



# ERTELALSOP

THE FIRST NAME IN LIQUID FILTRATION

## EA 800 & EA 1000 FILTER PRESSES

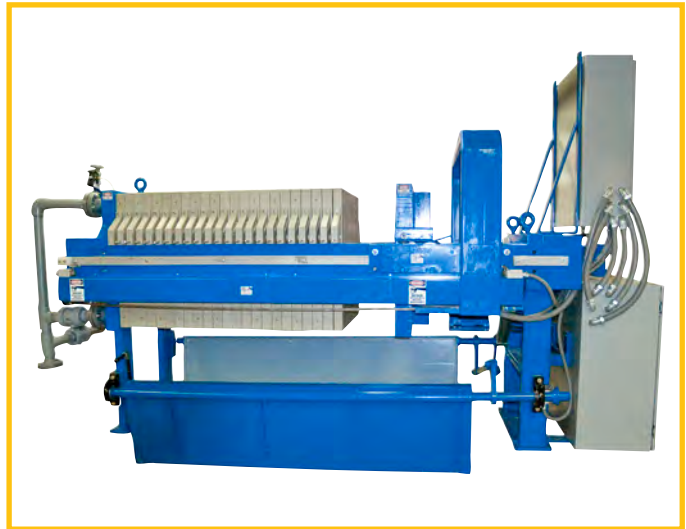
Supplied with lightweight, economical polypropylene plates, these filters are ideal for processes that require 10-50 cubic feet of solids handling. With gasketed plates standard, these heavy-duty presses are exceptionally suited for all applications where leakfree processing is required.

### STANDARD FEATURES

- High Strength Carbon Steel Skeleton
- Chemically Resistant Painted Framework
- 304 Stainless Steel Side Bar Wear Strips
- Schedule 80 PVC Head Connections
- 4 Corner Discharge Porting
- Caulk & Gasketed Recessed Polypropylene Plates
- 32mm Cake Thickness
- Hydraulic Closure System
- Full Six Year Framework Warranty

### OPTIONAL FEATURES

- Flush Plate and Frames
- Membrane/Squeeze Plates
- Membrane Water Squeeze System
- Various Plate Materials
- Uniform Fill Manifold - Stainless, Aluminum, Carbon Steel, FRP or CPVC
- Head Connections - Stainless, Aluminum, Carbon Steel, FRP or CPVC
- Cake Carts or Chute
- Plate Shifter
- Leg Extensions
- Elevated Platforms
- Safety Gates, Lanyards or a Safety Light Curtain
- Splash Curtains
- Semi-automatic or Automatic Bombay Doors
- Feed Pumps: Air Operated Diaphragm (AOD)
- Automatic Pump Controller
- Blanking Plate
- Thorough Wash Capability
- Expansion Capability
- Alternating Discharge (1B & 3B)
- Automatic Air/Oil Hydraulic Closure System
- Electric Hydraulic Closure with PLC Controls
- Cake Thickness from 20-50 mm
- Wide Selection of Filter Media
- Cloth Washers



### APPLICATIONS

- Industrial Wastewater
- Environmental Remediation
- Metals and Mining
- Petrochemical
- Pulp and Paper
- Food and Beverage
- Biodiesel Dry Wash Separation
- Ethanol Filtration

### PRODUCT TESTING

Product testing is always available either at your facility, through our international network of distributors, or at our in-house laboratory.

### PILOT TESTING - RENTALS

For in-plant testing and scale-up procedures, ErtelAlsop offers a variety of lab filters for rent. A portion of rental fees can be applied to the purchase of your full production filter.

## FILTER MEDIA

As with all ErtelAlsop presses, media is available for any application and/or operating condition, and is chosen based on your specific operating conditions, the performance required by the filtering media, and criteria given to us by you and/or by sample processing we do in our lab. ErtelAlsop offers the widest varieties of media and construction techniques to provide good particle retention, clear filtrate, high flow rates, and dry filter cakes.

RECESSED CHAMBER

800 SPECIFICATIONS		
Std. Height	58 in	(1.47 m)
Std. Width	43.5 in	(1.11 m)
Range of Length	103 - 270 in	(2.62 - 6.86 m)
Capacity	12.5 - 29.9 ft <sup>3</sup>	(0.35-0.85 m <sup>3</sup> )
Std. Area	10.65 ft <sup>2</sup>	(0.99 m <sup>2</sup> )
Plate Dimension	31.5 in	(800 mm)
Discharge Ports	4 Corner	
Std. Vol./Chamber	0.50 ft <sup>3</sup>	(0.014 m <sup>3</sup> )

1000 SPECIFICATIONS		
Std. Height	66.5 in	(1.69 m)
Std. Width	51.5 in	(1.31 m)
Range of Length	172 - 320 in	(4.37 - 8.13 m)
Capacity	29.9-56.8 ft <sup>3</sup>	(0.85 - 1.60 m <sup>3</sup> )
Std. Area	17.27 ft <sup>2</sup>	(1.60 m <sup>2</sup> )
Plate Dimension	39.4 in	(1,000 mm)
Discharge Ports	4 Corneres	
Std. Vol./Chamber	0.83 ft <sup>3</sup>	(0.023 m <sup>3</sup> )



For additional product information visit **ErtelAlsop.com**

**Technical Bulletin 800-1000-11**

ErtelAlsop  
 PO Box 3358  
 Kingston, NY 12402 US

ErtelAlsop.com  
 800.553.7835 Telephone  
 845.339.1063 Fax

Keep in touch.  
 Join our Newsletter to learn  
 about the latest filter best  
 practices and more!

Visit us at [ErtelAlsop.com](http://ErtelAlsop.com)

Your Local Distributor

