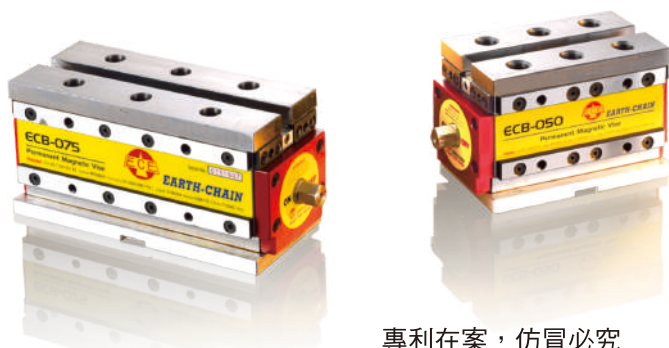


適用於中、大型工件(可做五面加工)



專利在案，仿冒必究

台灣 M258824、義大利、美國us7, 224, 251 B2、日本3106264、韓國0366170、德國20 2004 009 776.1、中國ZL2004 2 0067865.1

特點：

1. 全新系列“開關式永久磁力工作台夾具系統” ECB 系列，為一新的工件夾持概念，適用於立式及臥式 CNC 綜合切削加工機及銑床，快速夾持工件，可做5面切削加工，鑽孔、攻牙、銑溝槽一次完成，節省加工流程以降低過多加工程序之重覆公差，並提高工作效率，大幅降低加工成本。
2. 可依工件之大小自由組合磁力工作台之數量、位置及間距。
3. ECB 系列附有替換式導磁軟爪，可於夾持工件加工前於機器上直接精修導磁軟爪，故無論機器是否精密，皆可做到百分百定位加工，導磁軟爪亦可於加工工件時直接鑽孔，攻牙或切溝，導磁軟爪之使用功能甚多，使用者可針對各種不同工件需求自行製作。
4. 兩個工作流程即完成工件加工，不但大幅提高加工效率又可達到精度要求。

用途及適用範圍：

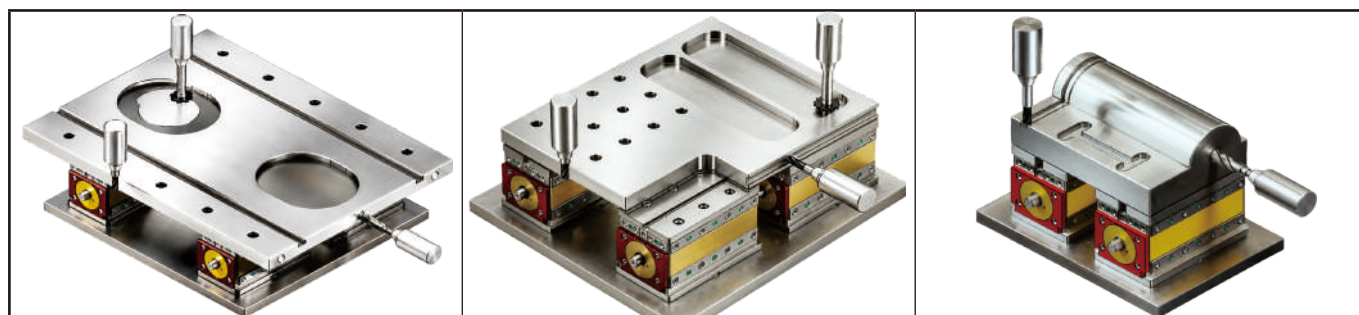
1. 適用於中、大型工件之切削加工。
2. 替換式導磁軟爪可做多功能之工件夾持加工。
3. 最小工件要求為大於2 台磁力工作台面積之工件。
4. 本磁力工作台不適用於小型工件之夾持加工。

注意事項：

1. 夾持工件加工前，請確認已轉至“ON”位置。(如右圖所示)
2. 本磁力工作台之原理為磁極N. S. 轉換成磁場，故置放工件夾持時，請將工件放於磁力工作台兩側中間，如將工件放於單側，則工件無法夾持。
3. 本磁力工作台不適用於小型工件之夾持加工，或非導磁材料，如：銅、鋁、不鏽鋼及合金材料，其最小工件之要求為2台磁力工作台面積之工件。



加工示範圖

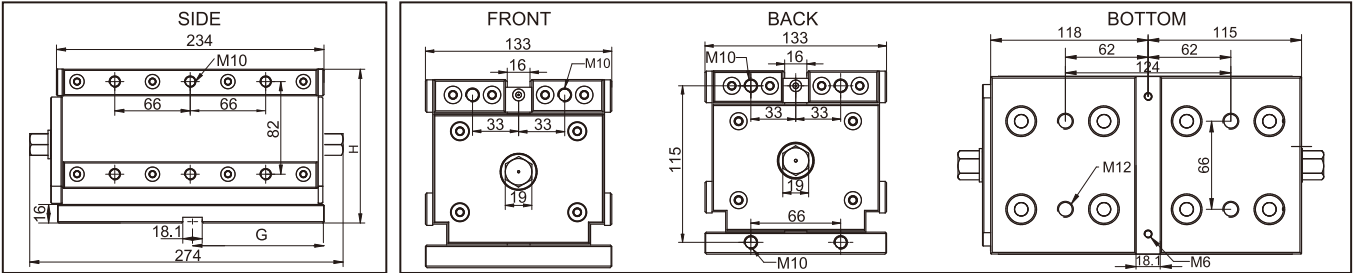


單位:mm

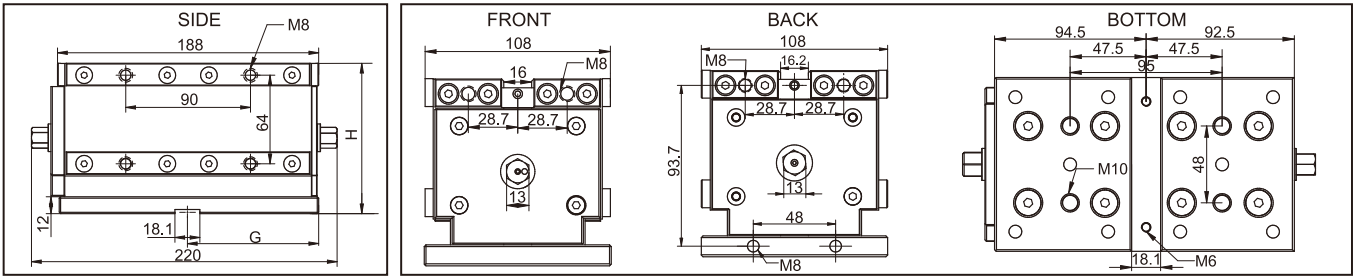
型號	夾持能力	最小工件厚度要求	G	H	總高(含導磁軟爪)	淨重
ECB-210	2100kgf±5%	30	115	134	155	36kg
ECB-120	1200kgf±5%	20	92.5	108	123	18kg
ECB-075	750kgf±5%	15	85	78	90	9.5kg
ECB-050	500kgf±5%	15	61	78	90	7kg

Suitable to be used with medium & large workpiece (Can do 5 sides machining)

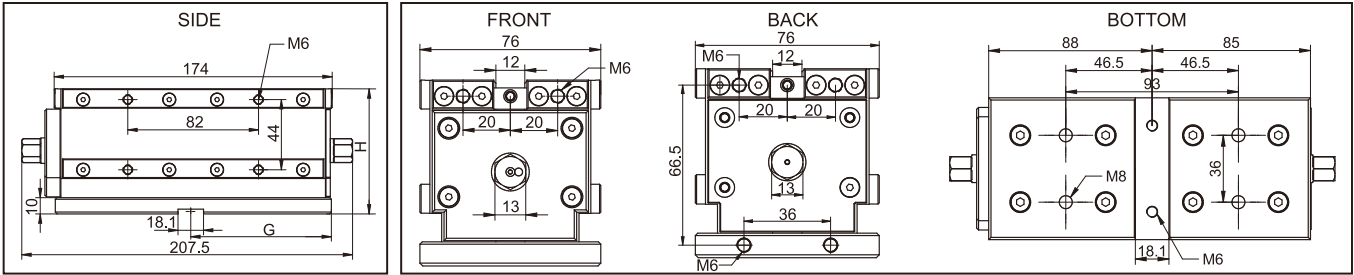
Dimension ECB-210



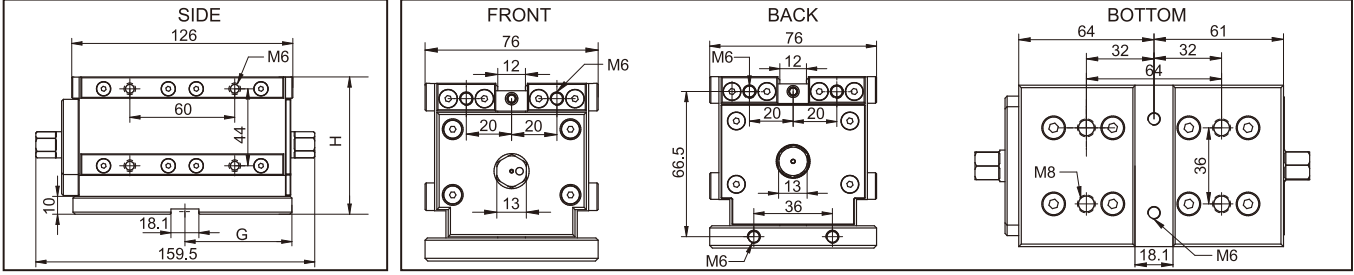
ECB-120



ECB-075



ECB-050



Permanent Magnetic Clamping

ECB Series

Suitable to be used with medium & large workpiece (Can do 5 sides machining)

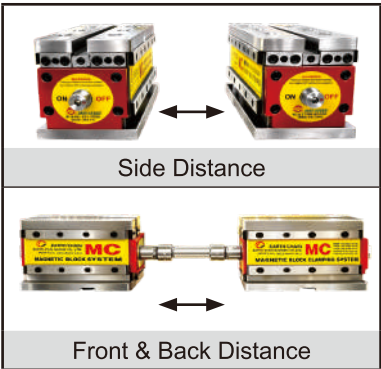
Customer can be makes switch connector by standard hexagon steel bar themselves for depends on length required. The dimension of hexagon bar required as ECB-210 --- 19mm, ECB-120, 075, 050 --- 13mm.

Maximum & Minimum distance required

MODEL NO		ECB-210	ECB-120	ECB-075	ECB-050
SIDE DISTANCE	Min.	100	60	25	25
	Max.	1000	600	400	400
FRONT & BACK DISTANCE	Min.	70	40	40	40
	Max.	500	300	200	200



Unit:mm

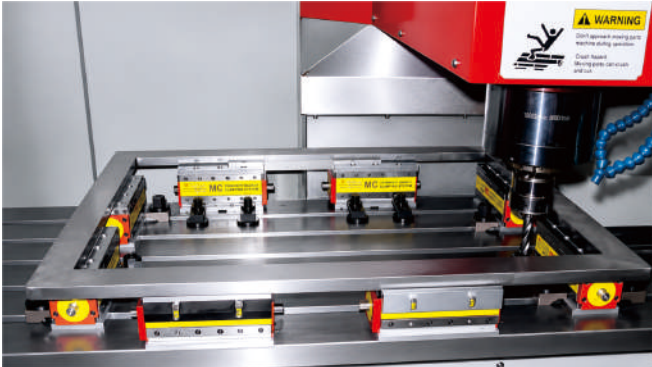
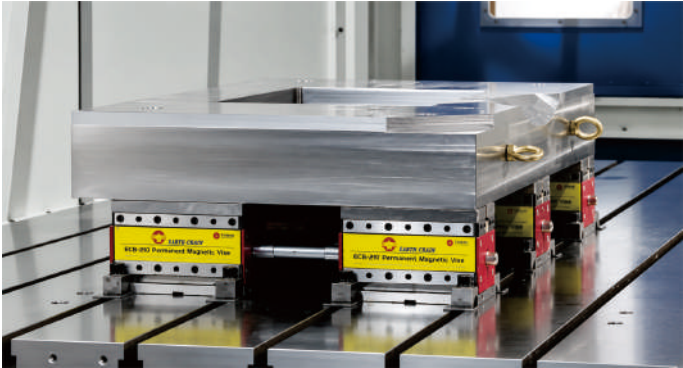


Special made Induction Block:

Customer can makes special induction block themselves for depends on the workpiece and application required.
(The material of induction block required as general and low carbon steel)



Working Example

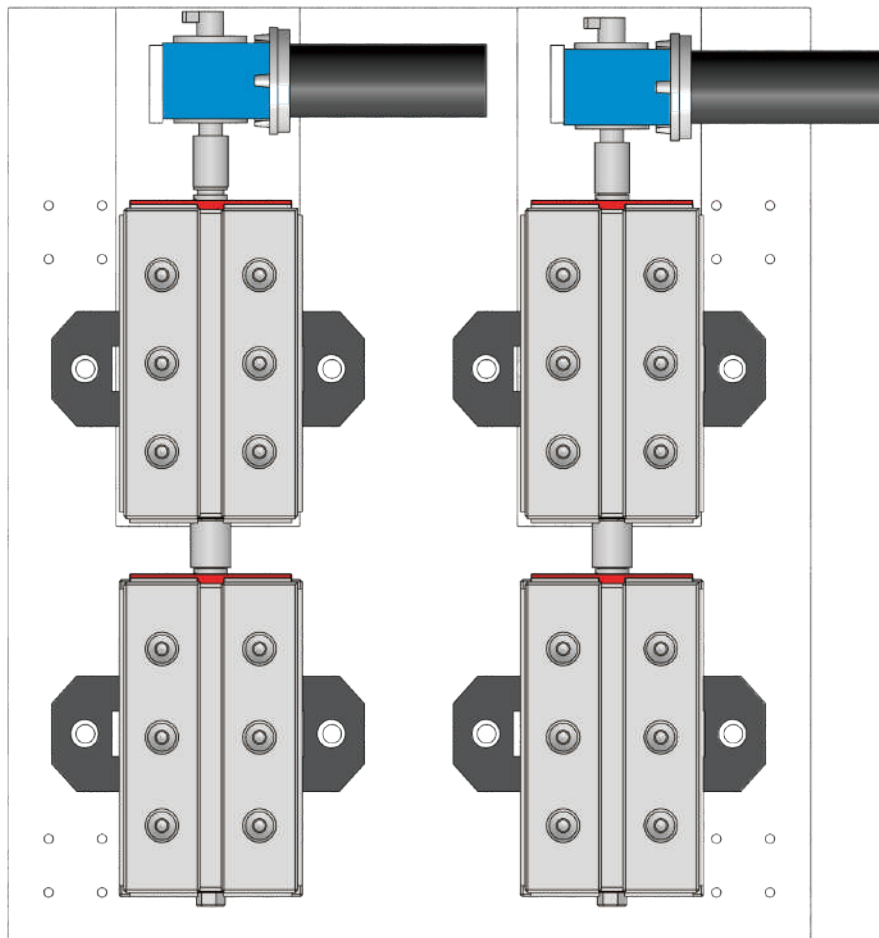


Automatic Switching System For ECB Series Permanent Magnetic Clamping Block.

Used for enable the automatic production line with ECB Series.

The Gear Motor with reducer can automatically switching the magnetization and demagnetization operation, which saves time and labor, suitable for large size machines which using our ECB Series products.

Panted Patent No:Taiwan M644135



Working Example

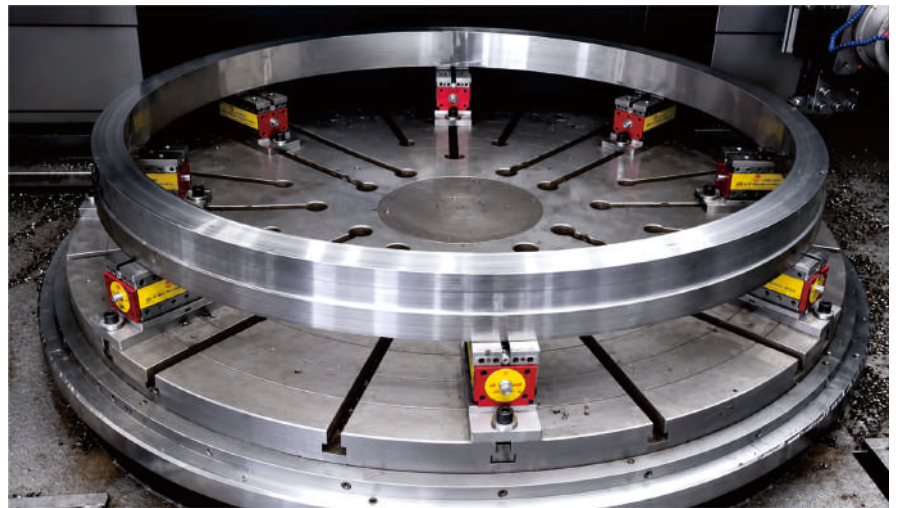
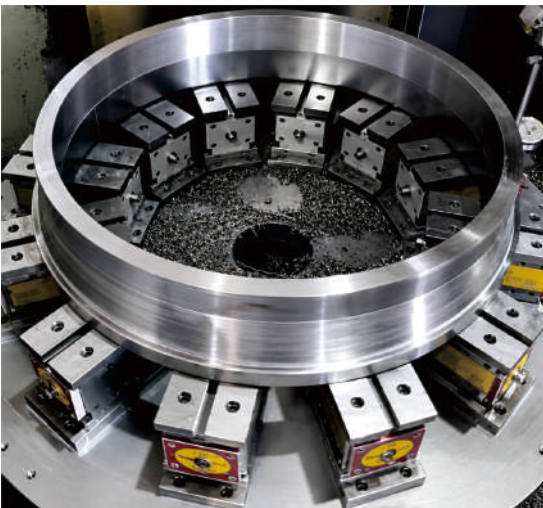
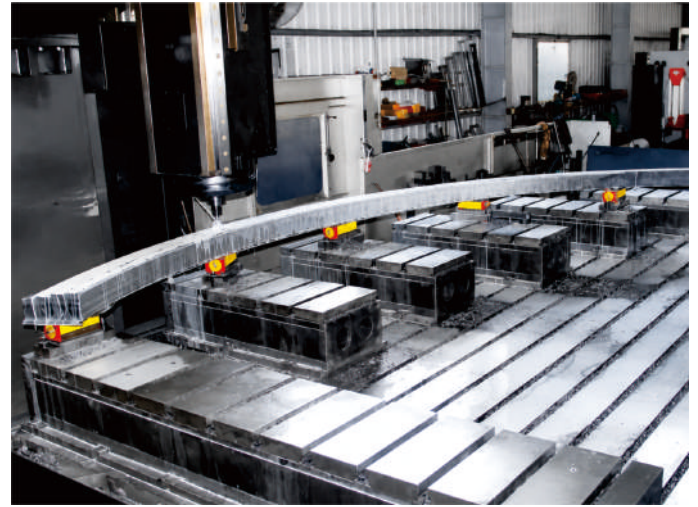


Permanent Magnetic Clamping

ECB Series

Suitable to be used with medium & large workpiece (Can do 5 sides machining)

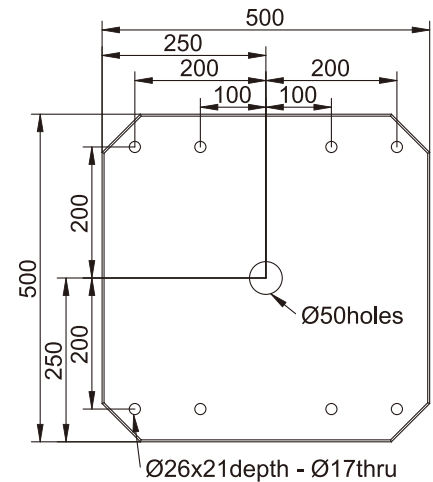
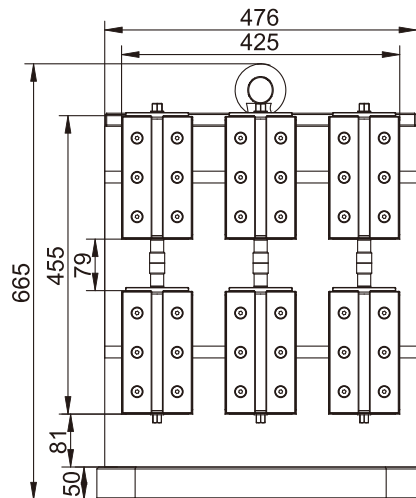
Working Example



Permanent Magnetic Clamping

ECB-120V12

Suitable to be used with CNC Horizontal machining center



Features & Applications:

1. Each 6pcs of ECB-120 magnetic clamping block on 2 working face each of 7200 kgf $\pm 5\%$ (1200kgf $\times 6$) holding power can be clamping 2 big workpieces for machining at same time.
2. Customer can makes and assemble any type of clamping device themselves by ECB series for depends on workpieces required.
3. Suitable for use on CNC Horizontal Machining Center. (can do 5 sides machining.)

Working Example

