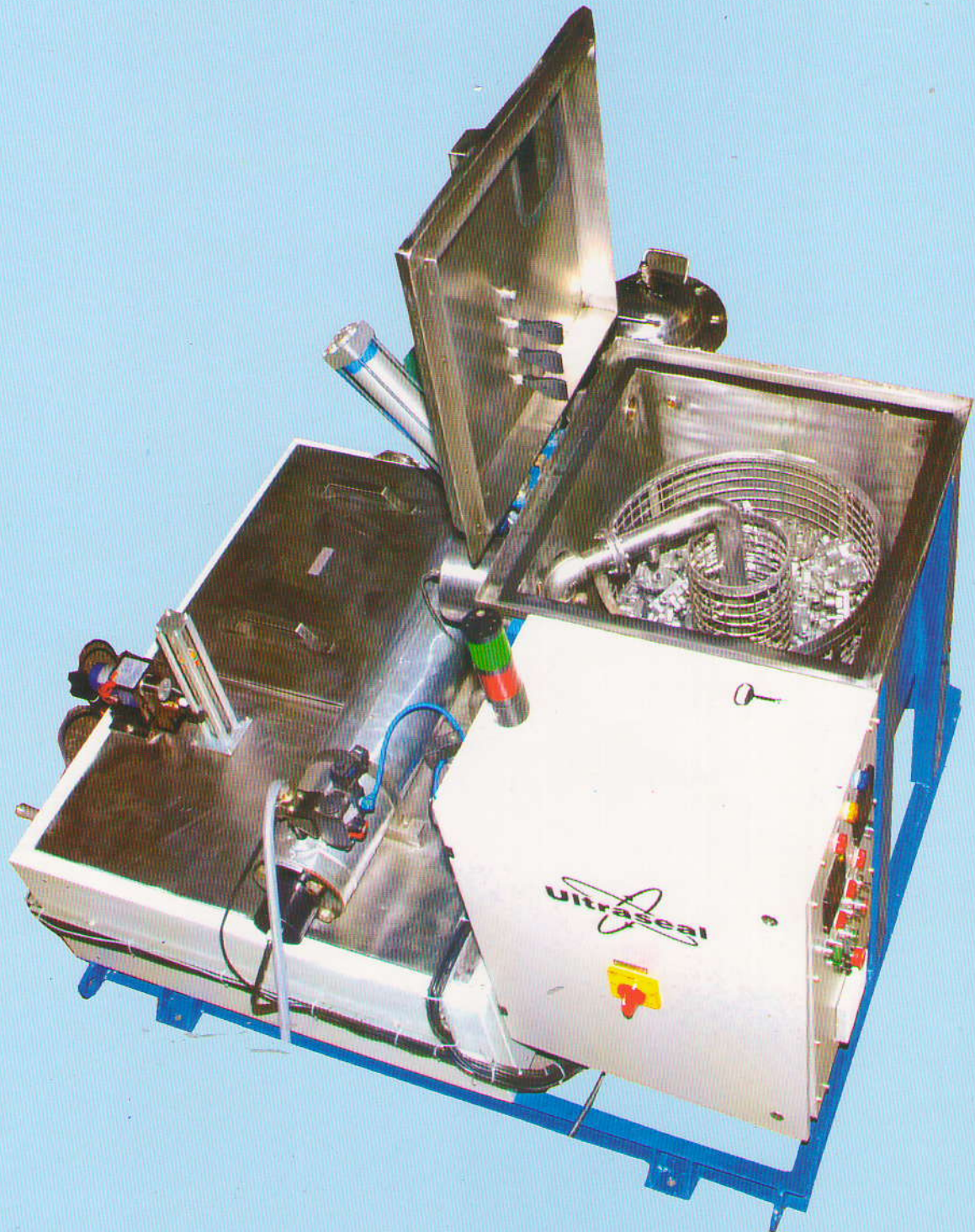


# Eco-500

Washing Machine



**The ultimate in aqueous washing technology**

**Ultraseal (India) Pvt. Ltd**  
43/1, D-2 Block, Telco Road,  
MIDC, Chinchwad,  
Pune 411 019,  
**India**



QMS - ISO - 9001 - 2000  
Certificate No. C2008 - 00974

Tel. : +91-20-27477390 / 27476889  
Fax : +91-20-27472432,  
E-mail : [marketing@ultrasealindia.com](mailto:marketing@ultrasealindia.com)  
URL : [ultrasealindia.com](http://ultrasealindia.com)

# ECO-500

## Washing Machine



The Ultraseal Top Loading Rotational Washing Machine is a new kind of high volume, ultra efficient aqueous washing machine for industrial components. It gets thousands of components squeaky clean and dry, inside and out, every hour, at a fraction of the cost of solvent based cleaning systems.

### Technical Specification

- Overall Size ( L X W X H ) : 2000 X 2000 X 2000 mm
- Basket Size : 500 mm Dia X 350 mm Height
- Cleaning Medium : Water Based
- Solvent Tank : 340 Ltrs Capacity
- Heaters For Solvent : 9 KW
- Wash Filtration : 100 Micron bag type filter
- Spray Pressure : 4 - 5 Kg/ Sq.cm.
- Rotation Of The Basket : 4 - 5 RPM
- Component Loading : Top
- Insulation : 25 mm thk. Glasswool Insulation for Lower Chamber
- Lid Opening & Closing : Pneumatic control through Remote control box
- Material Of The Construction
  - SS 304 : Tank chamber, Nozzle, Piping, Basket.
  - MS : Base frame, Control Panel, Support, etc.
- Process Sequence : Load - Wash - Drain - Hot Air Blow (optional) - Unload
- Utilities
  - Power Supply : 415 VAC  $\pm 10\%$ , 3 Ph, 50 Hz
  - Control Supply : 230 VAC  $\pm 10\%$ , 3 Ph, 50 Hz
  - Compressed Air Details : 4 To 5 Kg/sq.cm.
  - Water : Approx. 1 Bar Pressure, Ph 7 Or DM Water
  - Clear Height Below Truss : 5 mtr
  - Total Power required : Aprox. 16 KW

### Top Loading Rotational Washing Machine Specification

#### • Typical washing cycle

- \* Door open manually by press of button : 0 - 30 sec
- \* Load the component in the basket with good orientation
- \* Close the door - manually by pressing the start button : 0 - 30 sec
- \* Component start rotates with water spray on it at Pressure of 4 to 5 bar and 60 to 65 °C temp of water. : 0 - 180sec
- \* Flood wash : 0 - 120 sec
- \* Water drain : 0 - 60 sec
- \* Hot air blow : 0 - 180 sec
- \* Cycle over, lid open with audio hotter signal : 0 - 30 sec

### General Description

#### Salient Features :

- ◆ The bottom tanks are of SS construction & duly insulated.
- ◆ The lid is provided with pneumatic system for opening & closing.
- ◆ The machine is very compact design, user friendly & less energy consuming.
- ◆ Bag type filters are provided, 100-Micron washable filter.
- ◆ Ceramic heaters, TIC & process timers provided.
- ◆ Control Panel & Spray Pressure Indicator (via dial type pressure gauge) are part of the machine.

#### Operation :

Ultraseal ECO 500 machine is designed for the removal of the various contamination such as loose chips, oil, dust, grease etc. It consists of rotary basket rotates with gear motor at 4-5 rpm. Because of this the components are exposed directly to spray jet. There is provision to heat the solution up to 60 to 70 deg. C. The cleaning solution is recycled with set of filters. A oil skimmer belt type is provided to remove oil from the wash water.

**Ultraseal (India) Pvt. Ltd**  
43/1, D-2 Block, Telco Road,  
MIDC, Chinchwad,  
Pune 411 019,  
**India**



Tel. : +91-20-27477390 / 27476889  
Fax : +91-20-27472432,  
E-mail : [marketing@ultrasealindia.com](mailto:marketing@ultrasealindia.com)  
URL : [ultrasealindia.com](http://ultrasealindia.com)