

LMP SERIES

Minimize Tool Wear to Increase Die Life.
Get Tight Tolerance and High Dimensional Accuracy.
Reduce Shock and Vibration to Result
in Low Noise.
模具磨損小、壽命長、加工精度高、
震動小、噪音低

C-FRAME Link Motion Press

C 型連桿沖床

專利證號

(中華民國) 第I 229033號
(中華民國) 第I 244428號

Patents:

(R.O.C.) No. I 229033
(R.O.C.) No. I 244428



H-FRAME Link Motion Press

H 型直壁式連桿沖床

Note/備註:

SPM can be increased by shortening Stroke Length on custom-made basis. 可依客戶要求，以縮短行程的方式來增加行程數。

例如：下列規格適合電子業高速加工

LMP-110-H	
Stroke Length 行程長度	50 mm
SPM 行程數	30-150 SPM



SPECIFICATIONS | 功能規格

Mode	機種	UNIT單位	LMP-80-C		LMP-110-C		LMP-160-C		LMP-200-C	
Type	型式		B	D	B	D	B	D	B	D
Max. Capacity	噸位	TONS	80	80	110	110	160	160	200	200
Tonnage Rating Point	能力發生點	MM	5	5	5	5	6	6	6	6
SPM	行程數	SPM	30-80	30-55	30-70	30-50	30-60	30-45	30-50	30-40
Stroke Length	行程	MM	100	160	120	180	130	200	150	200
Die Height	最大模高	MM	300	330	320	350	350	400	410	450
Slide Adjustment	滑塊調整量	MM	80	80	90	90	100	100	110	110
Area of Slide (L-RxF-B)	滑塊面積 (L-RxF-B)	MM x MM	560 x 420	560 x 420	650 x 500	650 x 500	700 x 520	700 x 520	850 x 590	850 x 590
Area of Bolster (L-RxF-B)	台盤面積 (L-RxF-B)	MM x MM	1000 x 500	1000 x 500	1020 x 560	1020 x 560	1200 x 650	1200 x 650	1350 x 700	1350 x 700
Thickness of Bolster	台盤厚度	MM	100	100	120	120	150	150	170	170
Main Electric Motor	主馬達	HP x P	7.5 x 4	7.5 x 4	10 x 4	10 x 4	15 x 4	15 x 4	20 x 4	20 x 4
Slide Adjustment Motor	滑塊調整馬達	HP x P	0.2 x 4	0.2 x 4	0.2 x 4	0.2 x 4	0.5 x 4	0.5 x 4	0.75 x 4	0.75 x 4

SPECIFICATIONS | 功能規格

Mode	機種	UNIT單位	LMP-80-H		LMP-110-H		LMP-160-H		LMP-200-H	
Type	型式		B	D	B	D	B	D	B	D
Max. Capacity	噸位	TONS	80	80	110	110	160	160	200	200
Tonnage Rating Point	能力發生點	MM	5	5	5	5	6	6	6	6
SPM	行程數	SPM	30-80	30-55	30-70	30-50	30-60	30-45	30-50	30-40
Stroke Length	行程	MM	100	150	120	180	130	200	150	200
Die Height	最大模高	MM	300	320	320	350	350	400	410	450
Slide Adjustment	滑塊調整量	MM	80	80	90	90	100	100	110	110
Area of Slide (L-RxF-B)	滑塊面積 (L-RxF-B)	MM x MM	520 x 400	560 x 420	650 x 500	650 x 500	780 x 600	780 x 600	1000 x 630	1000 x 630
Area of Bolster (L-RxF-B)	台盤面積 (L-RxF-B)	MM x MM	1030 x 500	1030 x 500	1020 x 560	1020 x 560	1030 x 650	1030 x 650	1050 x 715	1050 x 715
Thickness of Bolster	台盤厚度	MM	100	100	120	120	145	145	150	150
Main Electric Motor	主馬達	HP x P	7.5 x 4	7.5 x 4	10 x 4	10 x 4	15 x 4	15 x 4	20 x 4	20 x 4
Slide Adjustment Motor	滑塊調整馬達	HP x P	0.2 x 4	0.2 x 4	0.2 x 4	0.2 x 4	0.5 x 4	0.5 x 4	0.75 x 4	0.75 x 4

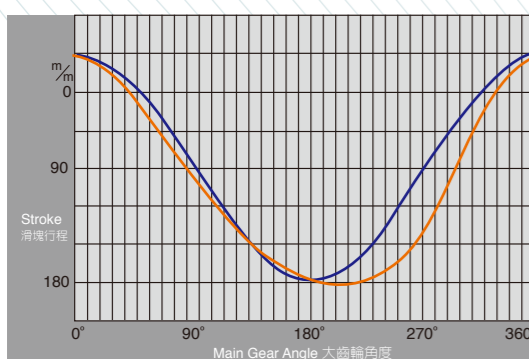
ADVANTAGES | 功能介紹

D Type / Drawing Type

For Drawing and Deeper Forming
適合引伸用 >>>



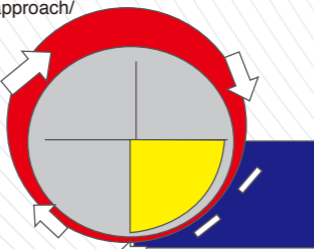
MOTION DIAGRAM 滑塊運動曲線
LMP-110(D-Type)



— Long Jyi's D-Type Link Motion Press. (隆佳D-Type連桿沖床)
— Crank Motion Press. (一般曲軸沖床)

Width of red part means slide velocity
紅色寬度表示滑塊速度

Accelerated approach/
return speed
滑塊高速回升



To reclaim the lost time created by the slide velocity reduction in the lower portion of the press stroke, the velocity is increased through the upper portion of the stroke so that strokes per minute are not sacrificed.
滑塊高速下降，把省下來的時間用來加工。滑塊衝擊速度慢、模具磨損小、壽命長、且震動小、噪音低。

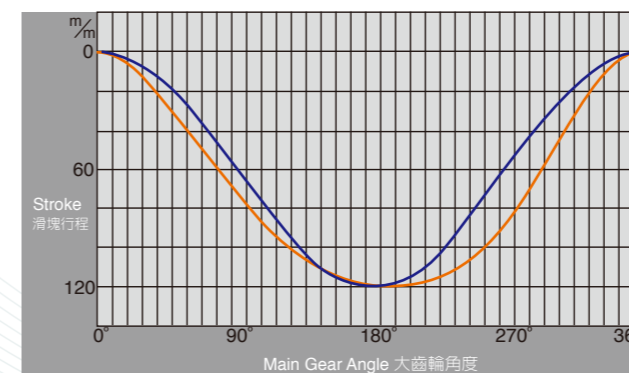
Increasing dwell time at lower speed at stroke bottom for portion drawing velocity to avoid material may tear, wrinkle and crack to get less burrs and high quality stamped parts.
低速加工，避免工件產生折痕與龜裂，以達最佳引伸品質。

B Type / Blanking Type

For Near Fine-Blanking and Progressive Forming
適合精密下料用 >>>



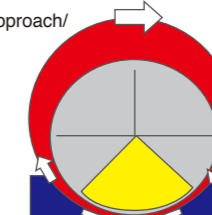
MOTION DIAGRAM 滑塊運動曲線
LMP-110(B-Type)



— Long Jyi's B-Type Link Motion Press. (隆佳B-Type連桿沖床)
— Crank Motion Press. (一般曲軸沖床)

Width of red part means slide velocity
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Accelerated approach/
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滑塊高速下降，把省下來的時間用來加工。滑塊衝擊速度慢、模具磨損小、壽命長、且震動小、噪音低。

Increasing dwell time at lower speed at stroke bottom (the working portion)
低速加工，滑塊在下死點附近幾乎呈遲緩狀態

*Reduce shock and vibration, in turn reduce the noise level, reduce wear and tear on the press, auxiliary equipment attached to it, and minimize tool wear to increase die life.
*Greatly reduce (or eliminate) spring-back, so to get tight tolerance and high dimensional accuracy. 模具夾住工件的力道大、時間長、減少彈回程度，使得加工精度高，工件毛邊小、品質佳。