

**Brand New, In Stock
800 mm Filter Press (16 ft³)**



Air/Oil Filter Press with Recessed Plates

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800 mm Air/Oil Filter Press

Description: The filter elements are supported in a fabricated mild steel Filter Press framework. At one end of the filter is the feed head and at the other is the cross head containing the hydraulic closure, both with integral legs and base. The moving head (tail plate) along with the feed head will enclose the filter elements by hydraulic force provided by the power pack. Extensive use of box designs and heavy gauge plate ensure a rugged and robust framework design, ideally suited to the rigorous conditions encountered in filtration applications.

SPECIFICATIONS

| | |
|---------------------|---|
| Filter Capacity: | 440 liters (15.56 cu.ft.) |
| Total Filter Area: | 30.54 m ² (328.61ft ²) |
| # of Chambers: | 29 (RECESSED plate configuration) |
| Filter Plate Size: | 800 mm x 800 mm (31.50" x 31.50") |
| Plate Stack Length: | 1.71m (67.32") |
| Max Pressure: | 8 bar (117.60 psig) |
| Feed Type : | Center |
| Filtrate Porting : | 4 Ports |



Plate Suspension: Rectangular section mild steel side bars, with stainless steel cap connecting the cross head and feed head of the framework and supporting the moving end (tail plate).

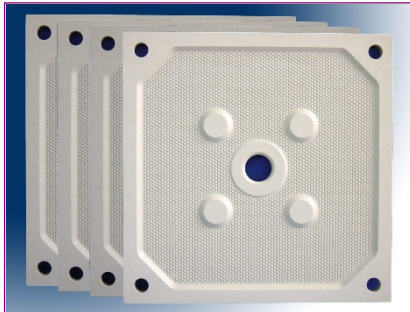
Hydraulic System: An Air-over-oil hydraulic power pack is enclosed in a cabinet located at the crosshead end of the Filter Press. The unit consists of an air circuit, hydraulic circuit including a hydraulic pump, oil reservoir, filter and all the necessary valving for proper operation. The maximum hydraulic rating is 5,000 psi, requiring an 80 psig filtered air supply. This power pack powers the hydraulic cylinder.

Cylinder: 6" x 28" flange mounting cylinder, 5000 psi maximum pressure

Liner Pipes: 800 mm CPVC, 8 bar flanged Manifold connection, NPT into head plate

Filtrate Manifold: Valve manifold is by others.

Control System: A painted, slope faced, operator control panel is located at the Cross Head end of the filter and contains a flush-mounted air pressure gauge, hydraulic gauge, On/Off air switch, and anti-tie down operator switch. Available left or right-handed.



Qty: 30 Model Number: PR080-08/32 Configuration: Recessed

High performance molded polypropylene, recessed filter press plate, with pipped cloth drainage support surface. Designed for optimum filtrate discharge flows and resistance to specified operating temperature and pressure.

| | | |
|------------------|-------------------------------|--|
| Size: 800 mm | Cake Thickness: 32 mm 1.26 " | Area (x2): 101.8 dm ² 10.96 ft ² |
| Pressure: 8 Bar | Plate Thickness: 57 mm 2.24 " | Volume: 15.2 litres 0.54 ft ³ |
| Filtrate: Closed | Web Thickness: 25 mm 0.98 " | Weight: 20.0 kg 44.1 lbs |

Filter Cloth: One (1) complete set [30 cloths] of filter cloths. All cloths are precision-manufactured by laser cutter. These cloths are designed for easy attachment by pushing one half of the cloth through the feed hold of the plate and securing both sides by means of grommets and ties.

Plate Shifting: Manually-shifted filter plates.

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