



美立固

SINCE 1986

美立固 搪銑頭

MILLING Head Units



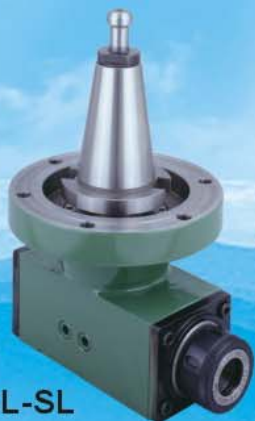
CL-09L
15x4P



ML-02
20HPx4P



ML-08
20(25)HPx4P



CL-SL



CL-L90



CL-L: NT 50



CL-06
10HPx4P



ML-02
20HPx4P



CL-09
10(15)HPx4P

銑頭規格

規格 Specifications	機型 Model		CL-06		CL-09		CL-09L		ML-02		ML-08	
主軸馬達 Spindle Motor			10HPx4P		15HPx4P		15HPx4P		20HPx4P		20(25)HPx4P	
主軸錐度 Spindle Taper			N.T.50#		N.T.50#		N.T.50#		N.T.50#		N.T.50#	
主軸端外徑 Spindle End O.D			φ128.57mm		φ128.57mm		φ128.57mm		φ128.57mm		φ128.57mm	
主軸變速段速 Spindle Speed			6 step		9 step		9 step		H/L		8 step	
主軸轉速 (R.P.M.) Spindle Speed(R.P.M.)	50 HZ	76.120 168.250 335.501	50 HZ	66.83.116 166.216.291 375.493.662	50 HZ	66.83.116 166.216.291 375.493.662	H→600 /900 50 C/S L→210 / 320 With Inverter Option		50 C/S	82.139.174 228.284.375 465.760		
	60 HZ	93.145. 203.303 406.608	60 HZ	80.100.140 200.260.350 450.592.795	60 HZ	80.100.140 200.260.350 450.592.795			60 C/S	101.165.207 286.337.465 585.950		
銑刀最大直徑 Max. Cutter Dia.			200 mm		200 mm		250 mm		250 mm		250 mm	
工作行程 Work Travel			300 mm		380 mm		580 mm		480 mm		480 mm	
AC 快送馬達 AC Motor			1/4 HP x 1/25		1/4 HP x 1/25		3/4 HP x 1/25		3/4 HP x 1/25		3/4 HP x 1/25	
快送速度 Rapid Speed			360 mm/min		360 mm/min		540 mm/min		540 mm/min		540 mm/min	
手輪轉速 Hand Wheel			2 mm/rev		2 mm/rev		2 mm/rev		2 mm/rev		2 mm/rev	
重量 Weight			420 kg		530 kg		740 kg		840 kg		900 kg	

本型錄規格及尺寸僅供參考，若有變更恕不另行通知
Specification subject to change without notice for improvement and modification.

特殊附件 Option

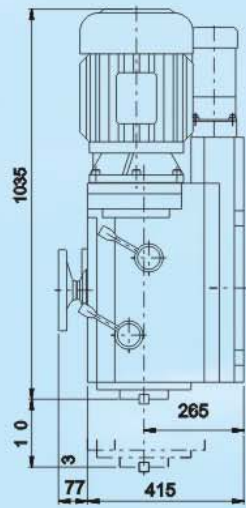
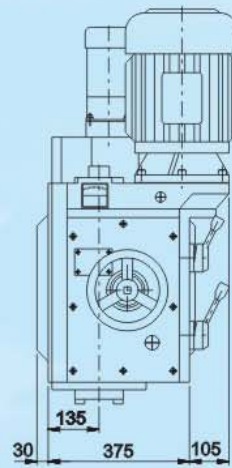
1. 氣動鎖刀機 Pneumatic Tool Lock
2. CL-06, CL-09 另使用 AC 變頻馬達 CL-06, CL-09, With 3/4hp AC motor for feeding device
3. 滾珠螺桿 Ball Screw
4. 氣壓配重 Air Balancer
5. 最大銑刀直徑 315MM Max. Cutter Dia. Can be up to 315mm

規格 Specifications	機型 Model		CL-SL	CL-L	CL-L90
主軸錐度 Spindle Taper			M.S.T-CTA 型	N.T.50#	N.T.50#
主軸端外徑 Spindle End O.D				φ128.57mm	φ128.57mm
主軸轉速 (R.P.M.) Spindle Speed (R.P.M.)			1800 R.P.M.	800 R.P.M.	800 R.P.M.
重量 Weight			20 kg	58 kg	68 kg

CL-L 銑刀最大直徑 : 200mm ; Max Dia. of CL-L cutter: 200mm



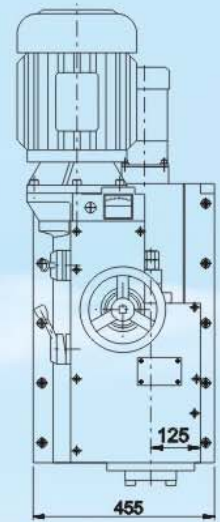
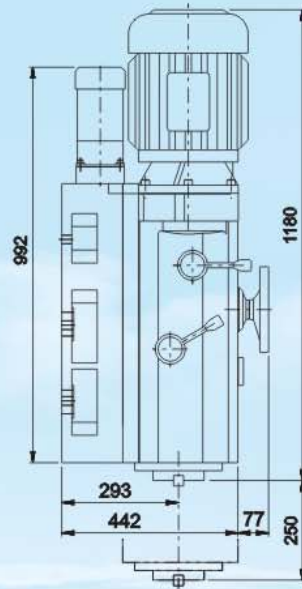
CL-06 左銑型銑頭
 ※2 L Milling Head Units



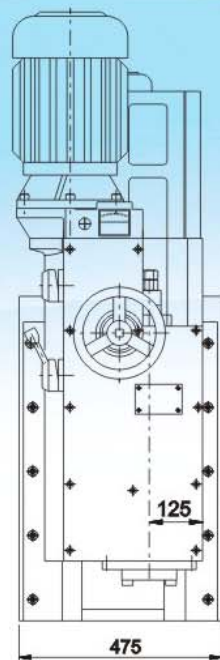
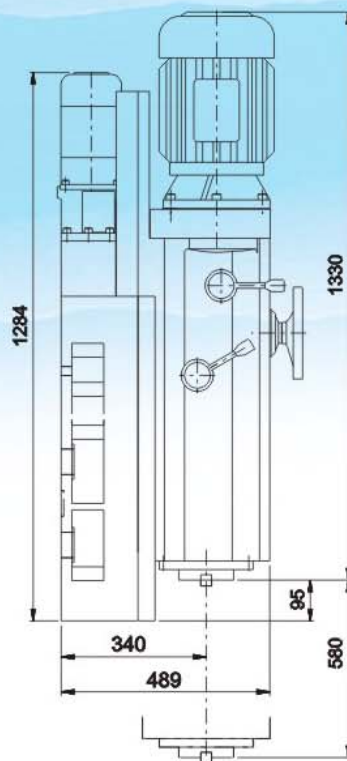
※1 R: Right Hand Side
 ※2 L: Left Hand Side



CL-09 右銑型銑頭
 ※1 R Milling Head Units

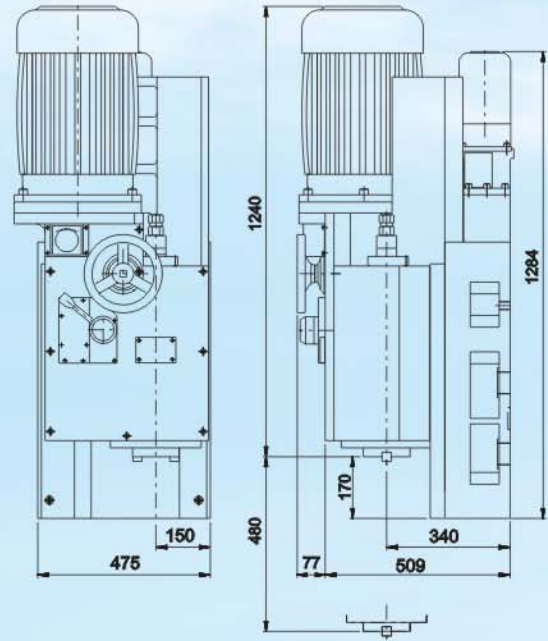


CL-09L 右銑型銑頭
 ※1 R Milling Head Units

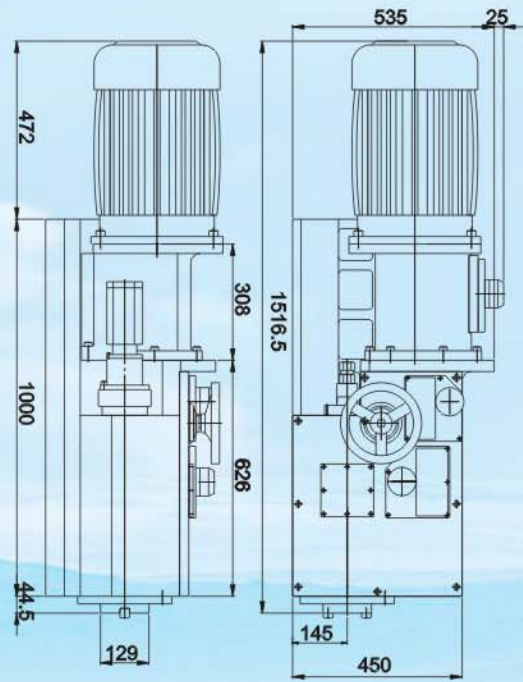




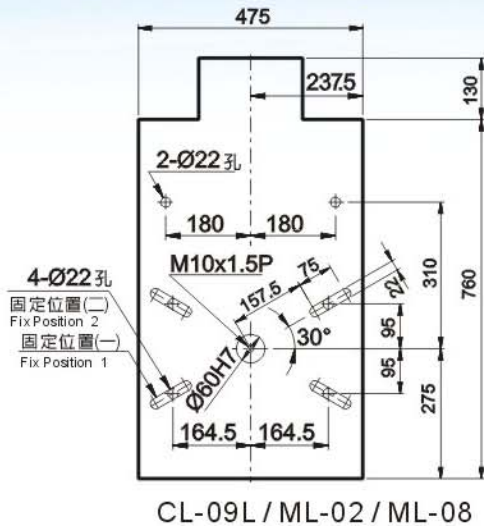
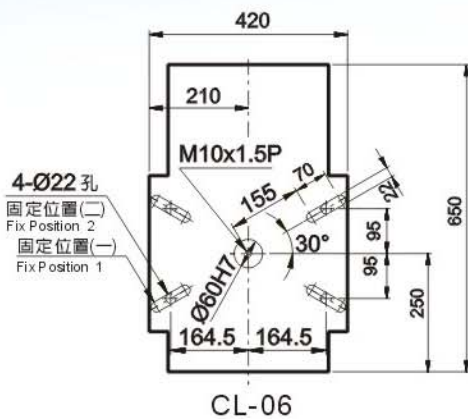
ML-02 右銑型銑頭
 ※1 R Milling Head Units



ML-08 右銑型銑頭
 ※1 R Milling Head Units



背視圖 Connecting Dimension

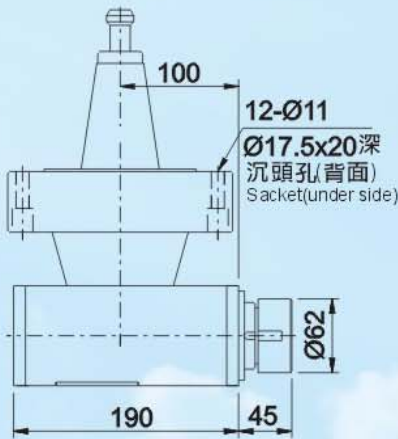


CL-06

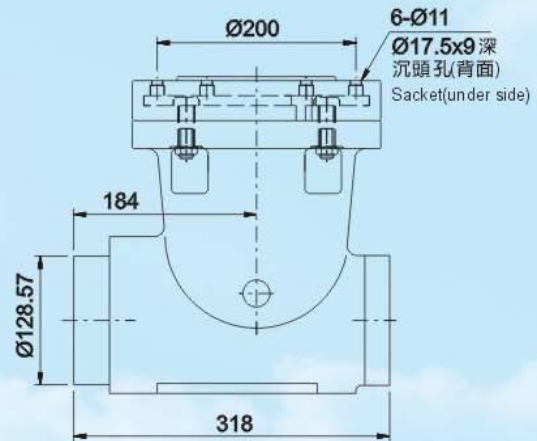
CL-09L / ML-02 / ML-08

CL-09

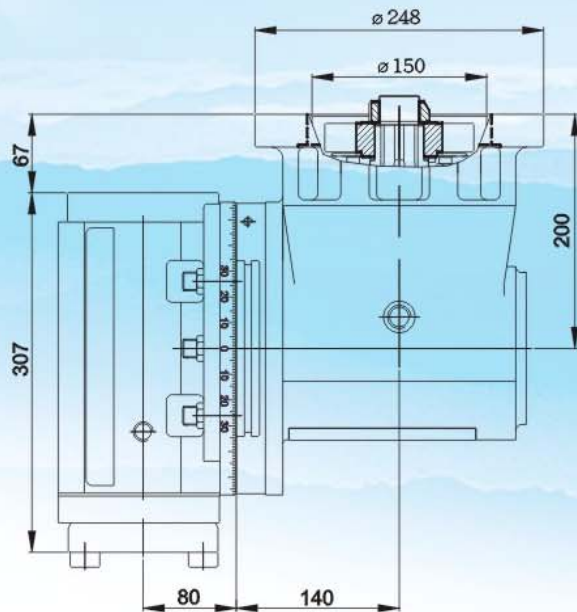
CL-SL 90° 銑頭
Angular Head



CL-L 90° 銑頭
Angular Head



CL-L90 萬向 90° 銑頭
Multi-Angular Head

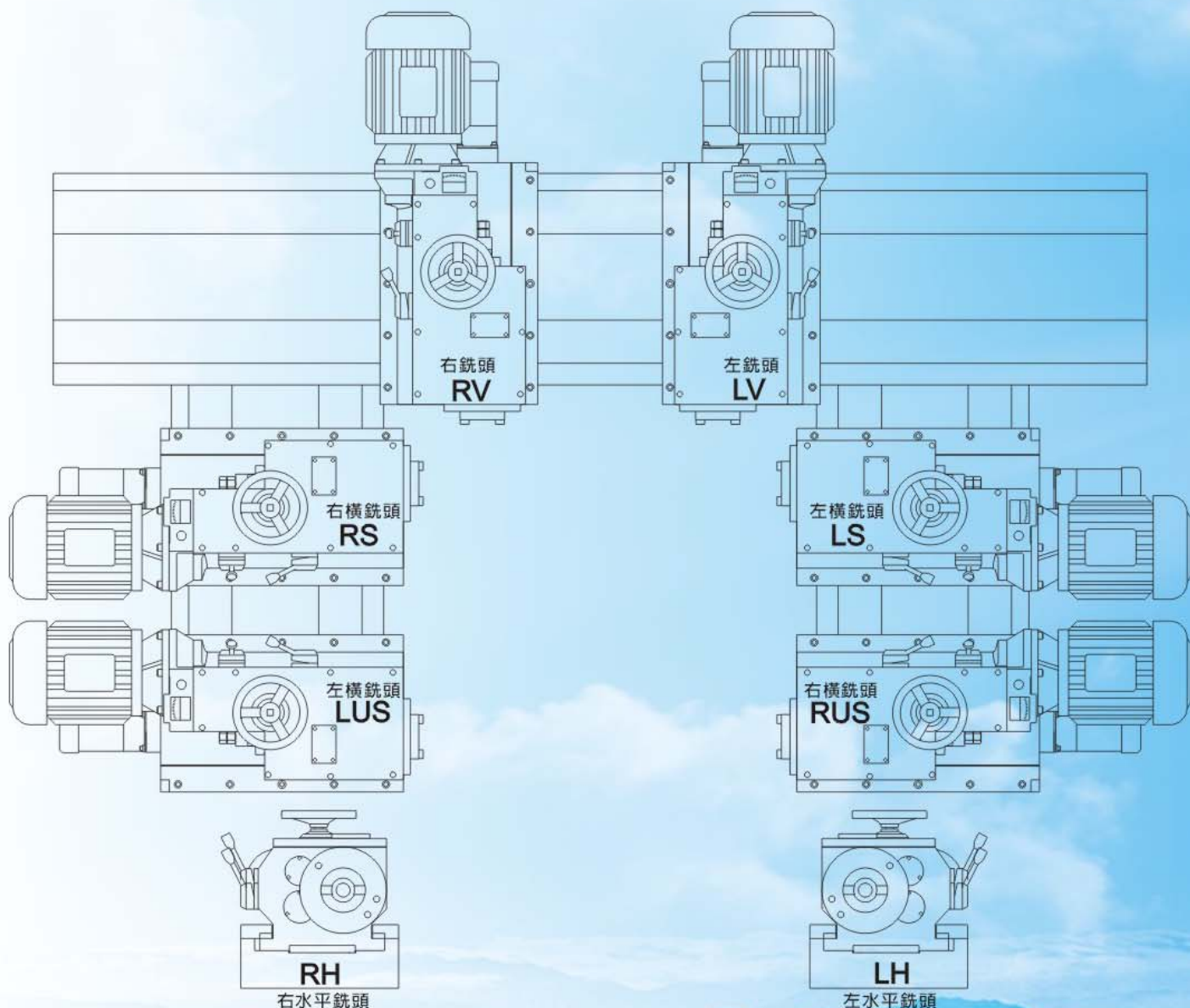


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產品特性

1. 本銑頭有左銑型及右銑型兩種，分別可作立銑、橫銑、水平銑、逆橫銑，並可加裝90度銑頭。
2. 本銑頭操作簡便，結構剛性極佳，適合安裝於龍門刨床、銑床或各種專用機上可作重切削、搪孔、鑽孔.....等，另可加裝氣動鎖、退刀裝置，左銑型及右銑型兩種銑頭，分別可作立銑、橫銑、水平銑、逆橫銑，並可加裝90度銑頭。
3. 各部位潤滑系統均是以自動幫浦或電動注油機進行強制潤滑。
4. 齒輪及軸均採用鉻鉬合金鋼 (SCM415) 經淬火後精密研磨至JIS 1級。
5. 鑄件均採用米漢納鑄鐵，經應力消除，常保銑頭精度穩定。
6. 軌道滑動面經硬化熱處理，精密研磨，確保滑動面精準耐磨。



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