

MC增壓器型超高壓快速虎鉗

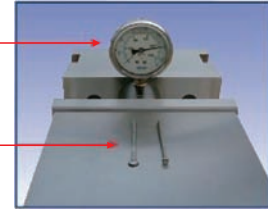
MC PRECISION SUPER HI-PRESSURE RAPID VICE

(全國第一臺增壓馬達虎鉗) 非一般氣壓缸型結構
The first reinforced motor vice (Non-common pneumatic cyl. structure) in Taiwan.

新產品
NEW PRODUCT



內藏空壓馬達 (專利結構)
Emersed pneumatic motor (PAT structure)

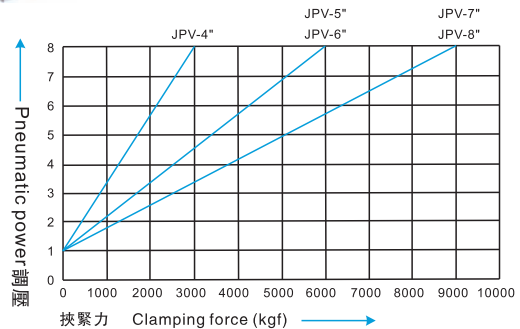
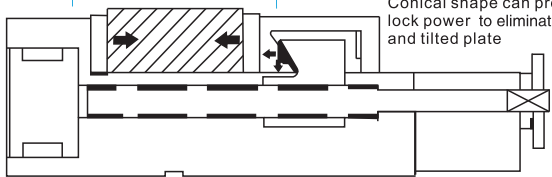


唯有自動補壓功能才能將鐵釘夾成扁平狀
Only way to press flat type nails is the automatic pressure compensate system

8kg/cm²之低壓源，即可達9000kgf之超高挾持力
8kg/cm² low pressure former can holding very high force up to 9000kgf

前置出力可產生雙向力減少本體變形使工件更加精準
Forward output pressure can product two-way power for reducing main body from becoming deformed and the working parts will be more accurate.

半圓球可產生角固下鎖之力可消除虎口板上浮和工作傾斜
Conical shape can produce an angle lock power to eliminate jaws floating and tilted plate



◎ 本產品已獲美國發明專利.臺灣.大陸等多國多項專利

本虎鉗原理是 用自行研發之往復式空氣馬達 (專利結構)，以氣壓連續推動油路方式，來達成自動化，且不需三點組合來過濾水氣，其特性絕對為全國所僅有甚而超越國外任何廠牌。

◎ 超高挾持力

空氣源8kg/cm²之低壓源，即可達9000kgf之超高挾持力，而挾持力從0-9000kgf可藉由調壓器自由調整設定。

◎ 自動尋找最高氣壓源

當銅鋁類產品輕加工或鑄鐵類初胚重切削時，用調壓器設定在所需壓力，也不會因空氣源在低點而失壓，而且有自動補壓及穩壓之功能，以確保工件之挾持。

◎ 最大挾持安全距離

開關速度祇需1.5秒，挾持安全距離可達8mm，並設有手輪安全線，可輕易由肉眼辨識出工件挾持之安全距離，是否超限

◎ 立、側、臥三用

定寸規格，本體六面磨光並預留壓板槽，不需治具板，即可直立加工。

◎ 超高材質

虎鉗本體材質採用高延展性之石墨鑄鐵 (FCD-60) 一體成型設計。兩側滑軌經硬化熱處理 (HRC-45)，確保高精度，高耐磨，高抗張力。

◎ 內藏角固下壓結構

◎ This Product Is The Exclusive Patent Authorized By U.S.A, Taiwan And P.R.C

The principle of this vice is adopting the reciprocating pneu. motor (PAT.structure) which P & D by inhouse and that employs an air actuated cylinder. Circuiting progressively to make automation, no need the R.F.L unit to filter the moisture, the sole character is superior than any brand in domestic & international market.

◎ Super hi-gripping force

Even the air source at low pressure 8kg/cm² which can be achieved super hi-gripping force 9000kgf, and the 0-9000kgf gripping force can be adjusted freely by pressure regulator.

◎ Seeking the highest air source automatically

When processed copper, aluminium etc. non-iron workpiece or raw cast iron etc., making heavy cutting which can be made adaptable gripping force to ensure work piece clamping and with auto compensating & retaining pressure etc., functions.

◎ The biggest safety clamping range:

The shifting speed is only 1.5 sec. with safety range :8m, also equipped with safety line on hand wheel and can be visible the clamped work piece safety range is exceeded or not.

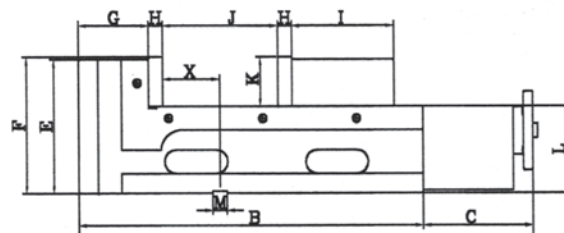
◎ Triple usage of vertical. side. horizontal:

Six faces of vice body be super grinding & pre-setting holding slot, and can be processed vertically without jig fixture.

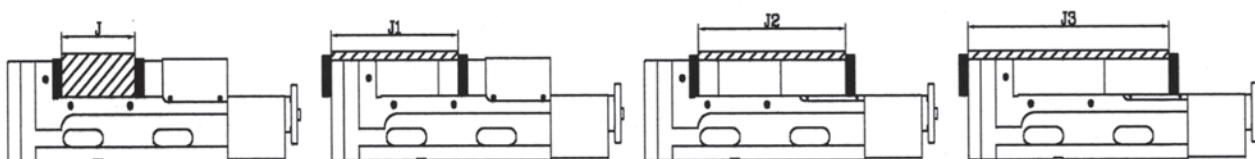
◎ Super rugged material:

The vice body is adopted hi-tensile graphite casting iron (FCD-60), one piece design and harden heat-treatment (HRC45) at two slide way which ensured hi-precision, hi-durability & hi-tensile.

◎ Submersed angle fixed pressed down structure:



◎ 四種不同夾持方式



型號 Model	A	B	C	D	E	F	G	H	I	J	J1	J2	J3	K	L	M	X	夾持力 Gripping	淨重 N.W.(kg)	毛重 G.W.(kg)
JPV-4"-100	435	320	125	100	145	148	85	15	100	0-100	95-220	100-200	200-300	48	100	16	45	3200	27	29
JPV-5"-150	505	380	125	130	157	160	85	15	110	0-150	95-250	110-275	200-380	55	105	18	45	6000	38	40
JPV-6"-160	525	400	125	160	160	163	85	15	120	0-160	95-260	120-295	210-400	58	105	18	45	6000	48	50
JPV-6"-250	615	490	125	160	160	163	85	15	120	0-250	95-350	120-395	210-490	58	105	18	45	6000	52	55
JPV-7"-200	585	460	125	180	170	173	90	18	130	0-200	100-300	130-350	220-460	63	110	18	72	9000	65	72
JPV-8"-200	595	470	125	200	170	173	90	18	140	0-200	100-310	140-360	230-470	63	110	18	72	9000	70	80
JPV-8"-300	695	570	125	200	170	173	90	18	140	0-300	100-410	140-460	230-570	63	100	18	72	9000	79	90

項次 NO.	檢查事項 INSPECTION ITEMS	100mm	容許可 GUARANTEED
1	虎鉗底部與滑動面平行度		0.01mm
2	夾爪端面與底部之垂直度		0.015mm
3	側邊與滑道面之垂直度		0.02mm
4	鉗口面對本座底面T型槽的平行度		0.02mm
5	鉗口面對本座底面T型槽的垂直度		0.02mm
6	測試塊夾緊後其上面對本座底面之平行度		0.02mm
7	測試塊夾緊後對本座底面之上浮量		0.015mm
8	本座直面對底面之直角度		0.02mm

