

### Application

PF Plate and frame press oil filter machine is developed to be as a highly portable filtration system which can be used for purify lube oils, insulating oils, fuels and cooking oils, this press filter carts is formed by inlet pump, filter frame, filter plate and filter papers for removal of less water and particulate. Between the filter plates are the filter papers through which the filtered oil will pass. The filter papers only let the fluids pass through. During the filtering process, the filter papers will retain any solids and thereby form a filter cake. Such solids builds up on the papers and leads to an increase in pressure. After the

pressure reaches a certain level, the filter papers need to be cleaned. PF plate and frame press oil filter machine is wildly used in petroleum, machinery production, foods, power industry etc.



### Features

1. Inlet strainer to protect oil pump
2. Pressure gauge indicate the condition of filter frame and change of filter papers
3. NEMA 4 electrical control panel
4. Push-button on-off switch to easy operation
5. Cart type, self-contained and easy to move from job to job

### Technical Specifications

Model	PF-50	PF-100	PF-125	PF-150	PF-200	PFS-300	
Capacity( L/min)	50	100	125	150	200	300	
Working pressure (Mpa)	0~0.4						
Filtering precision	≤ 1 micron						
Pressure type	Manual type						
Plate size (mm)	200*200	280*280					
Filter paper size (mm)	200*200	280*280					
Filter ring quantity	8	10	12	15	20	26	
Filter plate quantity	9	11	13	16	21	27	
Motor	Power (KW)	1.5	2.2	3	4	5.5	1.1
	Speed (r/min)	1400	1400	1400	1400	1400	1400
Inlet caliber	1	1 1/4				2 1/2	
Outlet caliber	3/4	1 1/4				2 1/2	
Dimension	800*300*600	800*400*800		1000*420*900		1000*450*950	
Weight	150	250	280	300	320	340	