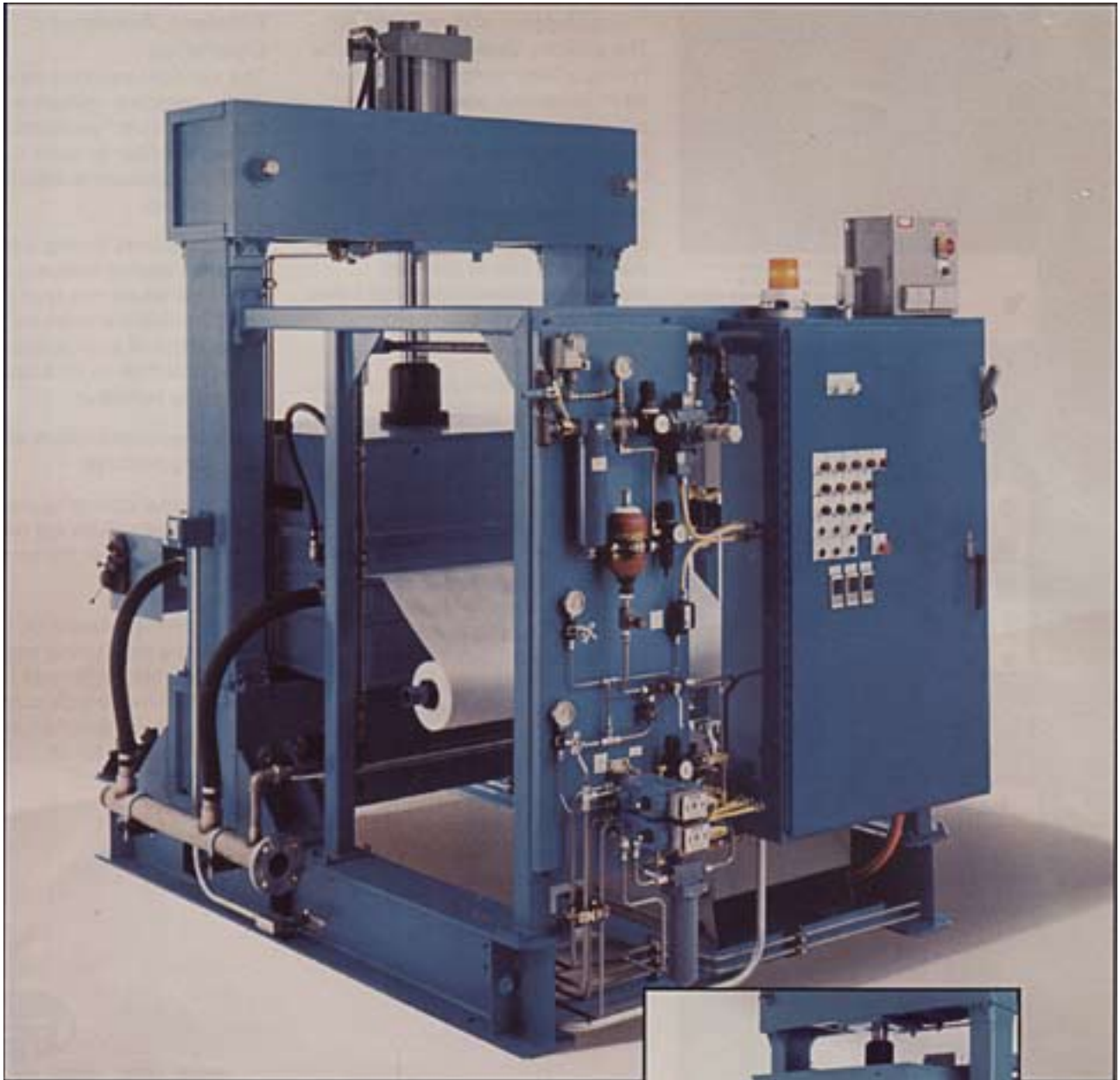


# Fergin Pressure Filter

Advanced Design/  
Proven Technology



## Presenting the Fergin Pressure Filter

A state-of-the-art filter designed to meet your solution filtration and slurry dewatering requirements. The Fergin Pressure Filter features:

- High-pressure, high-volume capabilities
- Compact, horizontal plate design
- 100% automatic operation
- 98.6% removal efficiency

The bottom line for you is an effective, efficient Pressure Filter that reduces your costs.





### Fergin Pressure Filter Advantages

The durable, versatile Fergin Pressure Filter outperforms most other automatic pressure filters, providing pressure capabilities of up to three times greater while maintaining maximum flow rates.

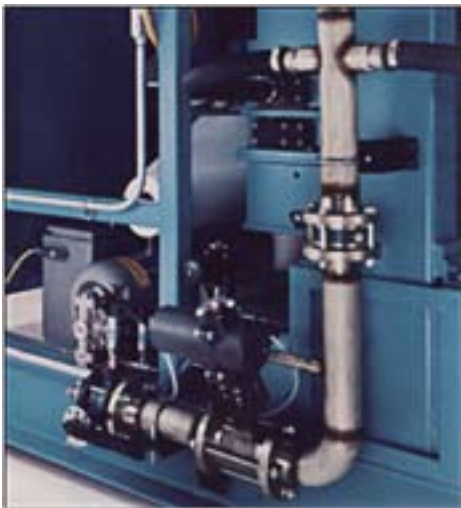
The Fergin Pressure Filter enables 98.6% removal efficiency, maximizing use of the filter media, and allows discharge cakes in excess of 94% solids with no mechanical squeezing (*See inset*).

With its innovative horizontal plate design, the Fergin Filter reduces your equipment floor space requirements by 70% when compared with conventional vacuum and gravity filters.

### Advanced Chamber Design

The Fergin Pressure Filter's advanced chamber design allows high flow rates as it maintains laminar flow to ensure uniform cake build. This state-of-the-art design also eliminates the need for pre-concentration of solids in most applications.

Because the lower chamber is designed to withstand full pressurization, Fergin Filter does not require a gravity return to the process tank, giving you more options for your filter's location.



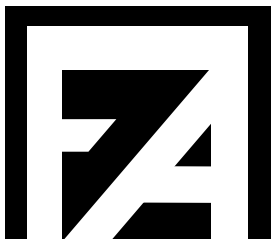
### Efficient Automatic Operation

The Fergin Pressure Filter is easily operated simply pressing the "cycle start" pushbutton allows the filter to cycle until the operator chooses to take the filter off-line.

If a fault occurs during a filtration cycle, an analog indication identifies where the fault occurred and prompts the operator through a sequence of push-buttons to return the filter to its normal operating condition.

The Fergin offers additional operating features:

- All normal operating pressures and present values are monitored and displayed at the control panel.
- All automatic functions, including pressure monitoring and control, are performed by a programmable logic controller, which allows excellent versatility and simplicity for all applications.



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