

LIFU

全自動鋁電解電容器生產機器

AUTOMATIC MANUFACTURING MACHINE FOR
ALUMINUM ELECTROLYTIC CAPACITORS

MODEL LA

全自動組立機

AUTOMATIC ASSEMBLING MACHINE

- 構造簡單，可高速運轉。
- 完全採用機械傳動，不需氣壓推力。
- COMPACT CONSTRUCTURE, HIGH SPEED.
- FULLY MECHANICAL TRANSMISSION, NO AIR COMPRESSOR REQUIRED.

FEATURES:

1. This machine has the function of assembling automatically of elements, rubber bung, aluminum can with curling at the same time and formalize the naked parts.
2. The machine adopts fully machinery transmission, no air compressor is required, it is very stable, suitable for high speed operation, strong and durable.
3. The circuit apply high stability PLC program control system which can inspect automatically whenever feeding shortage or abnormal operation, and indicate breakdown condition to operator by alarm and signal light. Enables feed-stop or auto-stop once the obstacle can't be removed right away so as to prevent materials wasted and defective parts occurred.
4. Considering electrolyte corrosion all components and molds in this machine are made of special stainless steel, the accessories are durable for the long-term operation without wearing and tearing, it can also prevent the quality problem due to the impurity pollution during operation.
5. It is compact, excellent appearance, simple operate, high efficiency, easy maintenance, very low maintenance fees.
6. The machine apply for one outer diameter only and it is not changeable. The customer must specify the outer diameter of capacitors for machine, the aluminum case length is adjustable within permission range.



特性說明：

1. 本機之功能係將素子、橡膠迫緊及鋁殼自動組套並封口，使之成為電解電容器裸品。
2. 本機器完全採用機械傳動，不需使用氣壓推動，穩定性高，很適合高速運轉，堅固耐用。
3. 電路採用高安定性 PLC 可程式控制器，如發生異常或缺料時，能自動檢測，有指示燈顯示故障狀況，並可發出聲音與閃爍燈光做為警訊，告知操作人員加以排除，未能及時免除障礙時，即自動停料或停機，以避免浪費材料製造不良品。
4. 此機器各組件及模具，業經考量電解液之侵蝕性，採用耐蝕性不銹鋼加工，零件可耐長時間運轉而不致磨損，且防止作業中金屬雜質溶出污染而影響品質。
5. 本機器結構精巧，外觀精美，操作簡單，幫動率高，保養容易，維修成本極低。
6. 本機器所適用鋁殼外徑不能隨意更動，故採購時必需指定外徑，鋁殼長度可在適用範圍內加以調整。

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Manufacturer:

LIFU MACHINERY CO., LTD.

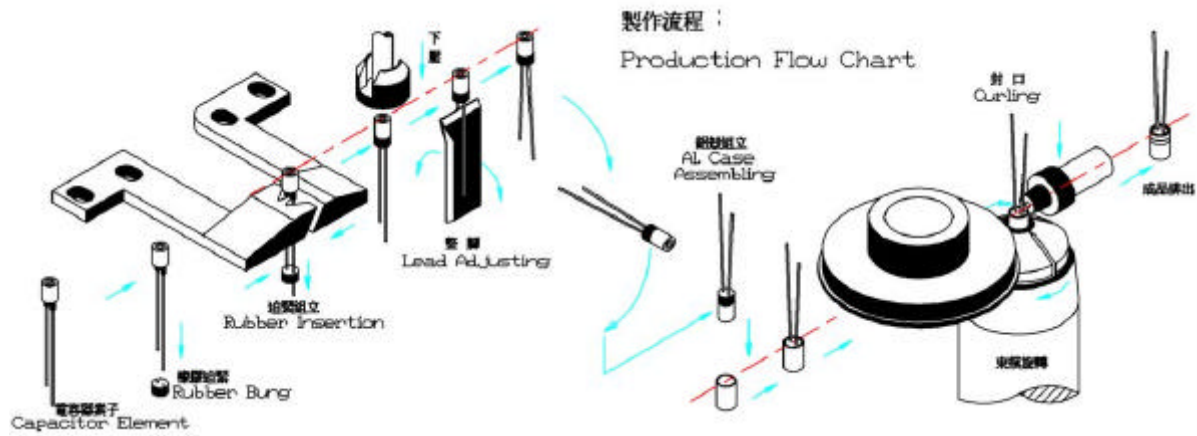
立富精機股份有限公司

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LIFU

全自動組立機 AUTOMATIC ASSEMBLING MACHINE



適用規格 Specifications: FOR HIGH SPEED

Application	M	LA-030HL	LA-040HL	LA050HL	LA063HL	LA080HL	LA100L
鋁殼外徑 Aluminum case outside dia.(m/m)		3.0±0.02	4.0±0.02	5.0±0.02	6.3±0.02	8.0±0.02	10.0±0.02
鋁殼長度 Aluminum case length(m/m)		5.1~5.3	5.3~5.6	5.3~5.6	5.3~5.7	5.3or8.6	10.5
運轉速度 Production speed(pcs/min)		70	100	110	110	100	90
膠蓋外徑 Rubber bung outside dia.(m/m)		2.3±0.1	3.3±0.1	4.3±0.1	5.6±0.1	7.3±0.1	9.3±0.1
膠蓋厚度 Rubber bung thickness(m/m)		1.5~1.8	1.5~1.8	1.5~1.8	1.5~1.8	1.5~1.8	1.5~1.8
消耗電力 Power consumption		220V S 50 OR 60 HZ 1.25HP					
機械尺寸 Machine size(cm)		L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180
淨重 Net weight(kg)		720	720	720	720	720	720

Application	M	LA-040H	LA050H	LA060H	LA063H	LA080H	
鋁殼外徑 Aluminum case outside dia.(m/m)		4.0±0.02	5.0±0.02	6.0±0.02	6.3±0.02	8.0±0.02	
鋁殼長度 Aluminum case length(m/m)		7.0~7.8	7.8 or 12.0	7.8 or 12.0	7.8 or 12.0	11.8	
運轉速度 Production speed(pcs/min)		110	120	120	120	100	
膠蓋外徑 Rubber bung outside dia.(m/m)		3.3±0.1	4.3±0.1	5.3±0.1	5.6±0.1	7.3±0.1	
膠蓋厚度 Rubber bung thickness(m/m)		2.6±0.1	2.6or3.3±0.1	2.6or3.3±0.1	2.6or3.3±0.1	2.6or3.3±0.1	
消耗電力 Power consumption		220V S 50 OR 60 HZ 1.25HP					
機械尺寸 Machine size(cm)		L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X108X180
淨重 Net weight(kg)		720	720	720	720	720	750

Application	M	LA-100H				
鋁殼外徑 Aluminum case outside dia.(m/m)		10.0±0.02				
鋁殼長度 Aluminum case length(m/m)		12				
運轉速度 Production speed(pcs/min)		90				
膠蓋外徑 Rubber bung outside dia.(m/m)		9.4±0.1				
膠蓋厚度 Rubber bung thickness(m/m)		4.0±0.1				
消耗電力 Power consumption		220V S 50 OR 60 HZ 1.25HP				
機械尺寸 Machine size(cm)		L X W X H 130X118X180				
淨重 Net weight(kg)		750				

備注:

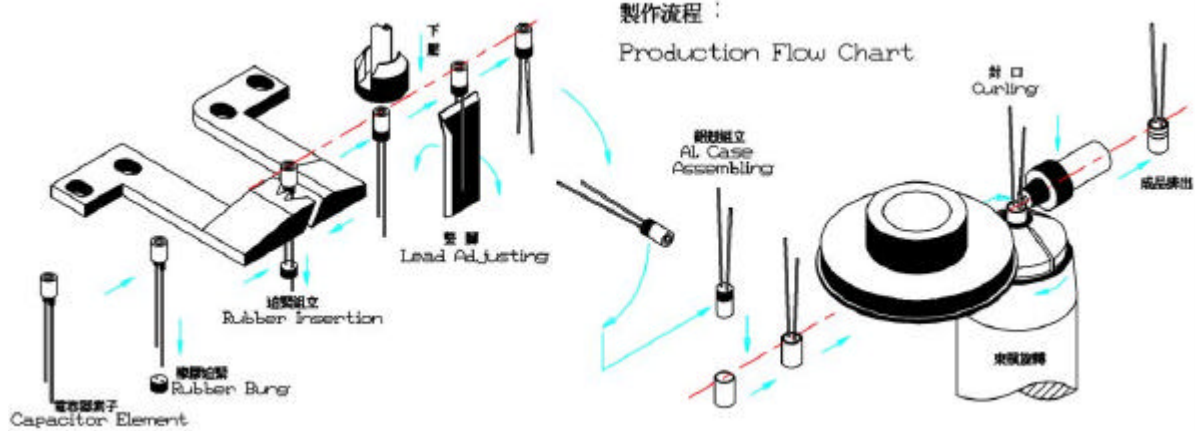
- 各種機型所適用鋁殼長度於訂購時需加指定，其適用範圍請事先與本公司商洽。
- 本公司保留機器修改或變更之權利。

Remark :

- Aluminum case length should be specified when ordering and negotiation with our engineers on application range is require
- Any modification or change on machines may be adopted with notice .

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全自動組立機 AUTOMATIC ASSEMBLING MACHINE



適用規格 Specifications:

Application	LA-040	LA050	LA060	LA063	LA080	LA081
鋁殼外徑 Aluminum case outside dia.(m)	4.0±0.02	5.0±0.02	6.0±0.02	6.3±0.02	8.0±0.02	8.0±0.02
鋁殼長度 Aluminum case length(m/m)	7.0~7.8	7.8 or 12.0	7.8 or 12.0	7.8 or 12.0	11.8or16.0	16.0or20.0
運轉速度 Production speed(pcs/min)	80	80 or 90	80 or 90	80 or 90	80	70
膠蓋外徑 Rubber bung outside dia.(m/m)	3.3±0.1	4.3±0.1	5.3±0.1	5.6±0.1	7.3±0.1	7.3±0.1
膠蓋厚度 Rubber bung thickness(m/m)	2.6±0.1	2.6or3.3±0.1	2.6or3.3±0.1	2.6or3.3±0.1	2.6or3.3±0.1	3.4±0.15
消耗電力 Power consumption	220V S 50 OR 60 HZ 1.25HP					
機械尺寸 Machine size(cm)	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X108X180
淨重 Net weight(kg)	720	720	720	720	720	750

Application	LA-100	LA101	LA130	LA131	LA160	LA161
鋁殼外徑 Aluminum case outside dia.(m)	10.0±0.02	10.0±0.02	12or13±0.02	12or13±0.02	16.0±0.02	16.0±0.02
鋁殼長度 Aluminum case length(m/m)	12~16or20	25or30	16or20or26	32or36	20or26or32	32or36
運轉速度 Production speed(pcs/min)	70or65	55	55	40	50	40
膠蓋外徑 Rubber bung outside dia.(m/m)	9.4±0.1	9.4±0.1	11.4,12.4±0.1	11.4,12.4±0.1	15.4±0.1	15.4±0.1
膠蓋厚度 Rubber bung thickness(m/m)	4.0±0.1	4.0±0.1	5.0±0.1	5.0±0.1	6.0±0.1	6.0±0.1
消耗電力 Power consumption	220V S 50 OR 60 HZ 1.25HP					
機械尺寸 Machine size(cm)	L X W X H 130X118X180	L X W X H 130X118X180	L X W X H 130X128X180	L X W X H 130X128X180	L X W X H 130X128X180	L X W X H 130X128X180
淨重 Net weight(kg)	750	750	780	780	780	780

Application	LA-181	LA201	LA221	LA251		
鋁殼外徑 Aluminum case outside dia.(m)	18.0±0.02	20.0±0.02	22±0.02	25±0.02		
鋁殼長度 Aluminum case length(m/m)	30~45	35~50	35~50	35~50		
運轉速度 Production speed(pcs/min)	45~40	45~40	40~35	40~35		
膠蓋外徑 Rubber bung outside dia.(m/m)	11.3±0.1	19.3±0.1	21.3±0.1	24.3±0.1		
膠蓋厚度 Rubber bung thickness(m/m)	6.0±0.1	6.0±0.1	7.0±0.1	7.0±0.1		
消耗電力 Power consumption	220V S 50 OR 60 HZ 1.25HP					
機械尺寸 Machine size(cm)	L X W X H 130X118X180	L X W X H 130X118X180	L X W X H 130X128X180	L X W X H 130X128X180		
淨重 Net weight(kg)	850	850	850	850		

備注:

1. 各種機型所適用鋁殼長度於訂購時需加指定，其適用範圍請事先與本公司商洽。
2. 本公司保留機器修改或變更之權利。

Remark :

1. Aluminum case length should be specified when ordering and negotiation with our engineers on application range is re-qui
2. Any modification or change on machines may be adopted wit notice .

LIFU

全自動鋁電解電容器生產機器

AUTOMATIC MANUFACTURING MACHINE FOR
ALUMINUM ELECTROLYTIC CAPACITORS

MODEL LS

全自動套膠管機

AUTOMATIC SLEEVING MACHINE

- 構造簡單，可高速運轉。
- 完全採用機械傳動，不需氣壓推力。
- COMPACT CONSTRUCTURE, HIGH SPEED.
- FULLY MECHANICAL TRANSMISSION, NO AIR COMPRESSOR REQUIRED.

FEATURES:

1. Automatically sleeving process by inserting PVC sleeve to the naked capacitors and shrinking by hot air forms the complete capacitors.
2. The machine adopts fully machinery transmission no air compressor is required, it's very stable, suitable for high speed operation, strong and durable.
3. This machine equipped with a sub-rotary vibrating plate enables materials feeding smoothly and reliable.
4. The circuit apply high stability PLC program control system which can inspect automatically and indicate the abnormal condition to operators with two kinds of alarm and signal light.
5. Special sleeve polarity double inspection device can prevent thoroughly the occurrence of polarity-reverse.
6. This machine use retard motor to transmit sleeve and makes sleeve feeding smoothly. The length limit of sleeve is 400M and leads to a reduction on replacement frequencies and loss.
7. Wear and corrosion resistance is the result of using harden alloy steel plated with chromium for upper parts of machine.
8. The machine apply for one outer diameter only and it is not changeable. The customer must specify the outer diameter of capacitors for machine, the length is adjustable within permission range.



特性說明：

1. 本機器功能係將 PVC 膠管套入電容器裸品，並以熱風使膠管收縮，使成爲電解電容器產品。
2. 完全採用機械傳動，不需使用氣壓推力，很適合高速運轉，堅固耐用，維修費極低。
3. 振動盤採用子母送料盤，使供料順暢可靠。
4. 電路採用高安定性 PLC 可程式控制器，自動檢測，能將不良狀況以兩種警報及燈號閃光加以顯示，告知操作人員。
5. 本機設有套管極性雙重檢知裝置，徹底防止產生極性相反狀況。
6. 採用減速馬達輸送套管，運轉順暢，膠管最長長度可達 400M，減少更換時間及損耗。
7. 上半部機件採用合金鋼，經硬化處理，再行鍍鉻處理，以達到耐磨，耐腐蝕之目地。
8. 本機器所適用電容器外徑，不能隨意更動，長度則可在適用範圍內加以調整。

Manufacturer:

LIFU MACHINERY CO., LTD.

立富精機股份有限公司

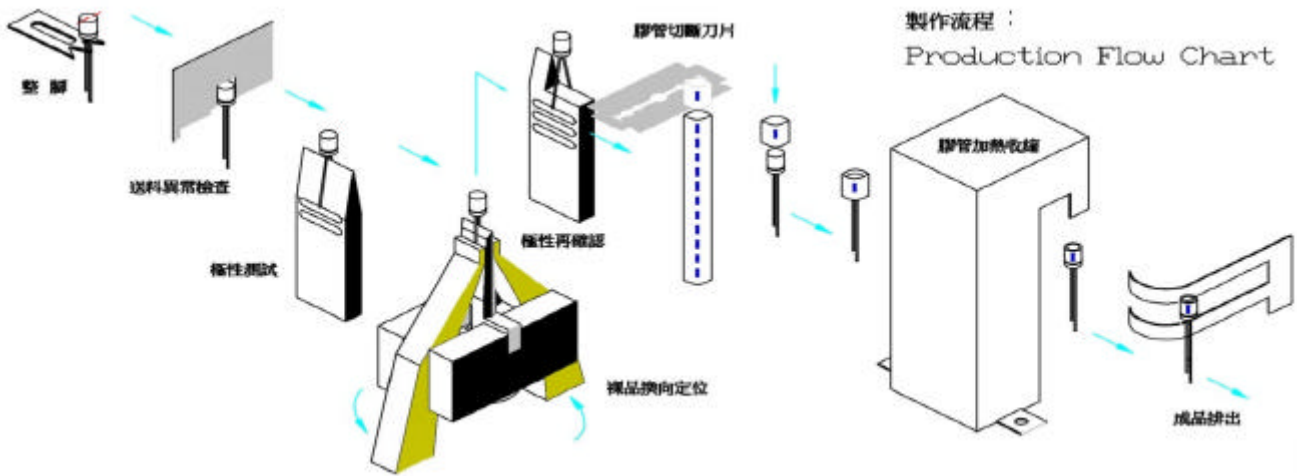
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LIFU

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全自動套膠管機 AUTOMATIC SLEEVING MACHINE



適用規格 Specifications: FOR HIGH SPEED

Application	LS-030HL	LS-040HL	LS050HL	LS063HL	LS080HL	LS100HL
裸品外徑 Naked part outside dia.(m/m)	3.0±0.02	4.0±0.02	5.0±0.02	6.3±0.02	8.0±0.02	8.0±0.02
裸品長度 Naked part case length(m/m)	5.1~5.3	5.3~5.6	5.3~5.6	5.3~5.7	5.3~8.6	10.5
運轉速度 Production speed(pcs/min)	70	110	110	110	100	90
膠管長度 Length of rolled sleeves(M/roll)	400M Max.					
消耗電力 Power consumption 220V S	1 HP + 1 KW					
機械尺寸 Machine size(cm)	L X W X H 136X98X175	L X W X H 136X98X175	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180
淨重 Net weight(kg)	530	530	530	530	530	530

Application	LS-040H	LS050H	LS060H	LS063H	LS080H	
裸品外徑 Naked part outside dia.(m/m)	4.0±0.02	5.0±0.02	6.0±0.02	6.3±0.02	8.0±0.02	
裸品長度 Naked part case length(m/m)	7.0~7.8	7.8 or 12.0	7.8 or 12.0	7.8 or 12.0	11.8	
運轉速度 Production speed(pcs/min)	110	120	120	120	100	
膠管長度 Length of rolled sleeves(M/roll)	400M Max.					
消耗電力 Power consumption 220V S	1 HP + 1 KW					
機械尺寸 Machine size(cm)	L X W X H 136X98X175	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X108X180
淨重 Net weight(kg)	530	530	530	530	530	600

Application	LS-100					
裸品外徑 Naked part outside dia.(m/m)	10.0±0.02					
裸品長度 Naked part case length(m/m)	12					
運轉速度 Production speed(pcs/min)	90					
膠管長度 Length of rolled sleeves(M/roll)	400M Max.					
消耗電力 Power consumption 220V S	1 HP + 1 KW			1.5HP + 1.2KW		
機械尺寸 Machine size(cm)	L X W X H 136X98X175					
淨重 Net weight(kg)	600					

備注：

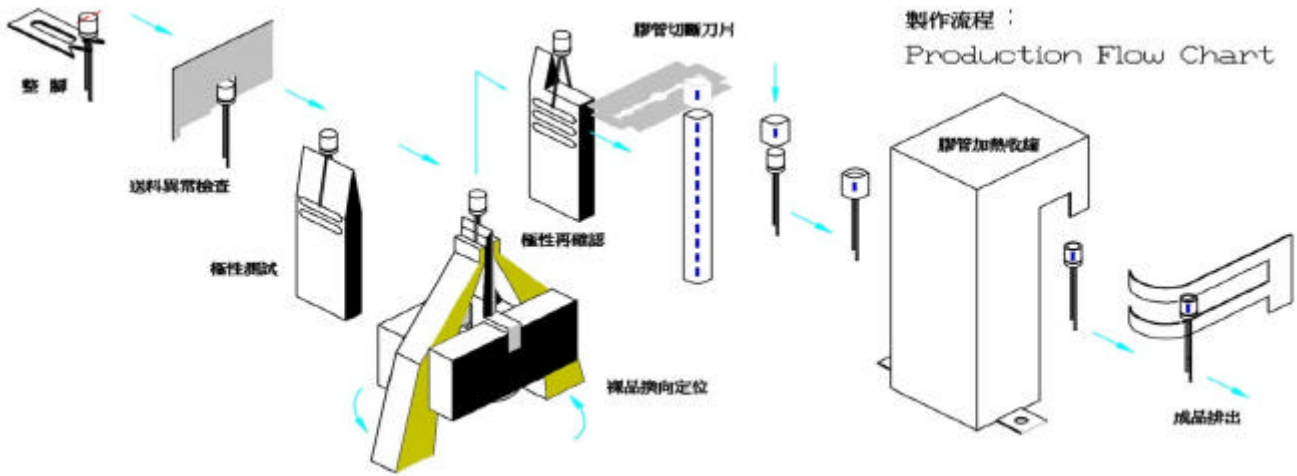
1. 各種機型所適用鋁殼長度於訂購時需加指定，其適用範圍請事先與本公司商洽。
2. 本公司保留機器修改或變更之權利。

Remark :

1. Aluminum case length should be specified when ordering and negotiation with our engineers on application range is required.
2. Any modification or change on machines may be adopted with notice.

LIFU

全自動套膠管機 AUTOMATIC SLEEVING MACHINE



適用規格 Specifications:

Application	LS-040	LS050	LS060	LS063	LS080	LS081
裸品外徑 Naked part outside dia.(m/m)	4.0±0.02	5.0±0.02	6.0±0.02	6.3±0.02	8.0±0.02	8.0±0.02
裸品長度 Naked part case length(m/m)	7.0~7.8	7.8 or 12.0	7.8 or 12.0	7.8 or 12.0	11.8or16.0	16.0or20.0
運轉速度 Production speed(pcs/min)	80	80 or 90	80 or 90	80 or 90	80	70
膠管長度 Length of rolled sleeves(M/roll)	400M Max.					
消耗電力 Power consumption 220V S	1 HP + 1 KW					
機械尺寸 Machine size(cm)	L X W X H 136X98X175	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X98X180	L X W X H 130X108X180
淨重 Net weight(kg)	530	530	530	530	530	600

Application	LS-100	LS101	LS130	LS131	LS160	LS161
裸品外徑 Naked part outside dia.(m/m)	10.0±0.02	10.0±0.02	12or13±0.02	12or13±0.02	16.0±0.02	16.0±0.02
裸品長度 Naked part case length(m/m)	12or16or20	25or30	16or20or25	32or36	20or26or32	32or36
運轉速度 Production speed(pcs/min)	70or65	55	55	40	50	40
膠管長度 Length of rolled sleeves(M/roll)	400M Max.					
消耗電力 Power consumption 220V S	1 HP + 1 KW			1.5HP + 1.2KW		
機械尺寸 Machine size(cm)	L X W X H 136X98X175	L X W X H 130X118X180	L X W X H 130X128X180	L X W X H 130X128X180	L X W X H 130X128X180	L X W X H 130X128X180
淨重 Net weight(kg)	600	600	650	650	650	650

Application	LS-181	LS201	LS221	LS251		
裸品外徑 Naked part outside dia.(m/m)	18.0±0.02	20.0±0.02	22±0.02	25±0.02		
裸品長度 Naked part case length(m/m)	30~45	35~50	35~50	35~50		
運轉速度 Production speed(pcs/min)	45~40	45~40	40~35	40~35		
膠管長度 Length of rolled sleeves(M/roll)	400M Max.					
消耗電力 Power consumption 220V S	1.5HP + 1KW x 2					
機械尺寸 Machine size(cm)	L X W X H 136X98X175	L X W X H 130X118X180	L X W X H 130X128X180	L X W X H 130X128X180		
淨重 Net weight(kg)	750	750	750	750		

備注：

- 各種機型所適用鋁殼長度於訂購時需加指定，其適用範圍請事先與本公司商洽。
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