

Product Description

The filter plate and filter frame of cast iron frame filter press are made of ductile cast iron. The filter chamber of the cast iron frame filter press consists of cast iron filter plates and cast iron filter frames arranged in sequence, and adopts the form of upper corner feeding. The plate and frame filter press can only be discharged by manually pulling the plate. Cast iron plate and frame filter presses are used for materials with high viscosity, and filter cloths are cleaned or replaced frequently. Cast iron filter presses are resistant to high temperatures and have a long service life.

Product Features

A、 **Filtration pressure:** 0.6Mpa---1.0Mpa

B、 **Filtration temperature:** 45°C/ room temperature; 100°C/ high temperature; 200°C/ High temperature.

C、 C、 **Liquid discharge method:** Each filter plate is fitted with a faucet and matching catch basin.

The liquid that is not recovered adopts open flow; Close flow: there are 2 dark flow main pipes below the feed end of the filter press and if the liquid needs to be recovered or the liquid is volatile, smelly, flammable and explosive, close 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.

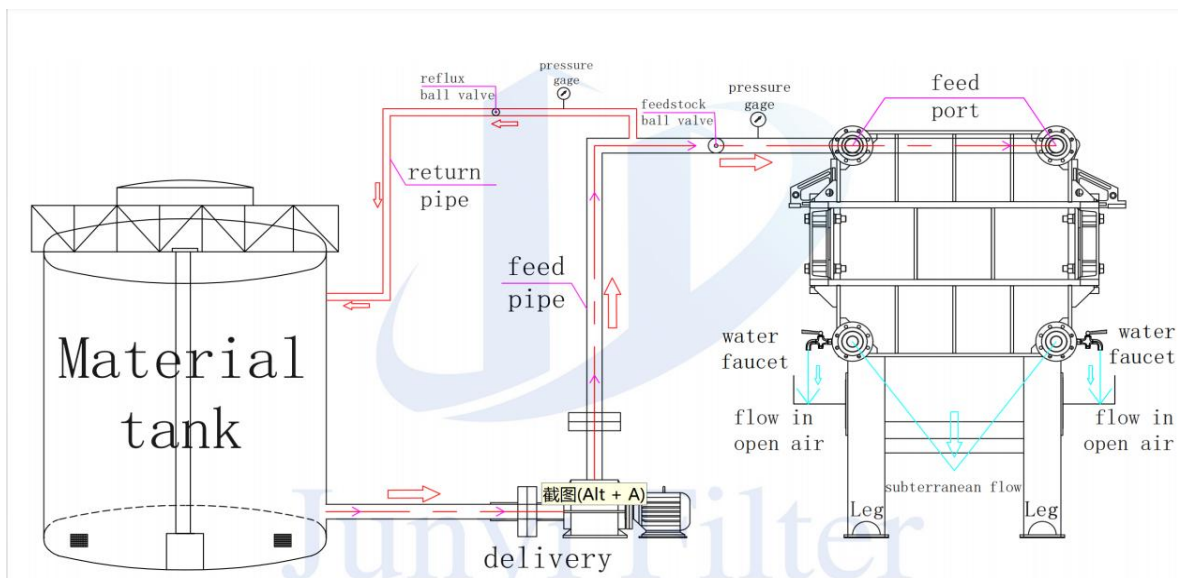
D-2、 **Selection of filter cloth mesh:** The fluid is separated, and the corresponding mesh number is selected for different solid particle sizes. Filter cloth mesh range 100-1000 mesh. Micron to mesh conversion (1UM = 15,000 mesh---in theory).

D-3、 The cast iron frame filter press can be used with filter paper for higher precision.

E、 **Pressing method:** jack, manual cylinder, electro-mechanical pressing, automatic cylinder pressing.

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

Oil refining industry, gross oil filtration, white clay decolourisation filtration, beeswax filtration, industrial wax products filtration, waste oil regeneration filtration, and other fluid filtration with high viscosity filter cloths that are often cleaned.

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.