

## 1. 驅動鏈輪

驅動鏈輪由SUS輪座與強化尼龍齒輪組合而成。襯套組件帶有剪力銷，當刮泥機超載運行時，剪力銷斷裂，使鏈輪與馬達動力分離，同時會有一警報銷凸出，刮泥機停止運轉並發出異常訊息。

### Drive Chain Sprocket

Drive chain sprocket is constructed by stainless steel retaining ring and cast nylon-6 gear wheel. It provide with set screws for attachment to the driving reducer output shaft.



## 2. 刮泥鏈輪

強化尼龍刮泥鏈輪分23齒與17齒兩種，均帶有保護輪緣，以確保鏈條運行平穩，均採2片分體式，安裝容易。

### Chain Sprocket

Chain sprocket is made of cast nylon-6. The split construction is easily for installation and maintenance. Sprocket hub is secured by stainless steel bolts.



## 3. 驅動鏈條

驅動鏈條採用強化尼龍樹脂製造，採用不鏽鋼銷軸。(節距:66.27mm)

### Drive Chain

Drive chain is made of Glass Reinforced Nylon, it has the features of high strength, light weight and superior corrosion resistance. Pins are machined from stainless steel. (Pitch:66.27mm)

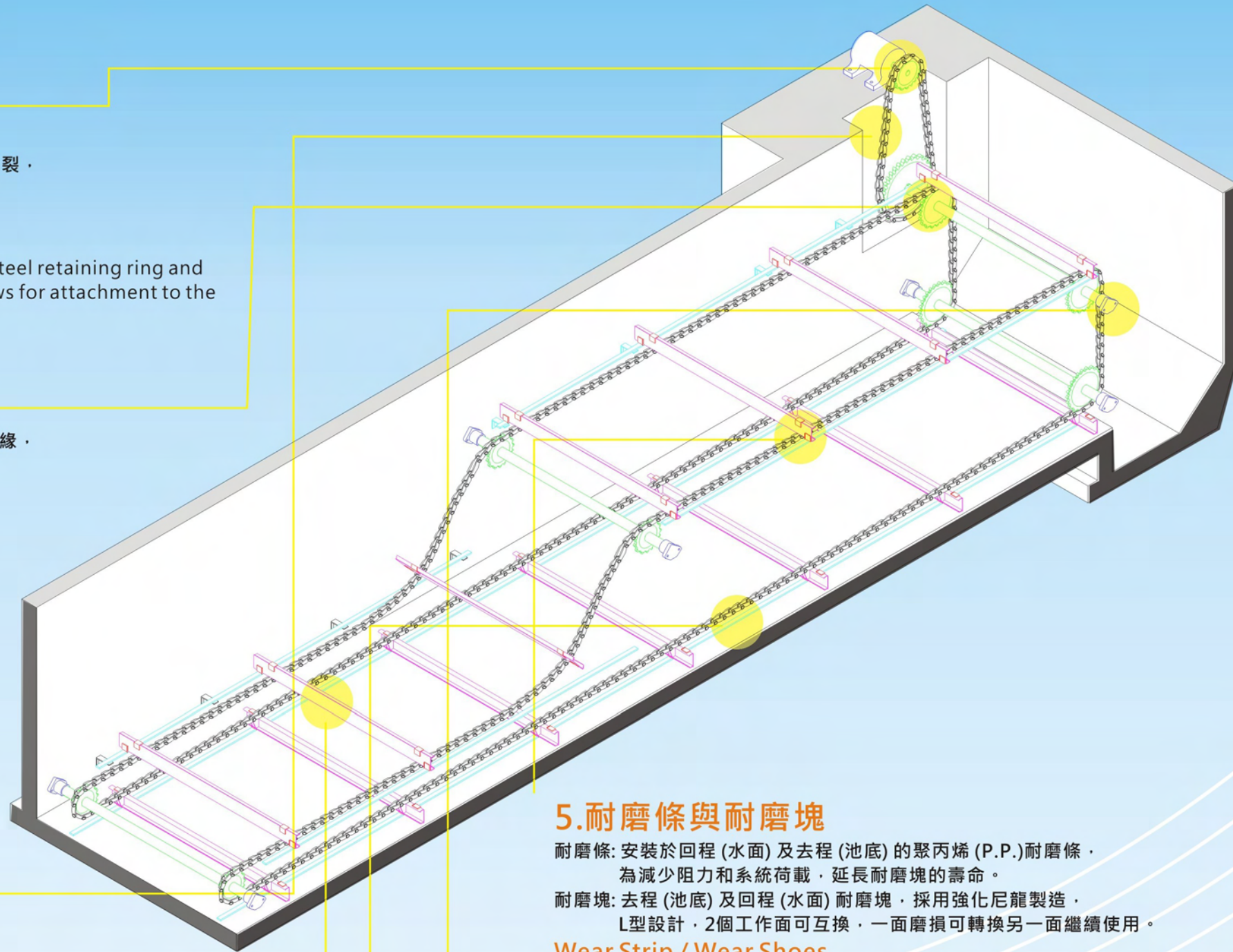


## 4. 刮泥鏈條

刮泥鏈條採用強化尼龍樹脂一體成型製造每個鏈節只需3個零件組成，基於強度、疲勞磨損等因素，工作負荷 $\geq 1409$  kgf，拉力強度 $\geq 3100$  kgf (節距:152.4mm[6in])

### Collect Chain

Collect chain is made of cast nylon-6, and is specially designed / molded in one piece. Minimum rated working load at 1409 kgf, overall strength-to-weight not less than 3100 kgf. (Pitch:152.4mm[6in])



## 5. 耐磨條與耐磨塊

耐磨條: 安裝於回程(水面)及去程(池底)的聚丙烯(P.P.)耐磨條，為減少阻力和系統荷載，延長耐磨塊的壽命。

耐磨塊: 去程(池底)及回程(水面)耐磨塊，採用強化尼龍製造，L型設計，2個工作面可互換，一面磨損可轉換另一面繼續使用。

### Wear Strip / Wear Shoes

Wear Strip: Polypropylene Wear Strip supplied for bolting with stainless steel hardware to directly to the tank concrete floor.

Wear Shoes: Made of cast nylon-6, it is reversible with two useful friction sides.



## 6. FRP刮板

配合不同池寬的設計需求，刮板有不同強度的外型設計。

### Scraper Flights

Sludge flight are manufactured of fiberglass reinforced plastic, designed specifically for sludge collector service.



## 7. UHMW-PE自潤軸承

軸承與軸之接觸介質為超高分子量聚乙烯(UHMW-PE)以減少磨擦，且無需特別潤滑。

### UHMW-PE Plain Bearing

The UHMW-Polyethylene Plain Bearing Shell can offer a lower coefficient of friction, the key advantage is that it can operated reliably without a continuous supply of lubricant.

