

## h. 進口方向性植毛濾帶 (選購配備)

### FIBER Filter Belt (Option)

#### ■ 特點：

- ◆ 粗網目基布之開孔率高，具有高透水特性。
- ◆ 立毛纖維之高摩擦力，可有效攔阻污泥及聚集污泥並防止側漏。
- ◆ 對於難處理之含油污泥、黏性污泥、活性污泥等脫水效果顯著。

#### ■ Features：

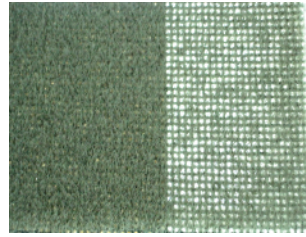
- ◆ Percentage open area of the thick mesh kieb is high, has the high water percolation characteristic.
- ◆ Sets up the wool textile fiber the high friction force, but detains the sludge and the accumulation sludge effectively and prevents the side to leak.
- ◆ Oiliness of sludge regarding difficult processing, stickiness sludge, active sludge and so on the dehydrated effect is remarkable.

#### ■ 運用說明：

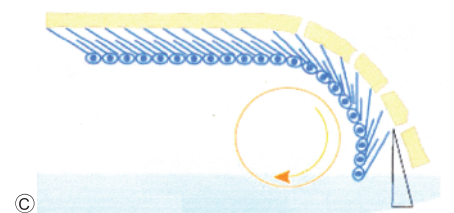
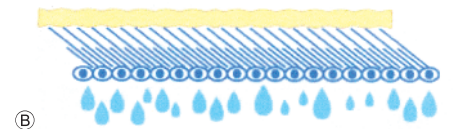
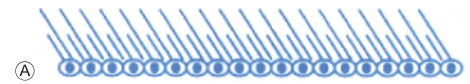
- 脫水前：濾帶尚未加壓時，立毛傾斜站立於基布；濾帶開孔濾大，易於濾水及污泥聚集。
- 脫水時：加壓脫水時，立毛纖維呈現同方向倒下狀態。濾液大量藉由毛細現象排出。污泥則被阻隔集於高密度之濾毛上，不會有測溢及堵塞的問題。
- 脫水後：除壓後立毛纖維會自動恢復彈性，泥餅會被彈起完全剝離，毛端上污泥殘留少，不易堵塞。

#### ■ Dehydrated process：

- Before Dehydration：Filters not to pressurize time, sets up the wool incline to stand in filter; the belt opening to filter in a big way, easy filtered water and sludge accumulation.
- During Dehydration：When compression dehydration, sets up the wool textile fiber to present the same direction to drop down the condition. Filtrates discharges massively because of the capillarity. The sludge is cut off the accumulation to filter in the high density on the wool, will not have the side to overflow and the jamming question.
- After Dehydration：After the decompression, will set up the wool textile fiber self-recovery elasticity, the filter cake will be shot gets up strips completely, the wool will carry the sludge to remain few, will not be easy to stop up.



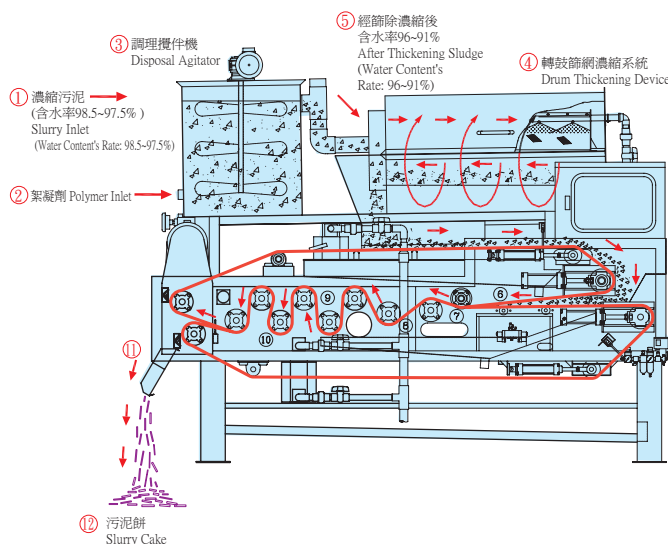
(含油污泥脫水實例)  
(Example for oil-retaining sludge cake outlet)



## 處理流程示意說明 Treatment Flowchart

### a. 二段式轉鼓濃縮／脫水一體機

Two Stage Type Rotary Drum Thickening / Dehydrating Belt Presses



### b. 二段式濾帶濃縮／脫水一體機(參濾帶式)

Two Stage Type Gravity Belt Thickening / Dehydrating Belt Presses (Triple- Belt Presses)

