

Product Description

Junyi filter press conveyor belt: It belongs to the matching device of the filter press, and a belt conveyor is arranged under the filter plate of the filter press for conveying the filter cake unloaded when the filter plate is pulled apart. The device is suitable for the site where basic work is not easy to do, so it can transport the material to the designated place, reducing the labor intensity of the staff.

Product Features

Diaphragm filter press matching equipment: Belt conveyor, liquid receiving flap, filter cloth water rinsing system, mud storage hopper, etc.

A-1、 **Filtration pressure:** 0.8Mpa; 1.0Mpa; 1.3Mpa; 1.6Mpa. (Optional)

A-2、 **Diaphragm pressing pressure:** 1.0Mpa; 1.3Mpa; 1.6Mpa. (Optional)

B、 **Filtration temperature :** 45°C/ room temperature; 80°C/ high temperature; 100°C/ High temperature.

C-1、 **Discharge method - open flow:** Faucets need to be installed below the left and right sides of each filter plate, and a matching sink. Open flow is used for liquids that are not recovered.

C-2、 **Liquid discharge method - close flow:** Under the feed end of the filter press, there are two close flow outlet main pipes, which are connected with the liquid recovery tank. If the liquid needs to be recovered, or if the liquid is volatile, smelly, flammable and explosive, dark flow is used.

D-1、 **Selection of filter cloth material:** The PH of the liquid determines the material of the filter cloth. PH1-5 is acidic polyester filter cloth, PH8-14 is alkaline polypropylene filter cloth. The viscous liquid or solid is preferred to choose twill filter cloth, and the non-viscous liquid or solid is selected plain filter cloth.

D-2、 **Selection of filter cloth mesh:** The fluid is separated, and the corresponding mesh number is selected for different solid particle sizes. Filter cloth mesh range 100-1000 mesh. Micron to mesh conversion (1UM = 15,000 mesh---in theory).

E、 **Rack surface treatment:** PH value neutral or weak acid base; The surface of the filter press frame is sandblasted first, and then sprayed with primer and anti-corrosion paint. The PH value is strong acid or strong alkaline, the surface of the filter press frame is sandblasted, sprayed with primer, and the surface is wrapped with stainless steel or PP plate.

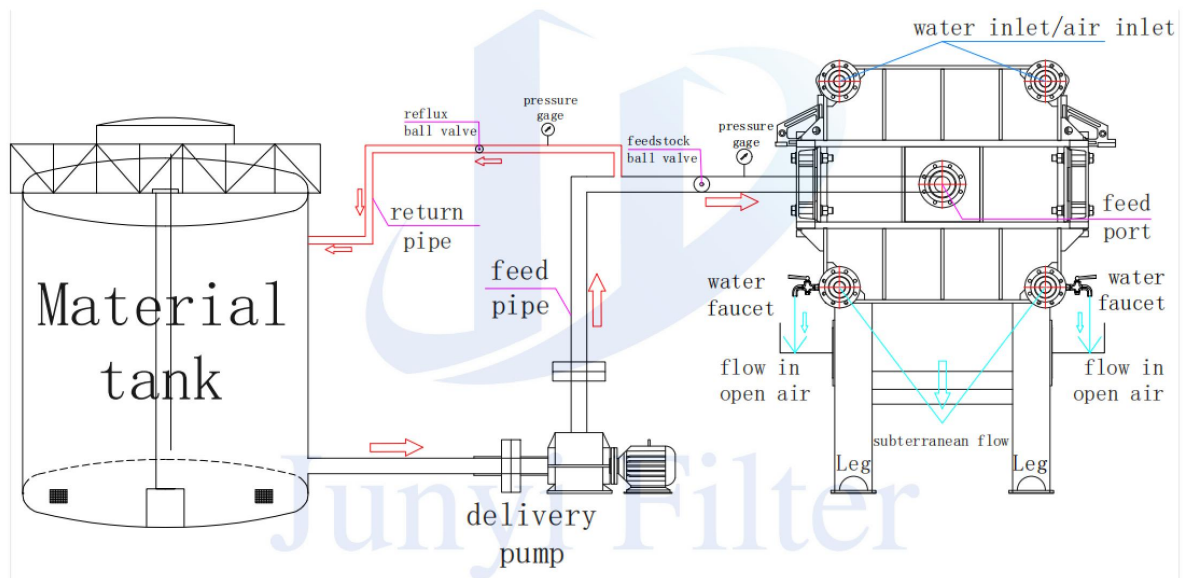
F、 **Filter cake washing:** When solids need to be recovered, the filter cake is strongly acidic or alkaline; When the filter cake needs to be washed with water, please send an email to inquire about the washing method.

G、 **Diaphragm filter press operation:** Automatic Hydraulic Pressing; Automatic Filter Plate Pulling; Filter Plate Vibrating Cake Discharge; Automatic Filter Cloth Rinsing System.

H、 **Filter press feeding pump selection:** The solid-liquid ratio, acidity, temperature and characteristics of the liquid are different, so different feed pumps are required. Please send email to inquire.

Filter Press Model Guidance					
Liquid name	Solid-liquid ratio (%)	Specific gravity of solids	Material status	PH value	Solid particle size (mesh)
Temperature (°C)	Recovery of liquids/solids	Water content of filter cake	Working hours/day	Capacity/day	Whether the liquid evaporates or not

Feeding process



Application Industries

It is widely used in solid-liquid separation process in petroleum, chemical, dyestuff, metallurgy, pharmacy, food, coal washing, inorganic salt, alcohol, chemical, metallurgy, pharmacy, light industry, coal, food, textile, environmental protection, energy and other industries.

Filter press ordering instructions

1. Refer to the filter press selection guide, filter press overview, specifications and models, select the model and supporting equipment according to the needs.

For example: Whether the filter cake is washed or not, whether the effluent is open or close, whether the rack is corrosion-resistant or not, the mode of operation, etc., must be specified in the contract.

1. According to the special needs of customers, our company can design and produce non-standard models or customized products.

3. The product pictures provided in this document are for reference only. In case of changes, we will not give any notice and the actual order will prevail.