

快速換模系統
QUICK DIE CHANGE SYSTEM

沖床
PRESS

油壓機
HYDRAULIC PRESS

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QUICK DIE CHANGE SYSTEM 快速換模系統

It's an era for making high frequency of die changing with multiple patterns and small quantity. In order to save die changing time and ensure operational safety, it is just in time to apply Quick Die Change System.

迎接少量多樣高頻率換模生產形態的時代，爭取換模時效、確保操作安全——正是導入快速換模系統的最佳時機。

APPLICATION

- PRESS & HYDRAULIC PRESS
- DIFFERENT AUTOMATIC MACHINE CLAMP SYSTEM

適用於

- 沖床、油壓機
- 各種自動化機台夾持系統

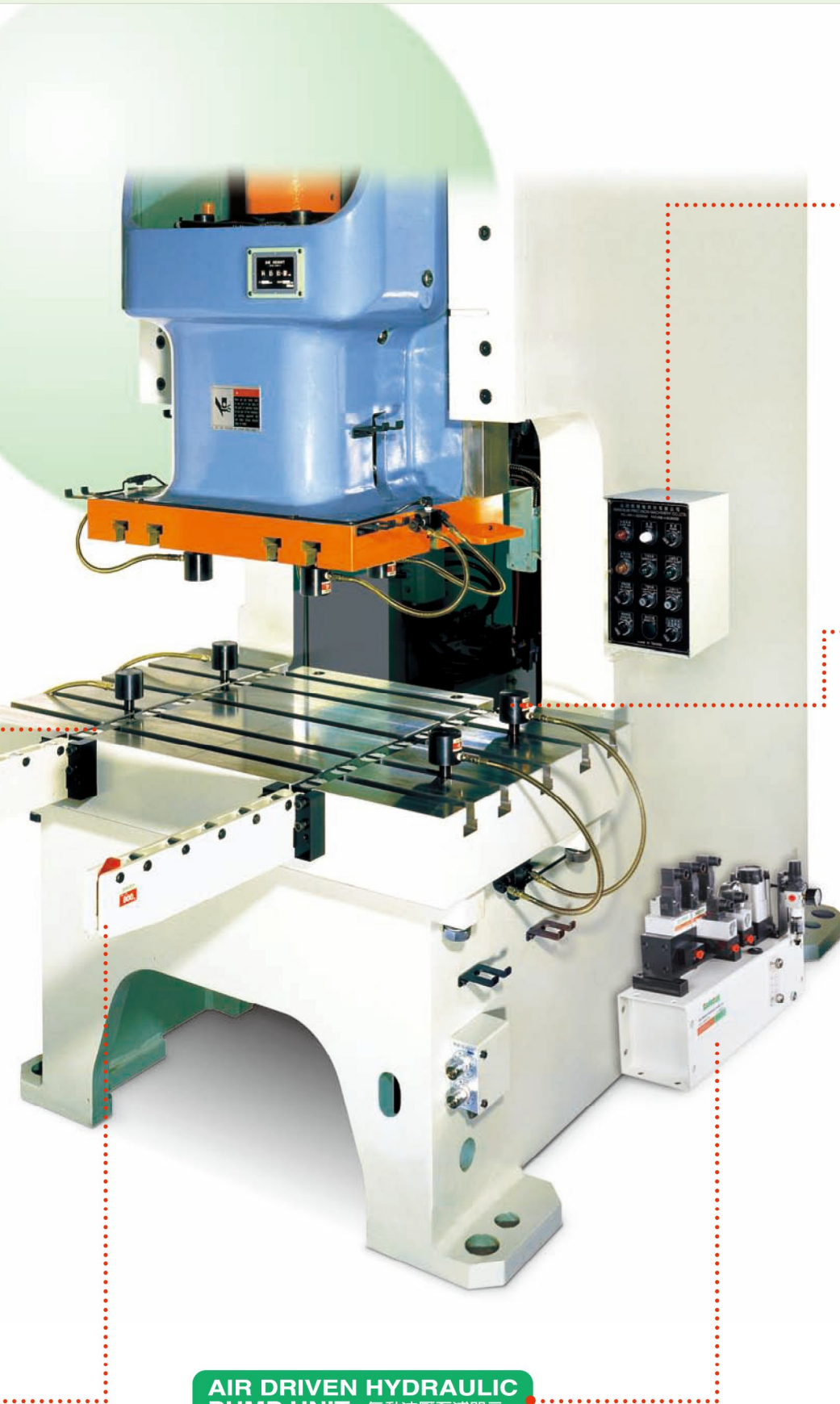
DIE LIFTER 舉模滑軌

- **Model:DL, DB**
 - 1. Hydraulic type
 - 2. Install in the T-slot or U-slot
- **Model:DS**
 - 1. Spring type
 - 2. Spread equally and install in the plate.
- **Model:DLS**
 - 1. Spring type
 - 2. Install in the T-slot or U-slot
- **DL、DB型**
 - 1. 油壓式
 - 2. 裝置於台盤T型槽或U槽
- **DS型**
 - 1. 彈簧式
 - 2. 平均分散於台盤上
- **DLS型**
 - 1. 彈簧式
 - 2. 裝置於台盤T型槽或U槽



DIE ARM 移模支臂

- Can pull out and push in the die from the plate easily.
- There are 4 easy operative ways for the storage when it is not used.
- 可使模具輕易從台盤拉出或推入。
- 不用時配合操作方便有四種存放方式供選擇。



ELECTRONIC CONTROL OPERATION PANEL 電控操作箱

- It is equipped with interlock control switch for connecting to the machine.
- It is designed with safety control device which prevents any operation error.
- 具有與機台連線控制開關。
- 具有防止錯誤操作之安全控制。

DIE CLAMP 夾具

- Replacing the traditional method which uses screws to fix dies.
- Using T-slots to lock or fix directly on the plate.
- 取代傳統用螺絲鎖模方式。
- 利用台盤T型槽鎖固或直接固定於台盤。

AIR DRIVEN HYDRAULIC PUMP UNIT 氣動油壓泵浦單元

- Capable of pressure inspection and interlocking with machines.
- The movements between each devices will be pinned down mutually in order to ensure operational safety.
- 具檢知功能可與機台連線。
- 各配備之間的動作亦可互相牽制，以確保最佳操作安全。



THE CHOICE OF AIR DRIVEN HYDRAULIC PUMP UNIT 氣動油壓泵浦單元之選定

NUMBER OF CIRCUIT 迴路數	CHOICE STANDARD 選用依據	CONTROL MODEL 控制型式
1	Single. For the operation of the die clamp on the upper or lower die. 單一供上模或下模夾具	NO
1	The operations of the upper and lower die clamps use the same circuit. 上下模夾具使用同一迴路	NO
1	Single. For the operation of the die lifter. 單一供舉模滑軌	NC
2	Separated circuit operation for upper and lower die clamps. 上下模夾具各自迴路分開	NO
2	The same circuit operation for upper and lower die clamps. 上下模夾具使用同一迴路 One circuit is for the operation of the die lifter. 一迴路供舉模滑軌	NO NC
3	Separated circuit operation for upper and lower die clamps. 上下模夾具各自迴路分開 One circuit is for the operation of the die lifter. 一迴路供舉模滑軌	NO NC

Please refer to Page 4 for the details. 詳述請參閱P4

THE CHOICE OF DIE CLAMP 夾具之選用

MODEL
選用型式

CA: The template with the U cuts
模板有U型溝
CB: The template with no the U cuts
模板無U型溝

Please refer to Pages 5~9 for the details.
詳述請參閱P5--P9

CHOICE STANDARD
選用依據

● Total clamping force which the machine needs(ΣF)
=machine capacity (tons) x15~20%

● The ratio of total clamping force is as follows:
upper die (ΣF_1)= ΣF x 60%
lower die (ΣF_2)= ΣF x 40%

● Each die clamping force (F)= $\frac{\Sigma F_1/2}{n}$ (tons)
(according to the die clamp quantity(n) for each upper and lower die.)

● 機台所需總夾力(ΣF)=機台能力（噸數）x15~20%

● 總夾力(ΣF)分配比率：
上模夾力(ΣF_1)= ΣF x 60%
下模夾力(ΣF_2)= ΣF x 40%

● 每只夾具力(F)：依上下模各使用夾具數(n)求得
 $F = \frac{\Sigma F_1/2}{n}$ （噸）

BOLT SIZE	M16	M18	M20	M24	M30	M38
Clamping force(ton)	1-3	2-4	4-6	6-10	8-15	15-20

Please refer to Pages 5~9 for the details.
詳述請參閱P5~P9

THE CHOICE OF DIE LIFTER 舉模滑軌之選用

MODEL 選用型式	CHOICE STANDARD 選用依據
DL / DB / DS / DLS	- The weight of dies and the operational request→ Model of die lifter. - The size of the plate→the length of the die lifter - The size of the T or U slot for installing the die lifter. 模具重量及使用需要→滑軌型式 台盤尺寸→滑軌長度 裝設滑軌之T、U形槽尺寸

Please refer to Pages 10~12 for the details.
詳述請參閱P10~P12

THE CHOICE OF DIE ARM 移模支臂之選定

MODEL 選用型式	CHOICE STANDARD 選用依據
RC / RD / RE / RF / RS	- The size of the die→the length of the arm - The weight of the die→the maximum capacity of the arm - The method of storage→the model of the arm 模具尺寸→支臂長度 模具重量→支臂最大荷重 收存方式→支臂型式

Please refer to Pages 13~16 for the details.
詳述請參閱P13~P16

AIR DRIVEN HYDRAULIC PUMP UNIT 氣動油壓泵浦單元

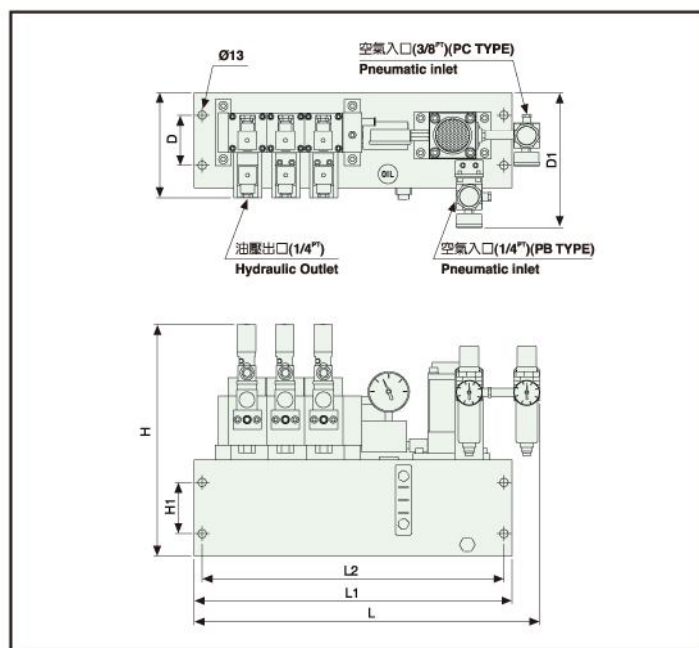
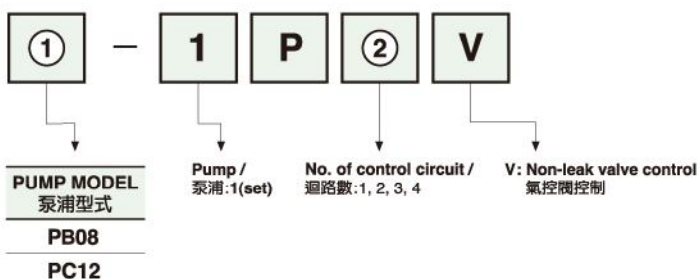
MODEL PB · PC



PB-1P1V

PB-1P3V

MODEL SELECTION 型式選定

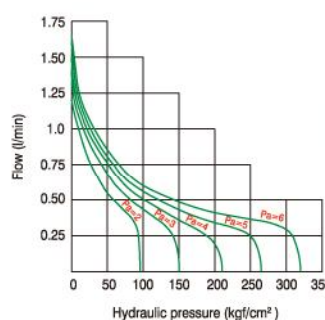


MODEL 型式	L	L1	L2	H	H1	D1	D
PB08-1P1V	-	378	353	367	80	235	80
PB08-1P2V	-	438	413	367	80	235	80
PB08-1P3V	-	498	473	367	80	235	80
PB08-1P4V	-	588	563	367	80	235	80
PC12-1P3V	560	-	473	367	80	-	80

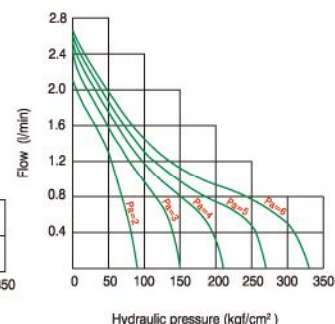
Assemble and install the two points of Model PB08 in the front, and Model PC12 on the right side.
註：PB08型二點組合裝於前方，PC12型裝於右側。

- The hydraulic pump is driven by air. Once the hydraulic pressure reaches the pressure setting, it stops pumping which is energy saving. Meanwhile, if the working pressure reduces, the pump would supply pressure automatically to keep working pressure continuously.
- The circuit control system is designed with the function of checking and avoiding oil leakage. If pneumatic pressure out, the hydraulic pressure still maintains.
- It is capable of pressure inspection and connecting to machines.
- It is suggested to adopt pump model PC12 when used with clamp model CA&CB-16 or 25.
- 利用空氣壓力驅動泵浦，出口油壓達設定壓力即停止作動不需繼續消耗能源，出口壓力下降則自動補壓，具持續保持該壓力功能。
- 迴路控制系統具逆止功能，空氣壓力消失時油壓壓力可保持。
- 具壓力檢知功能，可與機台連線。
- 使用CA及CB-16或25型夾具建議使用PC12型泵浦。

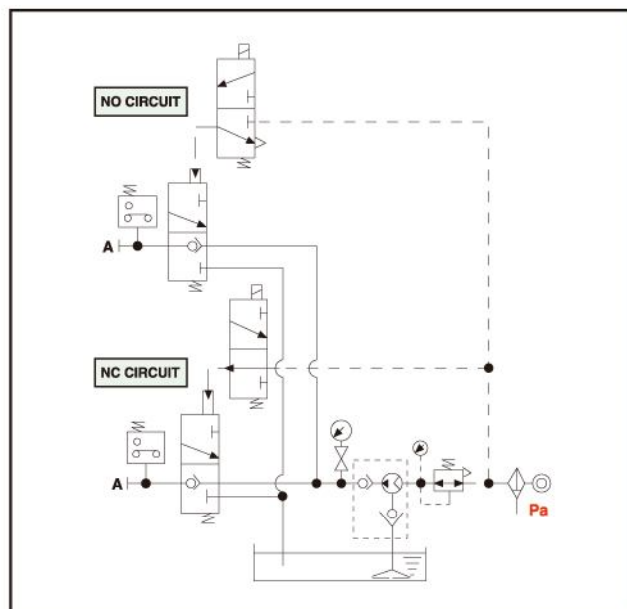
PB08



PC12



Pa : Pneumatic pressure 氣壓壓力



MODEL CA



CA



CA-B



CA-C

MODEL SELECTION 型式選定

CA — ① ②

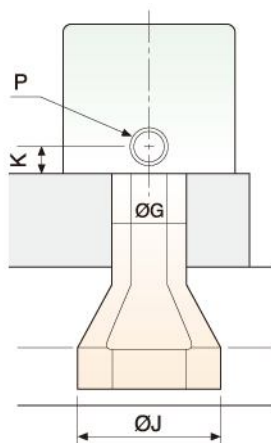
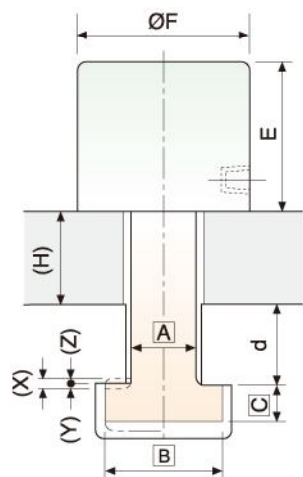
Capacity of clamp / 夾力: 1~25 (tons)

- **EMPTY**: Standard type
無標示: 標準式
- **C**: Pneumatic cylinder movable type
氣缸移動式
- **B**: Fixed type
固定式
- **V**: Temperature -resisting type
耐高溫式

Unit:mm

MODEL 型式	CA-1	CA-2	CA-4	CA-6	CA-10	CA-16	CA-25
Capacity of clamp 夾力 * tons	1	2	4	6	10	16	25
Total stroke (X) 總行程 (X) mm	6	8	8	8	8	8	8
Stroke of clamp (Y) 夾具行程 (Y) mm	3	4	4	4	4	4	4
Preserved stroke (Z) 預留行程 (Z) mm	3	4	4	4	4	4	4
Total volumn of cylinder 油缸總容量 cc	3	7	13	21	32	54	76
The tolerance of the template thickness (H) 模板厚度允許公差: H mm	±1.5	±2	±2	±2	±2	±2	±2

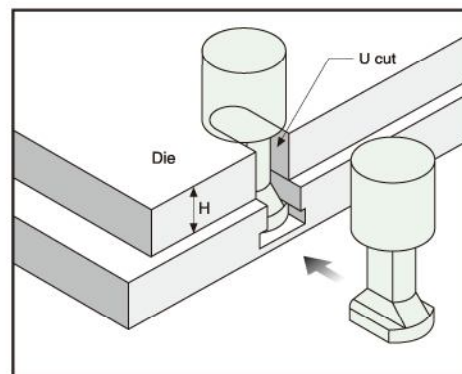
* Hydraulic pressure 使用油壓壓力: 250kgf/cm²



L: Template's length for clamp
夾具容許超出模板量

Unit:mm

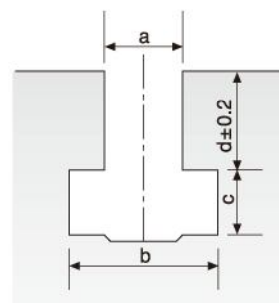
MODEL 型式	ØF	E	ØG	ØJ	max. H+d	max. L	min. a	K	P
CA-1	44	48	12	30	60	12	8	9.5	PT1/8
CA-2	53	52	16	48	80	17	12	12	
CA-4	65	58	23	58	90	20	16	15	
CA-6	82	65	30	64	100	25	18	15	PT1/4
CA-10	99	71	38	78	110	30	22	15	
CA-16	126	82	45	88	120	38	28	17	
CA-25	150	100	55	98	140	45	36	23	



- Please indicate the size of T slot(a,b,c,d) and the thickness(H) of the template for the die when purchasing.

- 訂購時請指明T槽尺寸(a,b,c,d)及夾模處模板厚度(H)

- T slot



- The sizes of clamps[A], [B] and [C] are made based on the size of T slot.

- If the thickness of clamp(H+d) is more than the max. value listed on the left, it will be regarded as special pattern.

- 夾具 [A][B][C] 尺寸係配合T槽尺寸製作
- 夾緊處厚度(H+d)處超出左述最大值, 屬特殊式樣。

CLAMP 夾具

MODEL CB



CB



CB-B



CB-C

MODEL SELECTION 型式選定

CB — ① ②

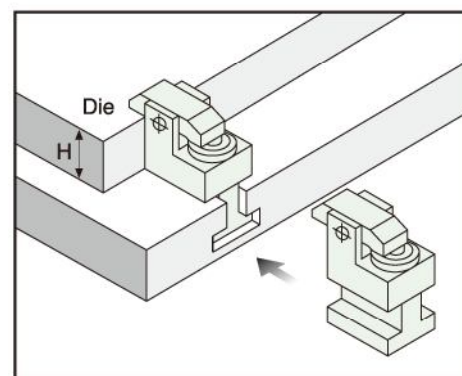
Capacity of clamp / 夾力: 1~25 (tons)

- **EMPTY**: Standard type
無標示: 標準式
- **C**: Pneumatic cylinder movable type
氣缸移動式
- **B**: Fixed type
固定式
- **V**: Temperature -resisting type
耐高溫式

Unit:mm

MODEL 型式		CB-1	CB-2	CB-4	CB-6	CB-10	CB-16	CB-25
Capacity of clamp 夾力	* tons	1	2	4	6	10	16	25
Total stroke (X) 總行程 (X)	mm	6	8	8	8	8	8	8
Stroke of clamp (Y) 夾具行程 (Y)	mm	2.5	3	3	3	3	3	3
Preserved stroke (Z) 預留行程 (Z)	mm	3.5	5	5	5	5	5	5
Total volumn of cylinder 油缸總容量	cc	3	7.5	13	21	38	55	98
The tolerance of the template thickness (H) 模板厚度允許公差: H	mm	±1.5	±2	±2	±2	±2	±2	±2

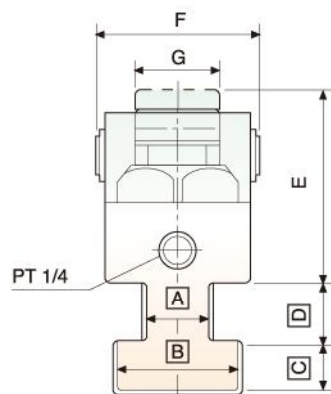
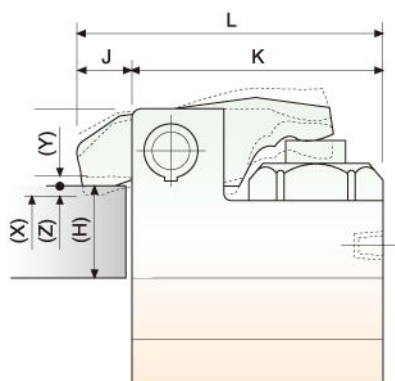
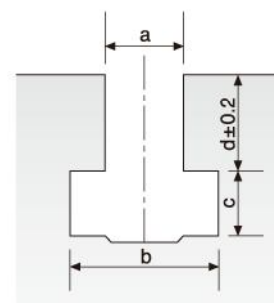
* Hydraulic pressure 使用油壓壓力: 250kgf/cm2



- Please indicate the size of T slot (a,b,c,d) and the thickness (H) of the template for the die when purchasing.

- 訂購時請指明T槽尺寸 (a,b,c,d) 及夾模處模板厚度 (H)

- T slot



Unit: mm

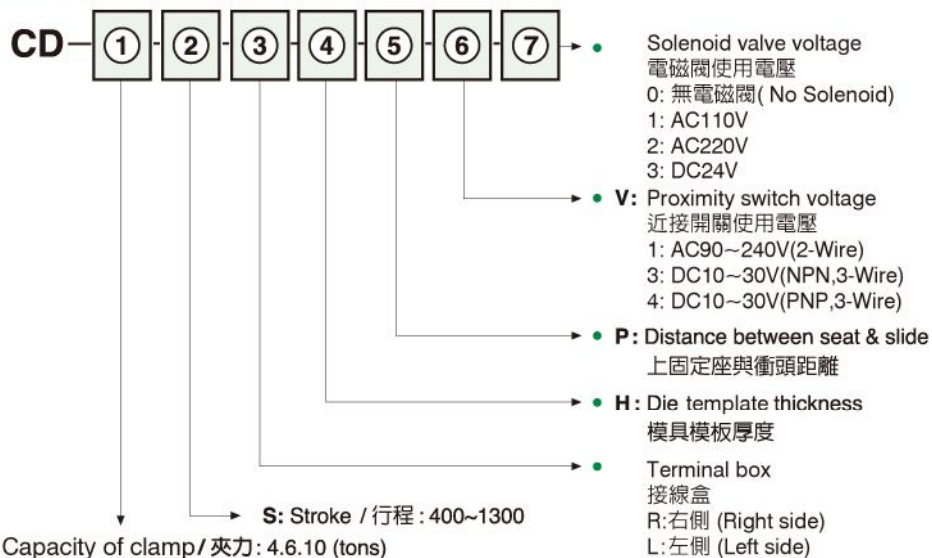
MODEL 型式	L	K	J	min.(H)	min. E	F	G	min. a	min. C	P
CB-1	74.5	60	14.5	25	42	44	20	10	6.5	PT1/8
CB-2	110	90	20	25	73	68	32	14	10	
CB-4	134	110	24	25	77	79	40	18	12	
CB-6	159	130	29	30	92	96	46	22	14	PT1/4
CB-10	189	159	30	40	114	117	54	24	16	
CB-16	230	200	30	40	126	129	58	28	20	
CB-25	265	235	30	45	148	156	70	36	23	

- The sizes of clamps A B C and D are made based on the size of T slot.

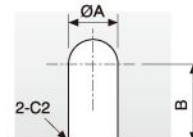
- 夾具 A B C D 尺寸係配合T槽尺寸製作

MODEL CD

MODEL SELECTION 型式選定

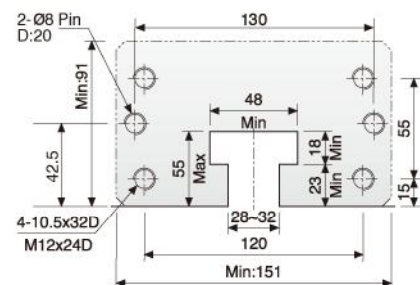


Processing dimensions for the die
模具加工尺寸

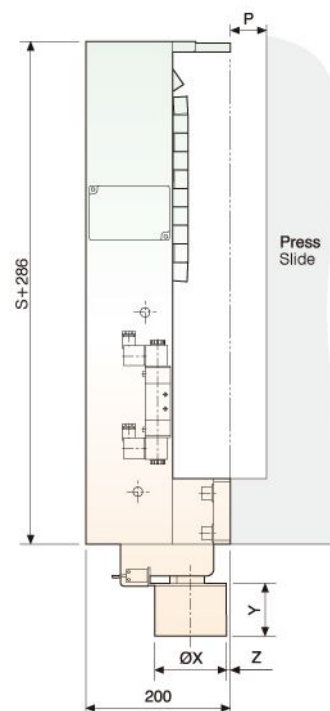
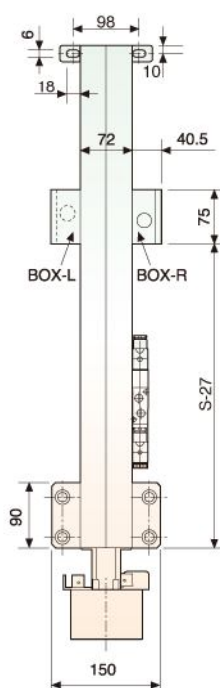
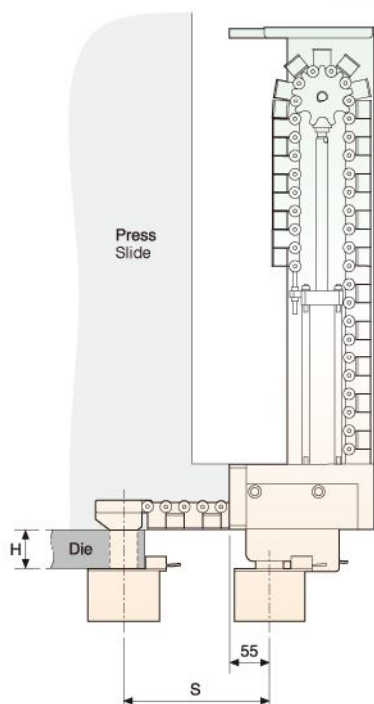


MODEL 型式		CD-4	CD-6	CD-10
Capacity of clamp / 夾力	tons	4	6	10
Pneumatic pressure / 氣壓壓力	kg/cm ²	4		
Hydraulic pressure / 油壓壓力	kg/cm ²	250		
Moving speed / 移動速度	m/min	2~6		
Total stroke / 夾具總行程	mm	8	8	8
ØX	mm	65	82	99
Y	mm	73	80	86
Z	mm	23	14.5	6
ØA	mm	28~32		
B	mm	29.5	35.5	43.5

Processing size for plate (T-slot)
台盤加工尺寸



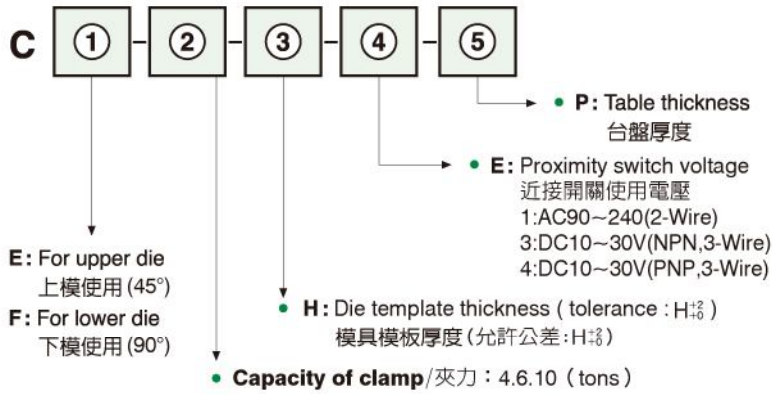
OUTLINE DIMENSIONS 外型尺寸



ROD SWING CLAMP 搖擺式夾具

MODEL CE · CF

MODEL SELECTION 型式選定

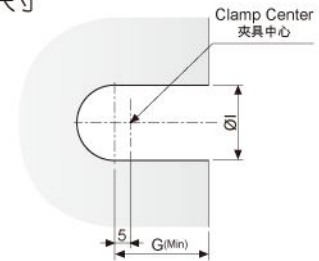


CE

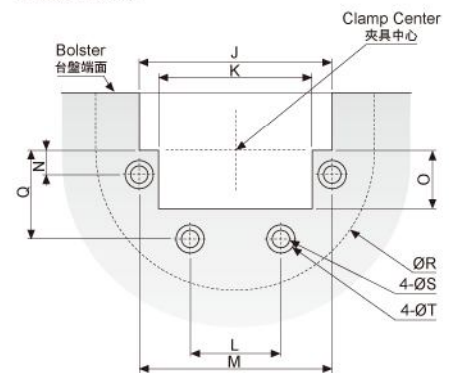


CF

- Processing dimensions for the die 模具加工尺寸



- Processing size for plate 台盤加工尺寸

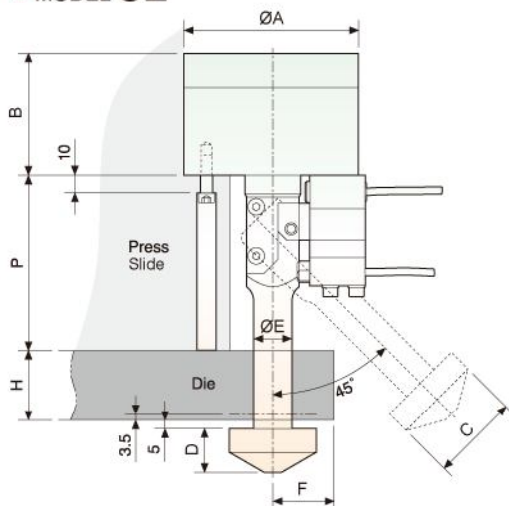


MODEL 型式	C□-04	C□-06	C□-10
Capacity of clamp 夾力 tons	4	6	10
Hydraulic pressure 油壓壓力 kg/cm²	250		
Pneumatic pressure 氣壓壓力 kg/cm²	3~5		
Total stroke of cylinder 油缸總行程 mm	19	19.5	24.5
Stroke of clamp 夾具行程 mm	5		
Preserved stroke 預留行程 mm	3.5		

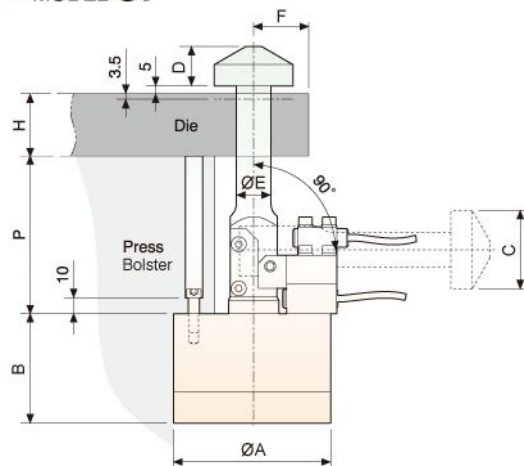
MODEL 型式	A	B	C	D	E	F	G	I	J	K	L	M	N	O	Q	R	S	T
C□-04	Ø102	70	Ø50	25	Ø22	25	30	Ø24	83	66	39	83	10.5	25	38	Ø120	Ø7	Ø12
C□-06	Ø125	73	Ø60	25	Ø28	30	35	Ø30	93	70	49	93	10.5	30	43	Ø145	Ø7	Ø12
C□-10	Ø145	93	Ø75	30	Ø34	37.5	43	Ø36	130	80	59	120	10.5	35	50	Ø165	Ø9	Ø16

OUTLINE DIMENSIONS 外型尺寸

• MODEL CE

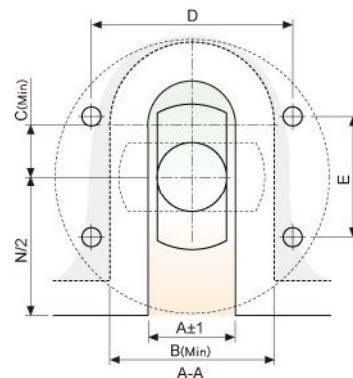
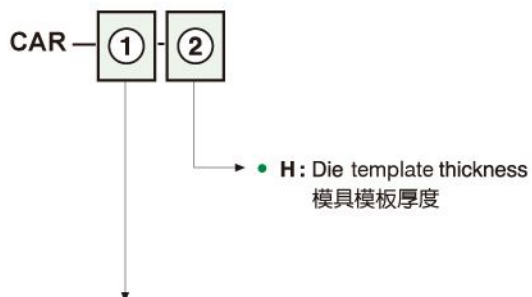


• MODEL CF



MODEL CAR

MODEL SELECTION 型式選定



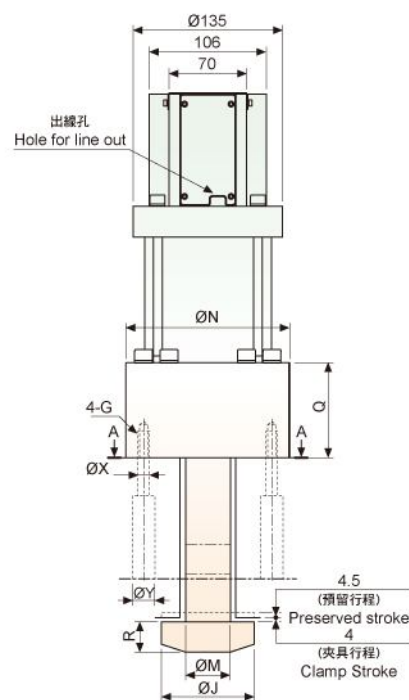
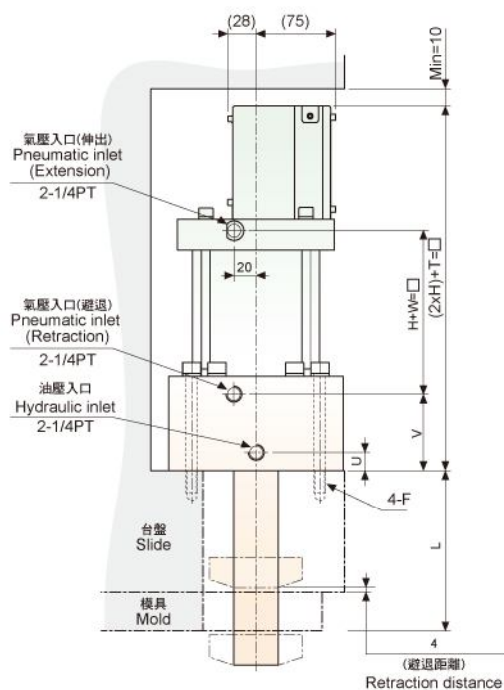
Capacity of clamp / 夾力 : 6.10.16.25 (tons)

MODEL 型式	A±1	B (Min)	C (Min)	D	E	F	G	J	M	ØN	Q	R	T	U	V	W	ØX	ØY
CAR-04	35	70	20	112	70	M8x16D	M10x20D	59	25	148	84	17	240	16	68	104	12	20
CAR-06	40	75	25	112	70	M8x16D	M10x20D	64	32	148	84	22	250	16	68	109	12	20
CAR-10	50	95	30	116	70	M8x16D	M10x20D	84	40	158	85	27	260	16	69	110	12	20
CAR-16	60	110	35	118	72	M10x20D	M12x24D	99	50	168	85	32	270	16	69	119	14	23

*Hydraulic pressure 使用油壓壓力 : 185kgf/cm²

*CAR-25 is customized product 為客製化產品

OUTLINE DIMENSIONS 外型尺寸



系列產品：舉上裝置，直拉夾持裝置
Series product : Hydraulic cylinder device, straight pull clamping device

如需要詳細資料，請連絡我們
Please contact with us once you need details.

DIE LIFTER (HYDRAULIC) 舉模滑軌 (油壓式)

MODEL DL - DB

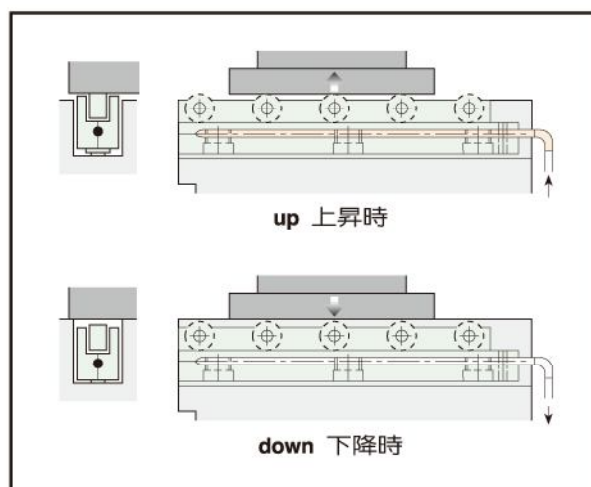


MODEL SELECTION 型式選定

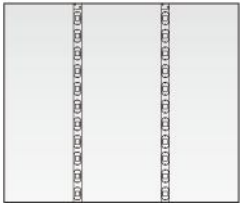
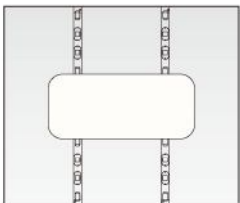
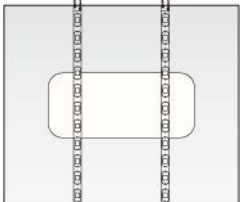
D ① ② - ③

	MODEL 型式	WIDTH OF LIFTER 滑軌寬度	LENGTH OF LIFTER 滑軌長度
L	Roller type 滾輪式	28 28 mm	200-1900
B	Ball type 滾珠式	50 50 mm	200-2500
		80 80 mm	500-2500

MODEL 型式	CAPACITY OF EACH CYLINDER 每只油壓缸舉力 (油壓250kgf/cm ² 時)	FULL STROKE 全行程	CAPACITY PER ROLLER(kgf) 每只滾輪容許荷重	
			SS41 模具材質	S45C 模具材質
D□28	0.44 ton	3 mm	80	140
D□50	1.1 ton	3 mm	200	350
DL80	2.8 ton	4 mm	460	800



DIE LIFTER MODEL TYPE 滑軌類型

MODEL 型式	APPLICATION 適用
STANDARD DIE LIFTER 標準式滑軌	 Application: normal platen and die lifter can be fixed with platen. 適用: 一般台盤且滑軌固定於台盤上
TWO STEPPED DIE LIFTER 兩段式滑軌	 Application: Platen with hole in the middle and die lifter can be fixed on platen. 適用: 台盤有下料孔且滑軌固定於台盤上
REMOVABLE DIE LIFTER 抽取式滑軌	 Application: Normal platen or platen with hole in the middle and die lifter is removable via quick connector. 適用: 一般台盤或是台盤有下料孔，滑軌經由快速接頭可輕易裝卸於台盤上

MODEL **DL · DB**



OUTLINE DIMENSIONS 外型尺寸	PROCESSING SIZE FOR PLATE (U-SLOT) 台盤加工尺寸
● D□28 SERIAL	
● D□50 SERIAL	
● D□50 SERIAL 用於 DL50-2100 以上的固定方式	
● D□80 SERIAL	

LENGTH OF LIFTER(mm) 滑軌全長	D□28系列			D□50系列			DL80系列	
	ROLLER(DL) 滾輪數	BALL(DB) 滾珠數	HYDRAULIC CYLINDER 油壓缸數	ROLLER(DL) 滾輪數	BALL(DB) 滾珠數	HYDRAULIC CYLINDER 油壓缸數	ROLLER(DL) 滾輪數	HYDRAULIC CYLINDER 油壓缸數
200	3	5		2	4			
300	5	7	2	3	6	2		
400	6	10		4	9			
500	8	12		5	11		5	
600	9	15	3	6	13	3	6	2
700	11	17		7	16		7	
800	12	20		8	18		8	3
900	14	22	4	9	20		9	
1000	15	25		10	23	4	10	
1100	16	27	5	11	25		11	4
1200	17	30		12	27		12	
1300	18	32		13	29	5	13	
1400	19	35	6	14	31		14	
1500	20	37		15	33		15	5
1600	22	40		16	35		16	
1700	24	42	7	17	38	6	17	
1800	25	45		18	40		18	6
1900	27	47	8	19	42		19	
2000				20	44		20	
2100				21	46	7	21	
2200				22	48		22	7
2300				23	50		23	
2400				24	52	8	24	
2500				25	54		25	8

● Any specific size is available based on the needs of the customers.
可依客戶使用需要製作特殊規格

DIE LIFTER (SPRING) 舉模滑軌 (彈簧式)

MODEL DS · DLS

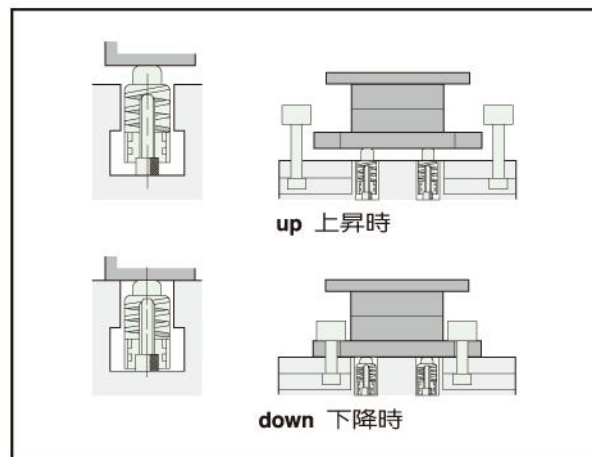
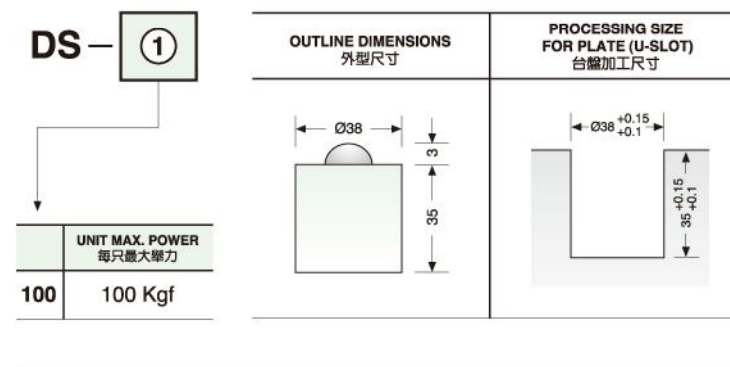


DS

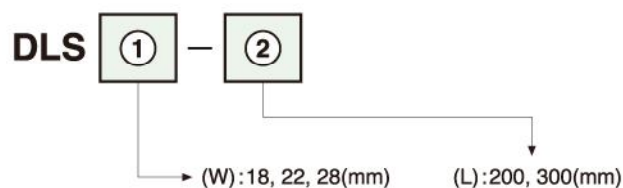


DLS

MODEL SELECTION 型式選定



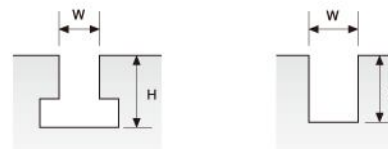
MODEL SELECTION 型式選定



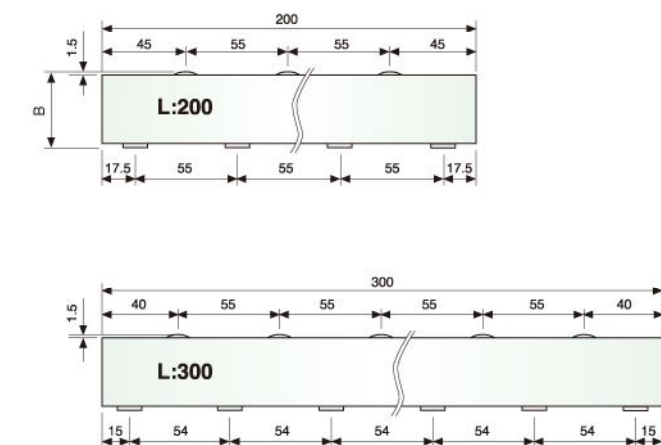
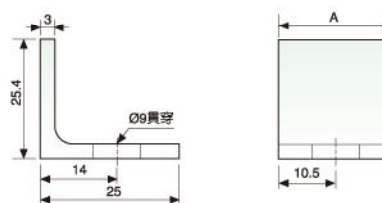
- Please clearly indicate: (1) the slot height
(2) the equipped length of every slot while ordering.
(3) quantity of end plate

訂購時請指明 (一) 溝槽高度(H)
(二) 每一溝槽裝配長度
(三) 固定端板數量

- T slot
- U slot



- End plate 固定端板



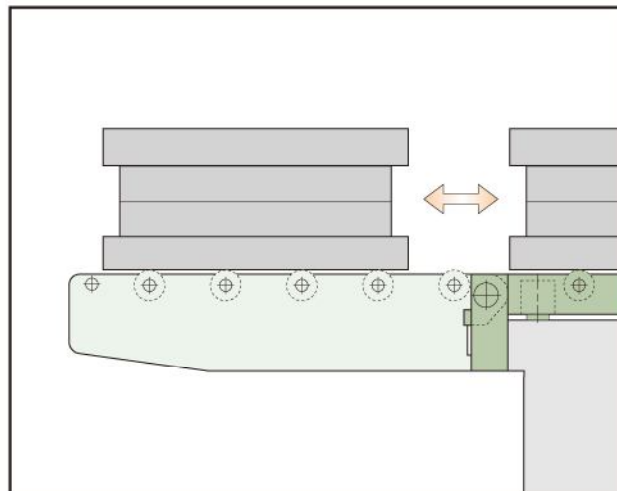
MODEL 型式		DLS18-200	DLS18-300	DLS22-200	DLS22-300	DLS28-200	DLS28-300
Unit power	每支舉力	150	225	150	225	300	450
Width of slot	溝槽寬度 (W)	18		22		28	
Height of slot	溝槽高度 (H)	32 ~ 37		33 ~ 43		44 ~ 58	
Number of roller	滾輪數	2	3		5	3	5
Number of spring	彈簧數	4	6	4	6	4	6
Width of plant	端板寬度 (A)	17		21			
Min. height of lifter	最小成品高度 (B)	32		32		43.5	

MODEL **RC · RD · RE · RF · RS**

MODEL SELECTION 型式選定

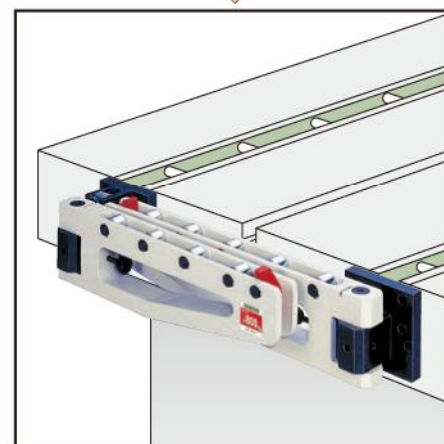
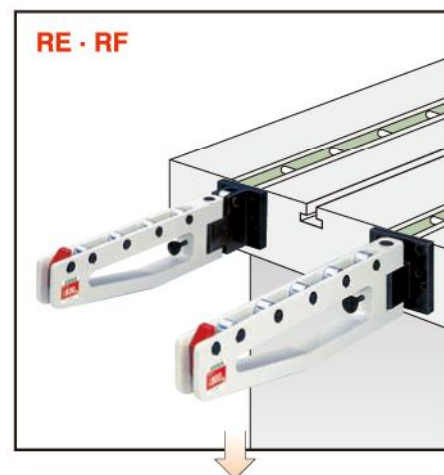
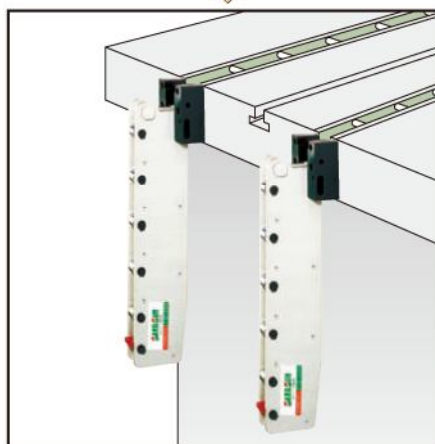
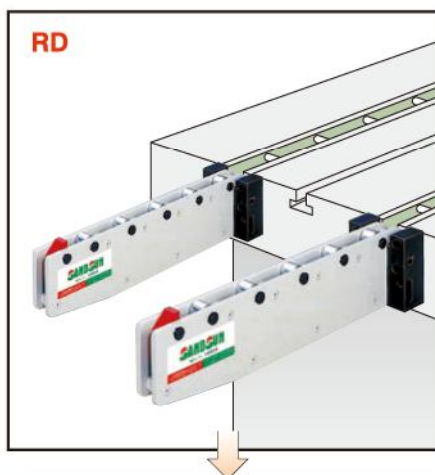
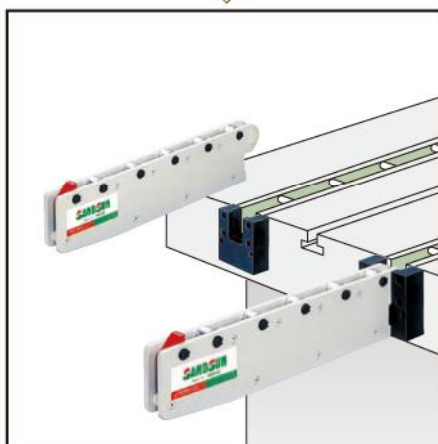
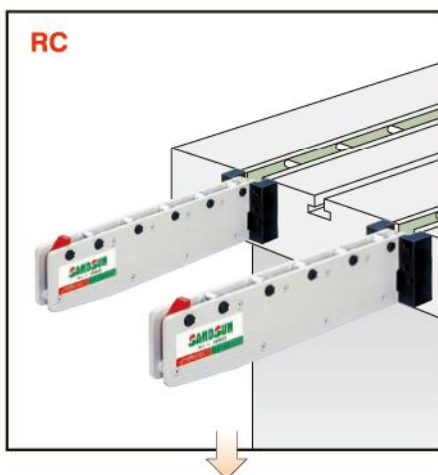
R ① — ②

MODEL 型式	STORAGE METHOD 存放方式	SPECIFICATION 規格
C	Dismantling 拆卸式	580
D	Hanging 折下式	760
E	Folding (short) 折疊式(短座)	880
F	Folding (long) 折疊式(長座)	990



- The support should be changed into lengthening (S) model when using die arm cooperated with two-stepped die lifter.
(Ex: RC-16→RC-16S, RC-16H→RC-16HS)

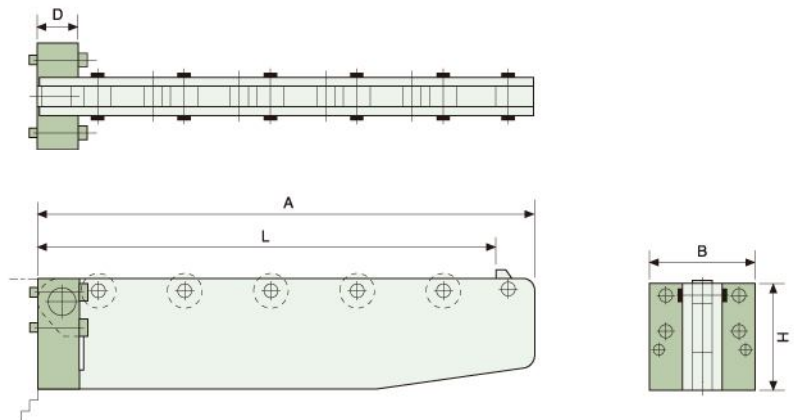
移模支臂配合二段式舉模滑軌使用時，固定座需改用加長(S)型，(例：RC-16→RC-16S, RC-16H→RC-16HS)



- Any specific model is available based on the needs of the customers.
特殊形式依實際需要另行訂製

DIE ARM 移模支臂

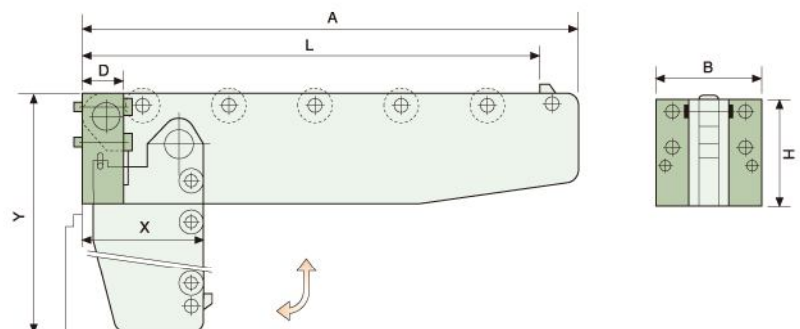
MODEL RC (DISMANTLING / 拆卸式)



- The arm itself and the support in Model RC can be used separately.
RC型支臂本體與固定座可分開個別使用

MODEL 型式	MODEL OF SUPPORT 固定座型式	LENGTH NEEDED OF THE DIE 模具使用長L(mm)	MAX. CAPACITY 最大荷重W(kgf)	TOTAL LENGTH 總長A(mm)	SIZE OF SUPPORT 固定座尺寸			HOLE PATTERN FOR INSTALLATION 安裝鉗孔尺寸形式	NUMBER OF ROLLER 滾輪個數
					D	B	H		
RC-580	RC-12	500	800	550	48	115	118	A Type	5
RC-760		700	600	750			158		7
RC-880	RC-16	800	800	850			188	B Type	8
RC-990	RC-20	900	900	950					9
RC-05125	RC-14H	500	1250	550	55	130	138	C Type	7
RC-05160	RC-16H		1600				158		
RC-05200	RC-18H		2000				178		
RC-07125	RC-14H	700	1250	750			138		9
RC-07160	RC-16H		1600				158		
RC-07200	RC-18H		2000				178		
RC-08125	RC-16H	800	1250	850			158		10
RC-08160	RC-18H		1600				178		
RC-08200	RC-20H		2000				188		
RC-09160	RC-22H	900	1600	950					

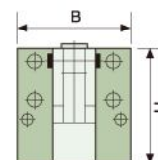
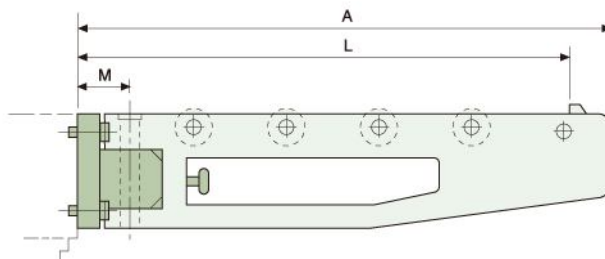
MODEL RD (HANGING / 折下式)



- The hanging length(Y) of Model RD should be less than the height between the plate and the ground.
選用RD型其折下之長度(Y)需小於台盤面距地面之高度

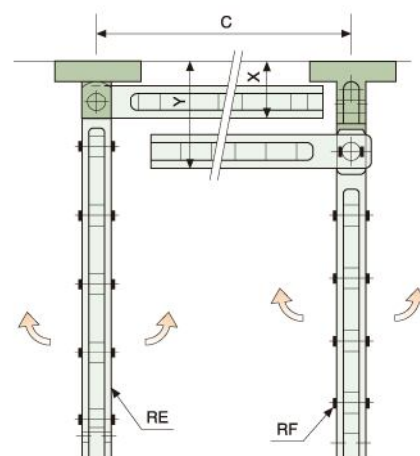
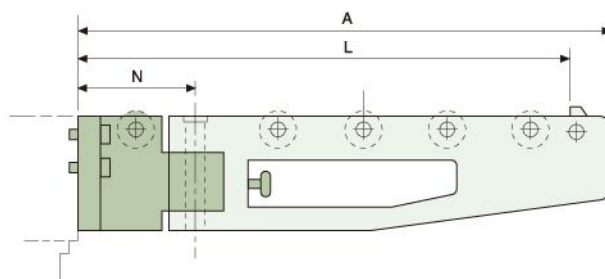
MODEL 型式	LENGTH NEEDED OF THE DIE 模具使用長L(mm)	MAX. CAPACITY 最大荷重W(kgf)	TOTAL LENGTH 總長A(mm)	SIZE OF HANGING 折下尺寸		SIZE OF SUPPORT 固定座尺寸			HOLE PATTERN FOR INSTALLATION 安裝鉗孔尺寸形式	NUMBER OF ROLLER 滾輪個數
				X	Y	D	B	H		
RD-580	500	800	550	140	620	52	115	118	A Type	5
RD-760	700	600	750		820			158		7
RD-880	800	800	850	180	960			188	B Type	8
RD-990	900	900	950	220	1100			188		9

MODEL RE (FOLDING / 折疊式)



- Model RE itself can be turned left or right for storage.
RE型可單獨任意左右旋轉存放使用

MODEL RF (FOLDING / 折疊式)



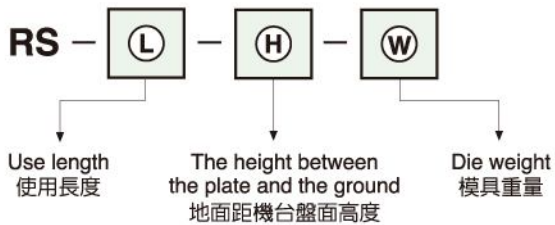
- The distance for installing the two arms of Model RE and RF should be more than the distance between the installations(C).
選用RE,RF型兩支臂安裝之距離需大於安裝最小間距 (C)

MODEL 型式	LENGTH NEEDED OF THE DIE 模具使用長L(mm)	MAX. CAPACITY 最大荷重W(kgf)	TOTAL LENGTH 總長A(mm)	MIN. DISTANCE FOR INSTALLATION 安裝最小間距C(mm)	SIZE OF FOLD DOWN 折疊尺寸		SIZE OF SUPPORT 固定座尺寸		NUMBER OF ROLLER 滾輪個數	M	N	HOLE PATTERN FOR INSTALLATION 安裝鉗孔尺寸形式	
					X	Y	B	H					
RE, RF-580	500	800	550	525	90	150	115		5	57	120	A Type	
RE, RF-760	700	600	750	725					118				7
RE, RF-880	800	800	850	825					158			8	B Type
RE, RF-990	900	900	950	925					188			9	
RE, RF-05160	500	1600	550	525	105	170	130	158	7	74	140	C Type	
RE, RF-05200		2000						178					
RE, RF-07160	700	1600	750	158				9					
RE, RF-07200		2000		178									
RE, RF-08160	800	1600	850	188				10					
RE, RF-08200		2000		218									
RE, RF-09160	900	1600	950	248				11					
RE, RF-09200		2000											

DIE ARM (HEAVY DUTY) 移模支臂 (荷重型)

MODEL **RS** (SUPPORTER / 支柱式)

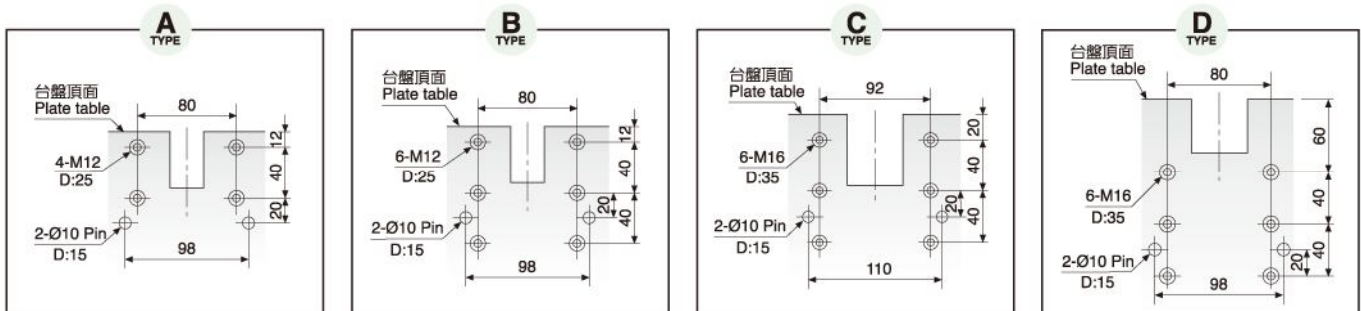
MODEL SELECTION 型式選定



- Please clearly indicate the above information while ordering.
- Adopt D Type to install hole pattern.
- 訂購時請指明以上資料
- 安裝鉗孔尺寸採用D式

HOLE PATTERN FOR INSTALLATION

安裝鉗孔尺寸形式



ACCESSORIES 相關配件

NON-LEAK VALVE 氣控閥



ROTARY JOINT 迴轉接頭



CLAMP BRACKET 夾具存放架



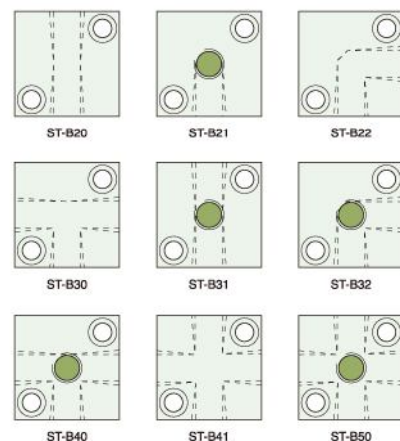
CA

CB

TUBE CONNECTER 分油座



TUBE CONNECTER MODEL 分油座型式



MOLD FLIP DEVICE 模具翻轉機

Application : Press 、 Hydraulic press 、 Forging machine.

適用於：沖床、油壓機、鍛造機

Feature :

1. Mold Flip device using electric hydraulic motor, move up-down and flip mold through hydraulic power.
2. Using the Mold Flip device can raise work efficiency and also reach zero accident happens.
3. If power shut during mold flip, each hydraulic circuit is designed with the function of checking and avoiding oil leakage and the device will stop at the final stage.
4. Shorten the operation time of mold repair.
5. Mold Flip device helps the die to be flip. It has the inspection function of die loading and die move-in position.

特色：

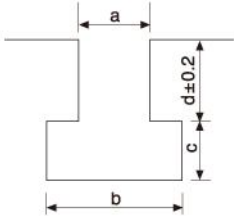
1. 模具翻轉機使用電動油壓馬達，以油壓力量升降及翻轉模具。
2. 運用模具翻轉機可提高工作效率又可達到零工安意外。
3. 翻模過程中如發生斷電，各油壓迴路具逆止防漏功能，機台立即停止於最後狀態。
4. 減少模具維修時間。
5. 模具翻轉機用於輔助模具翻轉，並有檢知以及定位裝置。



WORKING PROCESS & FUNCTION 作業流程與機能

1	2	3
模 具 移 入 Mold in	翻 轉 裝 置 上 升 Flip device move	上 模 翻 轉 180 度 Flip upper Mold by 180 degrees
翻 轉 裝 置 下 降 Flip device move	下 模 移 出 Take lower Mold out	上 模 下 降 至 維 修 / 更 換 高 度 Drop the Mold to the height for maintenance or replacement
上 模 鎖 螺 絲 固 定 Lock the upper Mold with screw	4	5
上 模 上 升 翻 轉 Raise upper Mold and flip	翻 轉 裝 置 下 降 Flip device move	6
下 模 移 入 Lower Mold in	鬆 開 上 模 螺 絲 Release the screw of the upper Mold	翻 轉 裝 置 上 升 Flip device move
		模 具 移 出 Take the Mold out

DATA REQUIRED FOR Q.D.C.S. 快速換模系統訂購所需資料

Customer 訂購公司		Date 日期													
Machine Brand 機台廠牌		Machine Capacity 機型 噸數													
Drawing for upper and lower platen 上、下台盤圖面		☐ Yes, please offer it/ 有，請提供 ☐ No. (U-slot on the platen ☐ Yes. Height: _____mm ☐ No.)/ 沒有 (台盤有U型槽 ☐ 有，高度 _____mm ☐ 沒有)													
Die Data 模具資料		1. U-slot on the platen ☐ Yes ☐ No/ 模具有U型槽 ☐ 有 ☐ 沒有 2. Working temperature: _____°C / 工作溫度: _____°C													
Item 項目	Model 型式	Q'ty 數量	Remark 備註												
Air Driven Hydraulic Pump Unit 泵浦單元			Control voltage / 控制電壓： ☐ AC110V ☐ AC220V ☐ DC24V												
Die Clamp 夾具	Upper Die 上模		The thickness of the template/ 模具鎖模板厚度(H): _____mm												
	Lower Die 下模		The thickness of the template/ 模具鎖模板厚度(H): _____mm												
Die Lifter 舉模滑軌			1. Max. die weight/ 最大模具重量: _____kg 2. There is hole with Bolster/ 台盤有下料孔: ☐ Yes/是 ☐ No/否 3. Die Dimension (mm)/ 模具尺寸： Max: _____(L)x _____(W) Min: _____(L)x _____(W) (L: left-right /左-右 W: front-back/ 前-後)												
Die Arm 移模支臂			Max. die weight/ 最大模具重量: _____kg												
Support of Die Arm 移模支臂固定座			Additional 追加												
Others 其他	Install by Sandsun /山田順安裝 ☐ Yes ☐ No														
	CE certificated required/ CE認證 ☐ Yes ☐ No														
T-slot/ T型槽尺寸：	 <table border="0"> <tr> <td>Upper platen: (mm)</td> <td>Lower Platen: (mm)</td> </tr> <tr> <td>上台盤</td> <td>下台盤</td> </tr> <tr> <td>a : _____</td> <td>a : _____</td> </tr> <tr> <td>b : _____</td> <td>b : _____</td> </tr> <tr> <td>c : _____</td> <td>c : _____</td> </tr> <tr> <td>d : _____(±0.2)</td> <td>d : _____(±0.2)</td> </tr> </table> * For existing machine, please offer "D" size with the first decimal digit. * 舊機請提供d尺寸至小數點第一位。			Upper platen: (mm)	Lower Platen: (mm)	上台盤	下台盤	a : _____	a : _____	b : _____	b : _____	c : _____	c : _____	d : _____(±0.2)	d : _____(±0.2)
Upper platen: (mm)	Lower Platen: (mm)														
上台盤	下台盤														
a : _____	a : _____														
b : _____	b : _____														
c : _____	c : _____														
d : _____(±0.2)	d : _____(±0.2)														
Remark 備註															



MANAGING PHILOSOPHY

Moderate & Reliable Aggressive & Creative
Demanding for Perfection Constant Operation

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Quality Stability Customer Satisfaction

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穩健踏實 精進創新 止於至善 永續經營

品質政策

品質穩定 客戶肯定

山田順精機股份有限公司

SANDSUN PRECISION MACHINERY CO.,LTD.

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