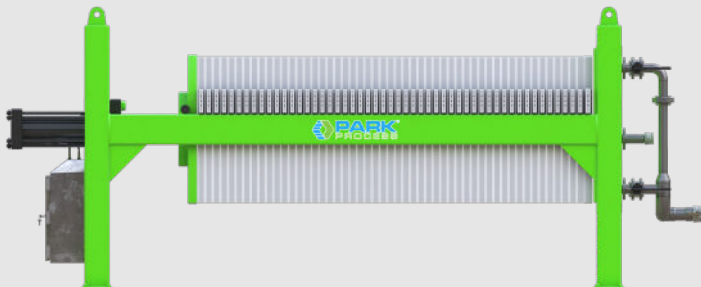


FilterFlo™

A cost-effective way to collect, dewater, transport, and dump sludges, slurries, and wet solids.

The FilterFlo is a recessed chamber filter press (also known as a plate and frame press) that offers a variety of advantages in dewatering applications. It produces dry cakes, has few moving parts, and can handle high flow rates (depending on the % solids). The FilterFlo consists of a steel skeleton, filter plates, a hydraulic pump and cylinder, and plumbing, which includes the manifold and center feed pipe and the filter press cloths. The simple yet effective design provides a low-maintenance filtration and dewatering solution.



Features:

- Air driven hydraulic closing pump with pressure gauge on semi-automatic units
- 2-stage hand pump on manual units
- Polypro gasketed recessed plates for leak-free operation
- Air blow manifold piping for air drying filter cakes
- Air line filter, oiler, regulator, and gauge on semi-automatic units
- Heavy-duty hydraulic cylinder for opening and closing of press
- Stainless steel protective strip on top of side rails
- Stainless steel discharge and inlet manifolds

Applications Include:

- Effluent treatment
- Metal finishing
- Completion fluid filtration
- Industrial filter backwash
- WTP sludge - alum and lime
- WWTP-activated sludge
- Environmental remediation
- Chemical solid/liquid separation

Plate Size

Plate Size	Press Size
470mm	1–5 cu. ft.
630mm	2–10 cu. ft.
800mm	5–30 cu. ft.
1000mm	15–50 cu. ft.
1200mm	40–150 cu. ft.
1500mm	100–300 cu. ft.

Once the cubic foot capacity of a filter press has been determined, the next step is to select the proper sizes for the filter plates, frame, components and any accessories. This will allow you to see exactly where the cubic foot capacity fits in relation to the volume of each size press. For example, a 5 cu. ft. press can be paired with a 470mm, 630mm or 800mm plate. The size selected is determined by the amount of expandability desired. After the plate size is selected, you will select the plate construction and style. Consider the following options to customize your FilterFlo system.

Plate Construction

The standard filter plate material is an industrial grade polypropylene. An optional FDA-approved food grade polypropylene material or a high temperature glass filled polypropylene material are also available.

Plate Style

The standard plate style is a 100 psi recessed gasketed plate with EPDM seals. Viton seals are available as an option. Also available are non-gasketed plates with quick removal latex edged cloths, where the cloth acts as the gasket. Non-gasketed plates are lower in cost and make changing the filter cloth easier, but they are not completely liquid tight during the processing stage.

