

# SSI PUMP 泵浦使用說明書

## 產品規格 (Product Specifications)

機種 (Models): 氣動螺桿式高黏泵浦 Air-operated High Viscosity Pumps

型號 (Type): AHP271

入口徑 (Inlet caliber): 54MM 出口徑 (Outlet caliber): 1 1/2 英寸

流量 (Flow): 10-50L/MIN 耐溫 (Temperature): MAX 100°C

最高適用黏度 (Maximum viscosity): 60,000cps

重量 (Weight): 20KG

馬達 (Motor): 葉片式氣動馬達 Air Motor 功率: 4HP/3KW

揚程 (Head): 10M

轉速 (Motor speed): 3,000 rev/min

產地: 台灣 Made in Taiwan

## 泵浦材質 (Pump Material)

外管材質: 不鏽鋼 Outer tube material: Stainless steel

機械軸封材質: 鐵氟龍 Mechanical seal material: Teflon

轉子材質: 高週波鉻鉬合金鍍鉻鋼棒 Rotor Material: High Frequency Cr-Mo alloy chrome steel bar (SCM4)

定子材質: 鐵氟龍 Stator Material: Teflon

主軸材質: 不鏽鋼 Spindle Material: Stainless steel

## 安裝指示(Installation instructions)

連接液體出口軟管到泵浦，再連接氣壓源到泵浦上，開啟開關後即可使用。

By using the pump, just turn on the switch after connecting the liquid outlet hose to the pump and also connecting to the air pressure source.

## 操作指示(peration Instrutions)

泵浦操作不當可能會導致泵浦故障甚至造成嚴重的人員傷害，

使用前請先閱讀所有說明手冊、標記和標籤內容。

Pump misuse can cause the equipment to rupture and result in serious injury. Read all instruction manuals, tags, and labels before operating the pump.

1. 連接氣壓源之前，氣動馬達開關必須是關閉的。
2. 泵浦只能在直立狀態下運轉。
3. 此泵浦為手提工具，使用時不可無人看管。
4. 當容器內液體抽取完畢時，須立即關掉開關。
5. 操作前請確認所有的連接及零件是緊密的。
6. 請注意泵浦的最高耐溫。

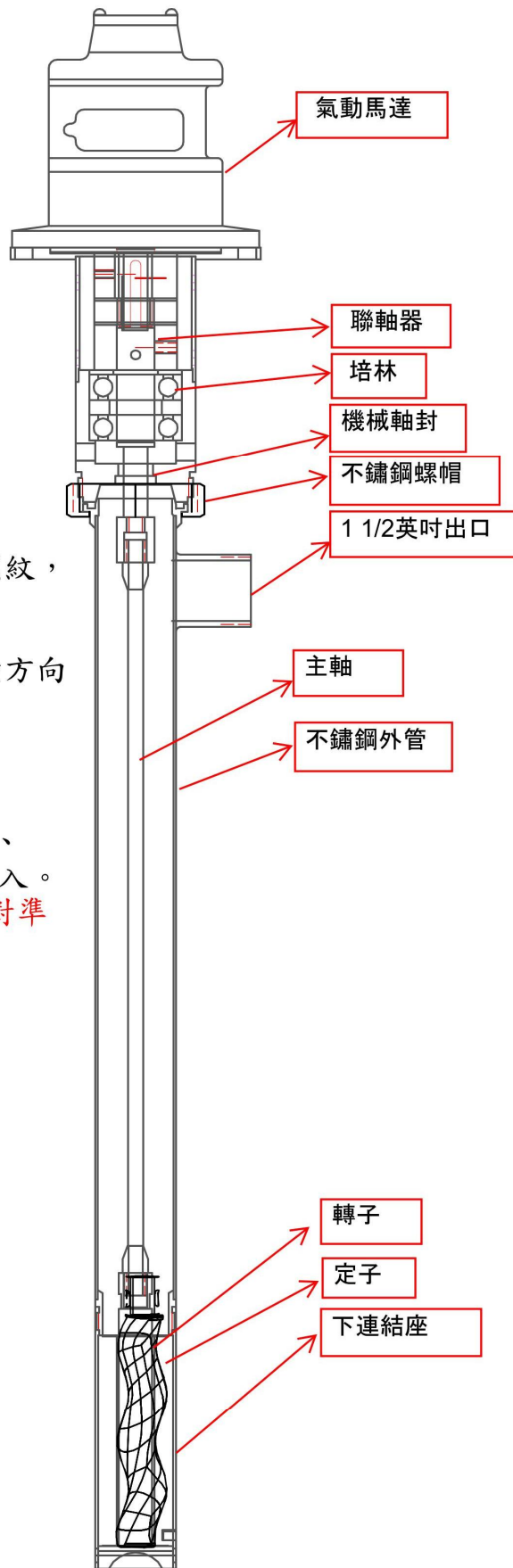
- Ensure that the air motor is switched off before connecting to the air pressure Source.
- The pump may only be operated in an upright position.
- The pump is a hand-held appliance and must not be left unattended.
- When the liquid container extraction is completed, they must immediately turn off the switch.
- Ensure that all connections and fittings are properly tightened.
- Note the temperature limits.

## 警告事項 (Safety Warnings)

1. 請使用7HP以上的空壓機，並請務必使用三點組合。
2. 抽取過程中不可讓液體浸入馬達。
3. 不可將手伸入泵浦入口部位。
4. 請充分了解所使用液體或溶劑的特性與危險。
5. 所使用的流體或溶劑必須和接觸液體部位相容。
6. 請勿任意拉扯連接在泵浦上的軟管
7. 容器在低水位時，泵浦運轉會有濺射之可能，當抽取危險液體時務必將容器上蓋。
8. 當抽取危險液體時，操作人員必須穿著適當的防護衣、防護面具或護目鏡、以及手套。

- 7HP air compressor with the the above need, and be sure to use the air preparation unit
- The motor must not be immersed in the liquid being pumped.
- Do not reach into the intake port of the pump.
- Please fully understand the characteristics and dangerous of liquid or solvent
- Fluids and solvents used in contact with the liquid parts must be compatible.
- Do not pull any hoses that connect to the pump
- At low level of the container splash can occur at the pump foot during operation. When pumping hazardous liquids it is recommended to use containers with cover.
- The pump operator must wear suitable protective clothing, face mask or goggles, apron and gloves when pumping hazardous liquids.

氣動螺桿式高黏泵浦剖面結構圖



泵浦拆解、組裝、清洗步驟：

1. 泵浦外管底端連結為左牙螺紋，請先以順時鐘方向將入口的下連結座轉出。
2. 待螺牙分離後，再以反時鐘方向轉出定子。
3. 再以工具放鬆三通部位的不鏽鋼螺帽，即可將不鏽鋼外管徹底取下進行清洗。
- d. 組合時依序將不鏽鋼外管、定子及下連結座，以反方向轉入。  
(註：橡膠定子底端圓孔必須對準下連結座的插梢。)