



**OCP-i**

110i / 160i / 200i / 260i / 300i

# 通用伺服冲床 Universal SERVO Press



**GTX-i**

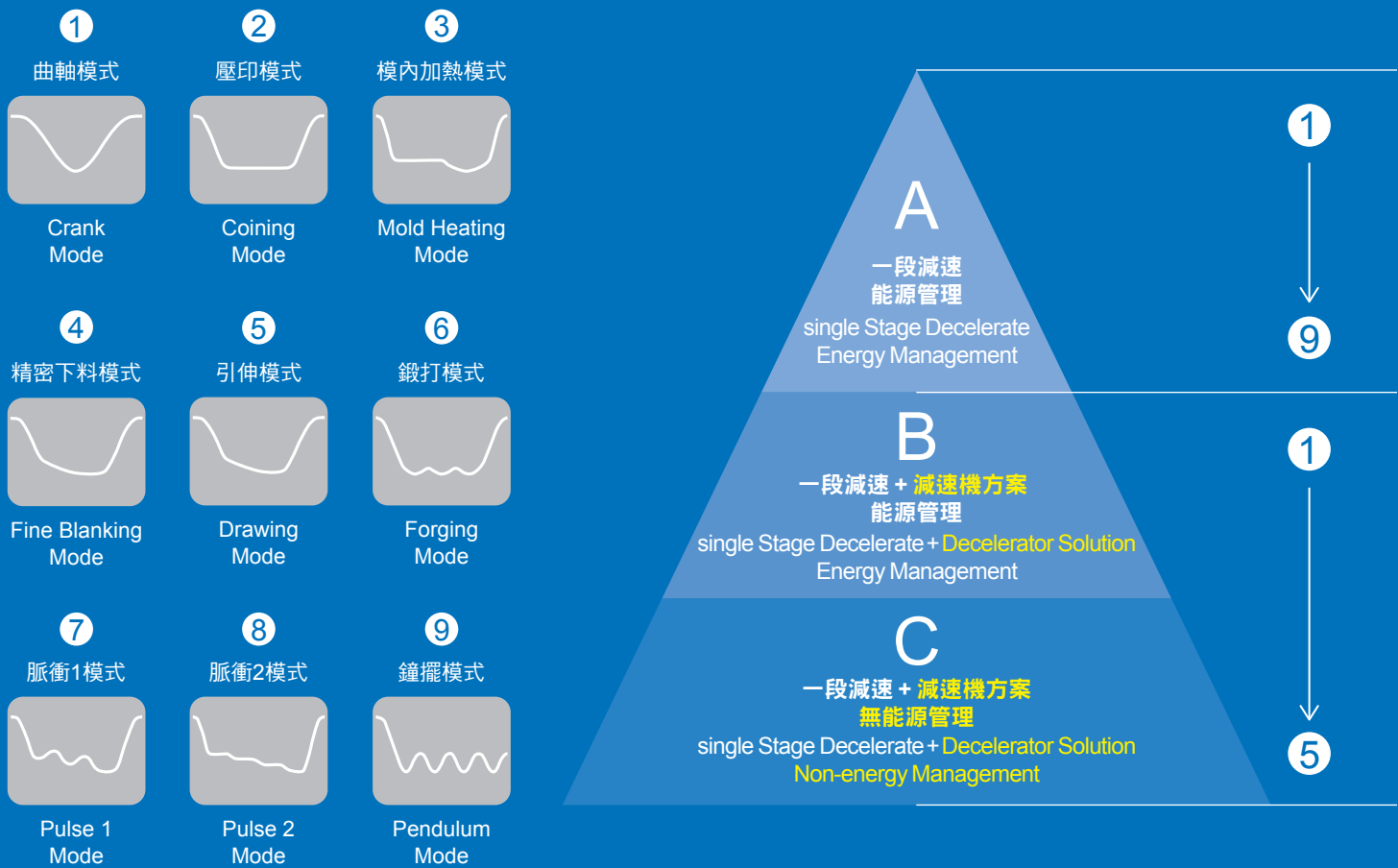
160i / 200i / 250i / 300i / 400i / 500i / 600i



**ST1-i**

110i / 160i / 200i / 260i / 300i

# 伺服沖壓加工曲線 Motion Curve of Servo Press Stamping

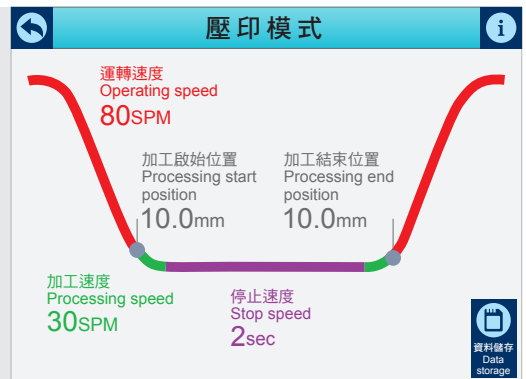


## 壓印模式 Coining Mode



克服壓印製程中，因成形深度淺時間短，材料反彈所造成的成形不明顯之缺點，提供工件充分的成形時間與持壓力，使工件完全成形後才脫離，適用於壓印製程工件。

To overcome the shortcomings of inconspicuous forming due to short forming and shallow forming depth for material spring back during the embossing process, it provides sufficient forming time and hold pressure for the workpiece. So that, the workpiece can be separated after it is completely formed. This application is suitable for the embossing process.

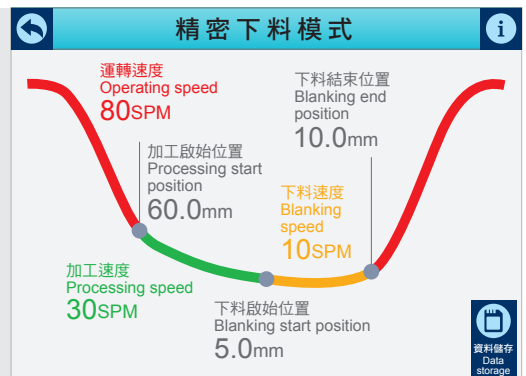


## 精密下料模式 Fine Blanking Mode



透過伺服系統改變馬達速度，達到“加工緩速成形，非加工區提昇速度”，兼顧加工品質與生產效率。

Change the motor speed with servo control system to form at low speed and pass the non-forming section at high speed so as to improve productivity with stable quality.

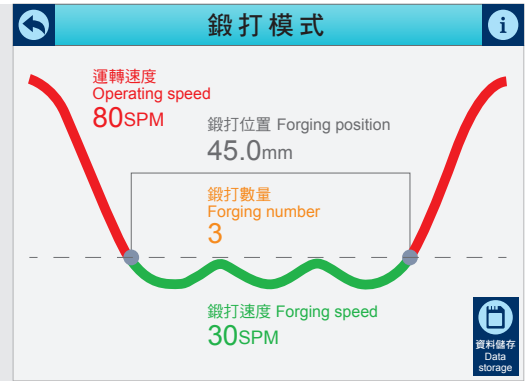


## 鍛打模式 Forging Mode



應用在高張力材料成形要求的作業條件下，利用來回多段的成形作業提高成形性及材料的穩定性，有效提高成形件精度且在沖裁加工中減少或去除毛刺的運動模式。

It can be applied under the operating conditions required for the forming of high-tension materials, the use of back and forth multi-stage forming operations can improve the formability and material stability, and also effectively improve the accuracy of the formed parts, reduce or remove burrs in the blanking process.

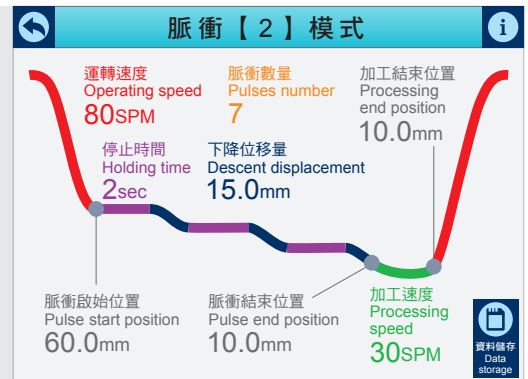
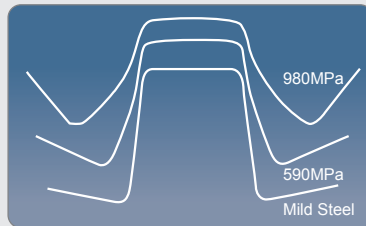
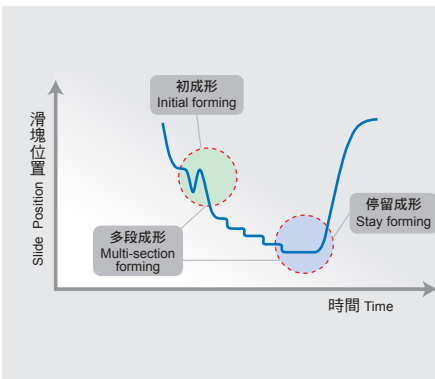
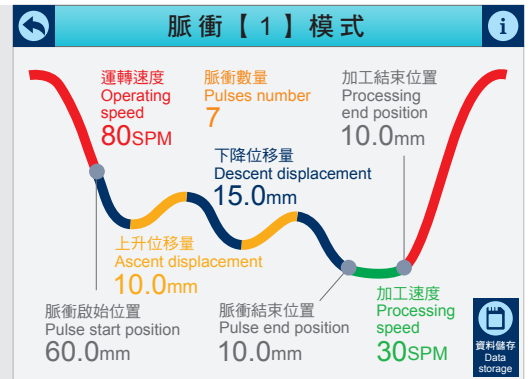


## 脈衝模式 Pulse Mode



透過反覆下降上升的動作曲線，可釋放每次加工造成之材料應力集中，並逐漸增加工件引伸深度，提升工件引伸率。

Through the repeated descending and rising motion curve, the stress concentration of the material can be released after each of processing. The depth of the workpiece can be gradually increased, and the extension rate of the workpiece can be improved.



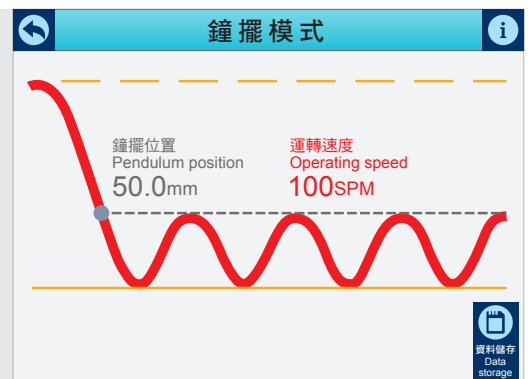
## 鐘擺模式 Pendulum Mode



鐘擺條件取決於滑塊高度與運動速度。Pendulum condition is based on the slide height and velocity.

搭配連續模進行成形大幅提升加工效率，減少非工作時的等待時間及電力的虛耗，適用於沖孔下料製程工件。

Forming with progressive molds can greatly improve processing efficiency, and it can reduce the waiting time during non-working hours and power consumption. This is suitable for punching and blanking process workpieces.



## iForming 智慧管理系統 Intelligent Forming Productivity Management System



# 智慧化、複合化、綠能化 Intelligent Composite Green

■ 多功能單機沖壓  
Multi-Function Single Press Stamping

■ 高效能、高精度、高整合性  
High Efficiency  
High Precision  
High Compatibility

■ 高張力鋼板沖鍛成形  
High Tension Steel Plate Forging Forming

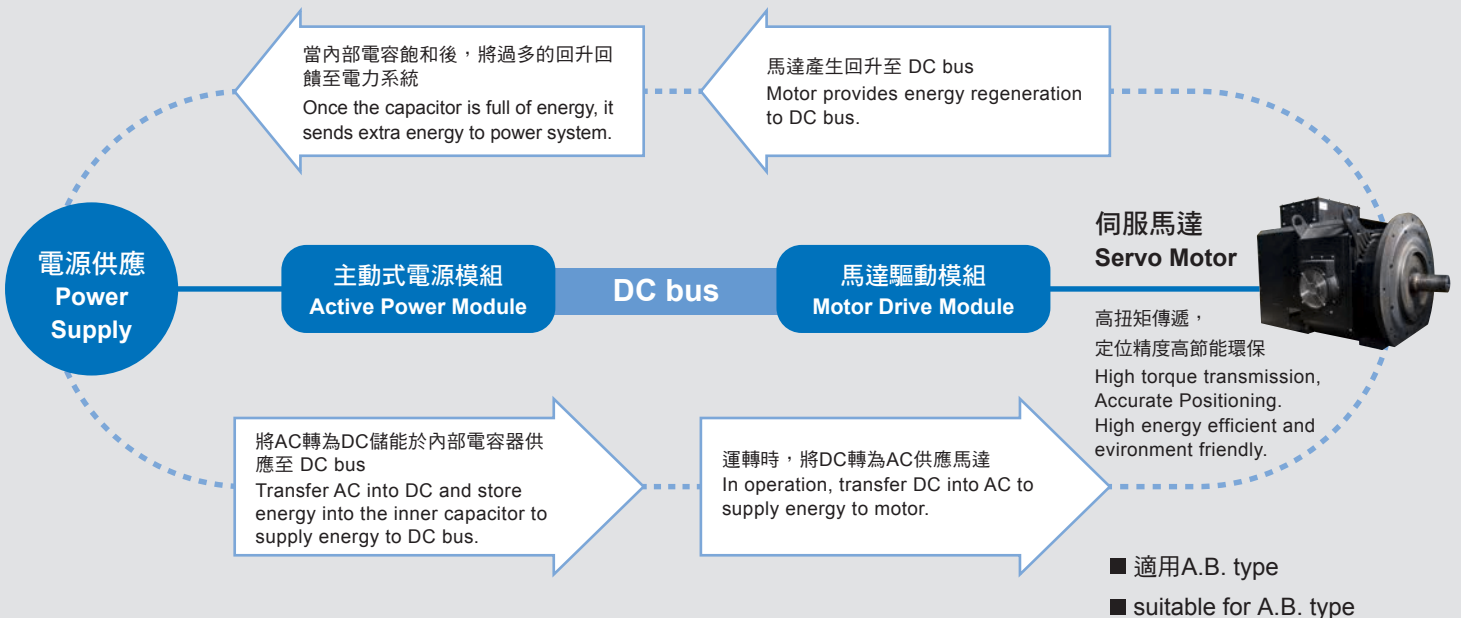
■ 伺服監控、監視系統  
Servo Control Monitor System

■ 節能環保  
Energy-efficient Environment-friendly

## 能源回饋 Energy Feedback

→ 伺服系統採用主動式電源模組，具有能源再生回饋能力。  
The servo system adopts an active power module with energy regeneration feedback capability.

→ 環保節能，能源再利用，善盡地球公民責任。  
Protecting environment and reusing energy are the responsibility of a global citizen.



## 可搭配行星減速機 Compatible with planetary reducer

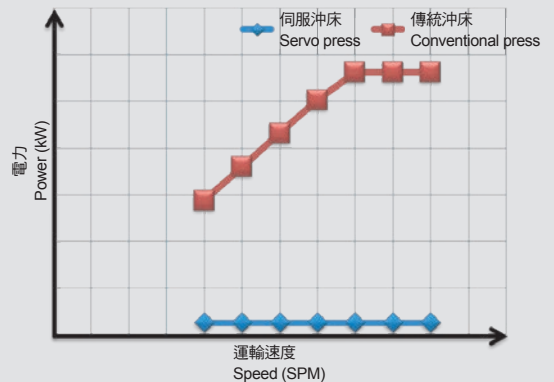
搭配行星減速機提高減速比，降低伺服馬達所需馬力，減少能源使用，降低成本。

Collocate with planetary reducer to enhance reduction ratio, reduce the power of servo motor, and reduce energy use and costs.



## 待機節能 Energy Saving in Idle Mode

伺服沖床的高效節能，沖床有作動才會耗能，伺服沖床的馬達雖然較大顆，但能量無需事先儲存，待機時馬達為靜止狀態，伺服馬達不需要一直提供機械旋轉能量。



Our servo press is featured high efficiency and energy saving because it only consumes energy when the press is activated. Although the motor of the servo press is larger, the energy does not need to be stored in advance. The motor is in a static state during standby, and the servo motor does not need to provide mechanical rotation energy all the time.

# OCP-i C-Frame Single Crank Intelligent Servo Press

— 110i / 160i / 200i / 260i / 300i

C  
型單曲軸  
智慧伺服沖床



## 規格 Specifications

機種	Model		OCP-110i	OCP-160i	OCP-200i	OCP-260i	OCP-300i
能力	Capacity	Tom	110	160	200	260	300
能力發生點	Rated Tonnage	mm	5	6	6	5	5
行程長	Stroke Length	mm	180	200	200	250	250
行程數 ★	Stroke Per Min.	S.P.M	1 ~ 65	1 ~ 50	1 ~ 50	1 ~ 40	1 ~ 40
最大模高	Die Height	mm	350	400	450	450	450
滑塊面積 (L.R. x F.B.)	Slide Area (L.R. x F.B.)	mm	650x520	700x580	850x650	920x700	920x700
台盤面積 (L.R. x F.B.)	Bolster Area (L.R. x F.B.)	mm	1150x680	1250x760	1400x820	1550x840	1550x840
台盤厚度	Bolster Thickness	mm	120	150	160	180	180
滑塊調整量	Slide Adjustment	mm	90	100	110	120	120
最大上模重	Max. Upper Die Weight	kg	450	540	800	800	800

★ 曲軸模式 Crank Mode

# ST1-**i** Straight Side Single Crank Intelligent Servo Press

— 110i / 160i / 200i / 260i / 300i

閉式單曲軸  
智慧伺服沖床



## 規格 Specifications

機種	Model		ST1-110i	ST1-160i	ST1-200i	ST1-260i	ST1-300i
能力	Capacity	Tom	110	160	200	260	300
能力發生點	Rated Tonnage	mm	5	6	6	5	5
行程長	Stroke Length	mm	180	200	200	250	250
行程數 ★	Stroke Per Min.	S.P.M	1~65	1~50	1~50	1~40	1~40
最大模高	Die Height	mm	350	400	450	450	450
滑塊面積 (L.R. x F.B.)	Slide Area (L.R. x F.B.)	mm	650x520	700x580	850x650	920x700	920x700
台盤面積 (L.R. x F.B.)	Bolster Area (L.R. x F.B.)	mm	1050x680	1200x760	1300x820	1400x840	1400x840
台盤厚度	Bolster Thickness	mm	120	150	160	180	180
滑塊調整量	Slide Adjustment	mm	90	100	110	120	120
最大上模重	Max. Upper Die Weight	kg	450	540	800	800	800
側面開口	Side opening	mm	550x500	600x560	700x610	750x660	750x660

★ 曲軸模式 Crank Mode

# GTX-i Straight Side Double Crank Intelligent Servo Press

— 160i / 200i / 250i / 300i / 400i / 500i / 600i

閉式雙曲軸  
智慧伺服沖床



## 規格 Specifications

機種	Model		GTX-160i	GTX-200i	GTX-250i	GTX-300i	GTX-400i	GTX-500i	GTX-600i
能力	Capacity	Tom	160	200	250	300	400	500	600
能力發生點	Rated Tonnage	mm	4	4	4	5	6	6	6
行程長	Stroke Length	mm	180	250	280	300	300	350	350
行程數 ★	Stroke Per Min.	S.P.M	1~55	1~50	1~40	1~40	1~40	1~30	1~30
最大模高	Die Height	mm	450	500	550	550	550	550	550
滑塊面積 (L.R. x F.B.)	Slide Area (L.R. x F.B.)	mm	1600x650	1850x750	2500x900	2500x900	2500x900	2500x900	2500x900
台盤面積 (L.R. x F.B.)	Bolster Area (L.R. x F.B.)	mm	1800x760	2200x940	2800x1000	2800x1000	2800x1000	2800x1000	2800x1000
台盤厚度	Bolster Thickness	mm	150	160	160	190	190	250	250
滑塊調整量	Slide Adjustment	mm	100	120	120	120	120	120	120
最大上模重	Max. Upper Die Weight	kg	1200	1500	2200	2400	2400	3000	3000
側面開口	Side opening	mm	700x450	900x600	900x600	900x600	900x600	900x450	900x450

★ 曲軸模式 Crank Mode

# 伺服化、複合化、綠能化

## Intelligent Composite Green

### 創新、服務、回饋



沖壓機械專業製造廠

### 金豐機器工業股份有限公司

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