof international website & USB  
(Optional:DC shift driving / frequency shift driving / servo shift driving / closed loop / spreading capacity / LCD)

### AMT · 衝壓/數字控制系統方案(備選)

- 高響應多功能疊加擴容 / 高品質工控處理器
- 高內存級模塊 / 個性設計特許軟件編制
- 高兼容多軸向變速驅動 / 自動化裝備機載擴展
- 高智能人機界面 / 高頻響應實時控制 / 以太網&USB端口  
(個性備選—調速馬達驅動 / 變頻馬達驅動 / 伺服馬達驅動 / 閉環動態 / 控制擴展 / 示屏等級)

規 格	Specification	單位	APY-100	APY-150	APY-200	APY-260	APY-300	APY-400	APY-500	APY-600	APY-800	APY-1000	APY-1200	APY-1600		
噸 數	Capacity	Tons	100	150	200	260	300	400	500	600	800	1000	1200	1600		
能力發生位置	Rated tonnage point (above B.D.C)	mm	4	6	5	6	7	7	9	8	9	9	13	13		
行 程	Stroke length	mm	50	100	150	200	250	300	400	300	350	400	400	400		
每分鐘行程數	Stroke per minute	s.p.m	80-150	40-100	30-70	30-70	30-50	20-40	15-25	20-40	15-24	20-35	10-20	10-20		
最大閉合工作高度	Die height(S.D.A.U)	mm	300	400	450	500	550	650	700	650	700	700	900	1200		
最大上模重量 (空氣壓5kg/cm²)	Maximum counterbalancer capacity	kg	1000	800	2000	1500	2000	3200	4000	3500	4800	4000	5500	15000		
滑塊調整量	Slide adjustment	mm	80	125	125	150	150	150	150	200	250	250	300	300		
上工作臺尺寸	Slide area(L.R×F.B)	mm	1050×850	1500×800	1850×1100	1850×1100	2150×1200	2500×1300	3400×1300	3600×1400	4500×1600	5000×1600	5000×1800	5000×1800		
下工作臺尺寸	Bolster area (L.R×F.B)	mm	1200×950	1500×900	1800×1200	2000×1200	2150×1300	2500×1400	3000×1500	3600×1500	4500×1600	5000×1600	5000×1800	5000×1800		
臺盤厚度	Bolster thickness	mm	120	150	150	170	180	200	220	250	280	300	300	300		
側向開口	Slide opening	FB×H	300×300	400×400	550×450	600×500	650×600	650×600	700×700	750×700	1000×900	1000×1000	1200×1100	1200×1100		
工作面高度	Height of the top surface of bed from floor level	mm	850	950	950	950	950	950	950	1000	700	700	800	800		
工作能量	Work energy	kg-m	400	800	1200	2700	3100	3600	6000	6000	12000	18000	20000	28000		
主電動機	Main motor	KwxP	18.5x4	18.5x4	22x4	30x4	37x4	45x4	55x4	75x4	90x4	110x4	132x4	200x4		
滑塊調整馬達	Slide adjusting motor	KwxP	0.75x4	1.5x4	1.5x4	2.2x4	2.2x4	3.7x4	3.7x6	7.5x4	15x4	15x4	18.5	18.5		
臺身結構	Frame structure		一體式 one piece frame						三分割一體式 tie rod type/one piece frame			三分割 tie rod type				