

**SCM-FILTER PRESS  
SERIES 600-1500**



Scomi Equipment Inc (SEI) manufactures heavy-duty filter presses for on- and offshore use. Our presses are specially designed for completion, work-over and gravel pack fluids filtration. The presses are complete with a separate slurry kid and all necessary auxiliaries to run an efficient filtration job. The full propylene filter plates are recessed, hence 100% drip free and low NTU readings. The 600 - 1500 sq.ft. Presses are suitable for light and heavy brines at high flow rates up to 30 BPM.

The Filter Press in combination with a duplex cartridge filter unit, our pump unit, our powder handling system and slurry skid is the most reliable and effective filtration set-up for filtration of completion fluids.

Our presses are complete with, splash curtains (with client company logo) and manuals.

**SYSTEM DESIGN FEATURES**

- Pneumatic operated hydraulic system
- Recessed chamber, drip free plates
- Improved cloth design for high efficiency filtration
- Easy to replace filter cloth
- Maximum working pressure 7 bar
- Simple construction, minimum maintenance
- All piping SS316L
- All hydraulics/ controls in closed cabinet

**OPTIONS**

- Stainless steel sluice pan
- Optional stackable
- Additional diaphragm pump on slurry pan
- Electrical driven hydraulic pack

**APPLICATIONS**

- Well completion fluids
- Workover fluids
- Gravel pack fluids
- Waste water treatment

**FILTER UNIT RANGE**

- FP600
- FP800
- FP1200
- FP1300
- FP1500
- Slurry skids
- Centrifugal (feed) pumps
- Dust free powder dosing Systems
- Other types on request

**TECHNICAL SPECIFICATIONS**

CONSTRUCTION VESSEL	TF FP 600	TF FP 800	TF FP 1200	TF FP 1500
Number of plates	24	32	48	40
Plate size	1200 x 1200	1200 x 1200	1200 x 1200	1500 x 1500
Filtration surface	600 sq.ft	800 sq.ft	1200 sq.ft	1500 sq.ft
Maximum recommended flow	10 bbl/min	13 bbl/min	15 bbl/min	30 bbl/min
Maximum working pressure	7 bar (105 psi)			
Maximum working temperature	Polypropylene plates 80 °C (176 °F)			
CONNECTIONS				
In-/ Outlet	4" fig 100	4" fig 100	4" fig 100	6" fig 100
Main valves	4" Butterfly valve, NBR seat, SS disc			
CONSTRUCTION FRAME				
Weight (empty)	11,244 lbs (5,100 kg)	12,566 lbs (5,700 kg)	14,991 lbs (6,800 kg)	17,637 lbs (8,000 kg)
Dimensions (L x W x H)	12.96 x 4.9 x 7.35 ft (3.95 x 1.5 x 2.24 m)	14.93 x 4.9 x 7.35 ft (4.55 x 1.5 x 2.24 m)	17.89 x 4.9 x 7.35 ft (5.45 x 1.5 x 2.24 m)	17.89 x 4.9 x 7.35 ft (5.45 x 2.0 x 2.55 m)
Material frame	Carbon steel, powder coated			
Design code frame	EN 12079/ DNV 2.7.1			
Lifting	Hoisting slings (certified)			
Plates	Polypropylene			

**GENERAL RIG UP FILTERPRESS SLURRY SKID AND PUMP**

