



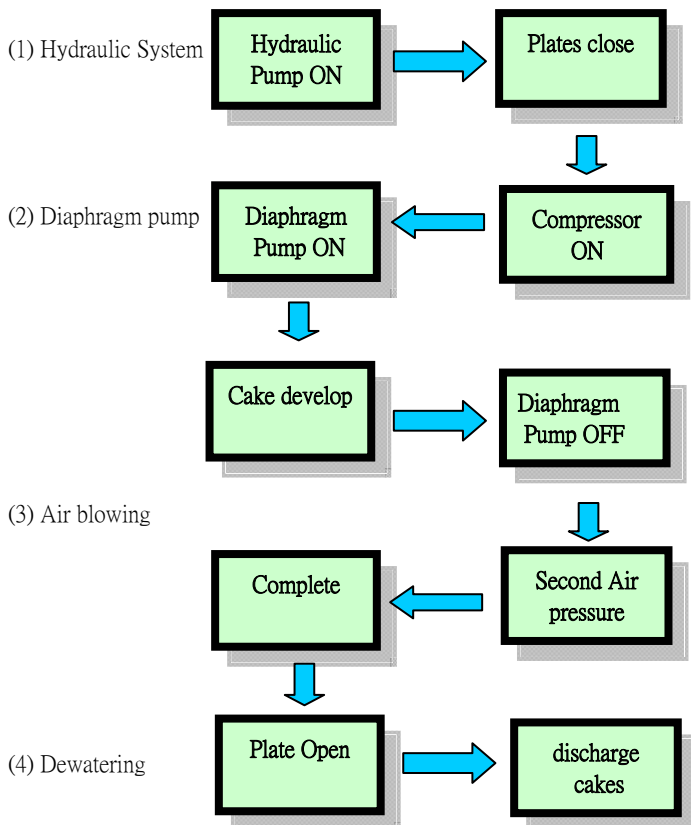
**HFD TYPE PLATE FILTER**

**Purpose:** Dewatering the sludge from wastewater treatment plant.

**Application:** Sludge from WTP  
 Metal Finishing Waste  
 Electroplating Industry  
 PC Board Industry  
 Milling Industry  
 Chemical Processing Industry

In the plate filter press, dewatering is accomplished by forcing the water from the sludge under high pressure. The sludge is pumped into the filter press chambers and the filtrate is pressed through the filter clothes as pumping pressure increases. The dewatered sludge is retained inside the press chambers and moved as the sludge cake after a press run.

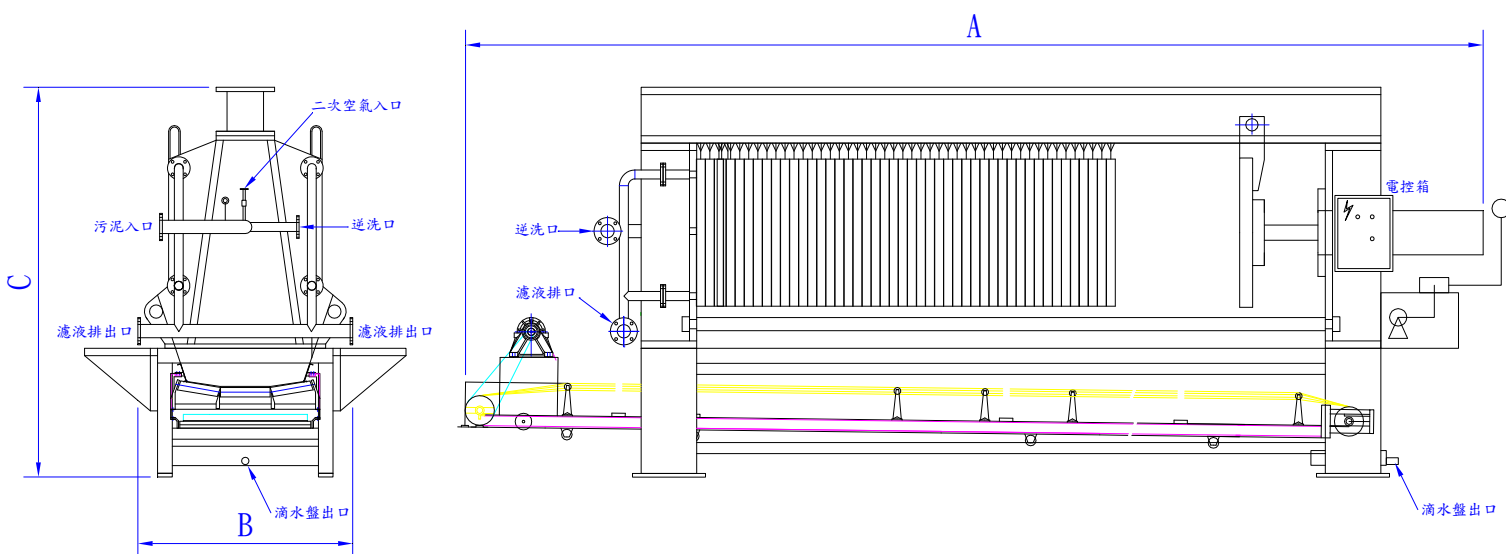
**Procedure**



**Advantages:**

- ✳ Suspending Design. Easy to remove and re-assemble, easy to operate and maintain.
- ✳ Parts assembling. Easy to dispart and re-assemble while moving.
- ✳ Hydraulic pressure. Auto plate open.
- ✳ Sludge cake carried away by conveyor
- ✳ Cycling backwash water clean up

# Filter Press Drawings



## HFD TYPE PLATE FILTER PRESS

### SPECIFICATIONS

Model	Plate No.	Filter Area (m <sup>2</sup> )	Filter Volume (L)	Power (Hp)	Dimension A×B×C (mm)
HFD-100-10	10	13.3	180 / 220	Oil Press : 5	3970 × 1400 × 2650
HFD-100-20	20	26.7	360 / 440		4620 × 1400 × 2650
HFD-100-30	30	40.0	540 / 660	Conveyor : 1	5270 × 1400 × 2650
HFD-100-40	40	53.3	720 / 880		6020 × 1400 × 2650
HFD-100-50	50	66.7	900 / 1100	Compressor : 7.5	6570 × 1400 × 2650
HFD-100-60	60	80.0	1080 / 1320		7120 × 1400 × 2650
HFD-120-10	10	20.2	280 / 340	Oil Press : 5	4170 × 1600 × 2650
HFD-120-20	20	42.6	560 / 680		4820 × 1600 × 2650
HFD-120-30	30	65.0	840 / 1020	Conveyor : 2	5470 × 1600 × 2650
HFD-120-40	40	87.4	1120 / 1360		6120 × 1600 × 2650
HFD-120-50	50	109.8	1400 / 1700	Compressor : 7.5	6770 × 1600 × 2650
HFD-120-60	60	132.2	1680 / 2040		7420 × 1600 × 2650

