

開關式永久吊盤

ON/OFF TYPE PERMANENT MAGNETIC LIFTER

GPL TYPE

專利號M313672號

- 警告：**
1. 使用前請先確定是否有異物或開關未切換及工件是否平衡不搖晃，吸著牢固後再開始搬運。
 2. 吊盤須接觸搬運工件才可切換把手，請勿空操作。
 3. 吊盤未使用時或未接觸搬運工件時，請勿切換開關，以免造成損壞 (請勿空操作)。

注意：本產品請勿使用於表面溫度高於80°C之工件。

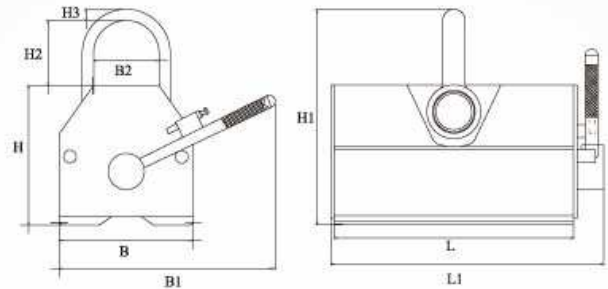
用途：適於搬運各種鐵類工作物。

特點：

- 特殊設計之ON/OFF開關，操作容易。

- 操作時不會損壞工作表面。

- 吸力超強，不必使用電源，可連續使用沒有停電之困擾。



WARNING:

- Before lifting a work-piece, please check if any foreign-material or iron chip exists between the lifter and work-piece, please clean up the surface of the lifter and work-piece.
- Checks the switch position to make sure it is set correctly, and also checks the held work-piece if it is being held completed and balanced before lifting.
- Please do not switch the handle "on" if it is not being used to avoid any damage caused.



CAUTION:

Please do not use the product if the working piece surface temperature is higher than 80°C degree.

APPLICATION:

Suitable for carrying various Iron material work-piece.

FEATURES:

- Very easy operation with the special design of ON/OFF switch. Easy-Locked function, provides you switch on and lock the handle at the same time.
- Working-piece surface will not be damaged during the working.
- High holding magnetic power, this lifter cans be used successive. Electro power is no necessary for the lifter to avoid power failure problem.



單位：mm

型號 Model	吊重能力 Capacity (KG)	吸著面 Chuckling face		外部面積 尺寸 (Dimension)							最大吊重範圍 Min Thickness Max Lifting Range					安全係數 Safety Coefficient	重量 Weight (KG)
		B	L	H	B1	L1	H1	B2	H2	H3	鐵板 Steel Plate		實心圓鐵 Not Hollow Round Steel				
											max. lifting capacity(kg)	mix. thickness required(mm)	max. lifting capacity(kg)	max. diameter(mm)	maximum Length(mm)		
GPL-100	100	63	92	71	164	110	122	32	43	8	100	15	45	150	1000	×3.5	3
GPL-300	300	93	165	96	210	185	170	45	62	13	300	40	135	250	1500		11
GPL-300L	300	93	300	96	210	320	170	45	62	13	300	40	135	250	1500		19.5
GPL-600	600	122	236	120	303	265	227	59	92	15	600	50	270	350	2000		26
GPL-600L	600	122	440	120	303	469	227	59	92	15	600	50	270	350	2000		47.5
GPL-1000	1000	171	263	164	413	298	302	95	116	20	1000	60	450	450	2500		58
GPL-2000	2000	232	378	215	576	415	390	119	148	28	2000	70	870	550	3000		135
GPL-3000	3000	300	454	265	717	490	500	156	213	32	3000	80	1320	650	3500		266

* 型錄上產品規格尺寸僅供參考，以本公司實際產品主為準，變更時恕不另行通知。

The specifications and dimensions of products in the catalogs are for reference only. Subject to be changed without any notice.

吊重負載

LOAD OF HOLDING POWER

GPL TYPE

專利號M313672號

本磁性吊重磁盤之吊重負載會因下列因素改變其負載能力：鋼材厚度、平面之粗糙度、材質種類及磁盤與鋼材是否清理乾淨。
（請參考下列圖表及換算公式）

The lifting capacity will be affected by the thickness, roughness of contacting surface and material composition and cleanness in between workpiece and the Lifting Magnetic Chuck. (See the charts & formula down below)



負載能力及鋼材厚度換算表

Chart of difference in holding power by thickness

	鋼材厚度 Thickness		負載能力之比率 Percentage of lifting capacity					
	mm	Inch	GPL-3000	GPL-2000	GPL-1000	GPL-600	GPL-300	GPL-100
T1	UP 60	UP 2.36"	100%	100%	100%	100%	100%	100%
T2	UP 55	UP 2.16"	95%					
T3	UP 50	UP 1.97"	90%					
T4	UP 45	UP 1.77"	85%					
T5	UP 40	UP 1.57"	75%	85%	90%	90%	90%	
T6	UP 35	UP 1.38"	65%	75%				
T7	UP 30	UP 1.18"	55%	65%	80%	90%	90%	90%
T8	UP 25	UP 0.98"	45%	55%	70%			
T9	UP 20	UP 0.79"	35%	45%	60%	75%	90%	90%
T10	UP 15	UP 0.59"	25%	35%	50%	60%	70%	70%
T11	UP 10	UP 0.39"	15%	25%	35%	45%	50%	70%
T12	UP 5	UP 0.20"	10%	15%	20%	25%	30%	40%

負載能力及鋼材平面粗糙度換算表

Chart of difference in holding power by attractive face roughness For all models

	0	50%	100%	125%	
F1	▽▽▽	125%	低碳材料		
F2	▽▽	100%	中碳材料		
F3	▽	90%	高碳材料		
F4	-	65%	鑄鐵		

負載能力及鋼材之材質種類換算表

Chart of difference in holding power by material quality For all models

	0	50%	100%	
M1	Low carbon	100%	低碳材料	
M2	Moderate carbon	80%	中碳材料	
M3	High carbon	75%	高碳材料	
M4	Cast Iron	70%	鑄鐵	



吊重範圍換算公式 (磁盤之吊重能力)

Calculating Formula for "Range of Lifting Capacity (TxFxMx Capacity of Lifter)

範例Example: 鋼材條件Terms of workpiece : T8, F1及 M2

$$90\% \times 125\% \times 85\% \times 600 \text{ kg (GPL-600)} = 573\text{KG}$$

安全係數 X 3.5倍(安全係數是為考慮及確保使用之安全因素)

SAFETY FACTOR X 3.5 Times(Safety factor is consideration for ensuring the use in safety.)

以上圖表為參考值，如欲吊之鋼材超出上述吊重範圍，請先吊離鋼材前先測試，無安全之慮後再行使用，如因故發生危險，則本公司恕不負責。

The above diagrams is only for reference. The operator should be test and check if it is in safe range before lift away the workpiece of steel. Other wise, it will be not responsibility by producer for any accidents.

