

Ecoclean Flex Solutions

Chamber Immersion Options

Ecoclean Flex Flood System



Flexible Batch Cleaning for a Wide Range of Applications

The Ecoclean Flex Flood System is designed for cleaning small mass-produced or random batch parts across industries like aerospace, general manufacturing, and remanufacturing. It efficiently handles pre-cleaning through to final cleaning in a single, integrated system.

Parts are placed in a rotating basket within the cleaning chamber, ensuring thorough exposure to pressurized aqueous fluids and programmable agitation during both spray washing and floor washing stages. Ultrasonic cleaning can be added with ultrasonic rod transducers for enhanced performance.

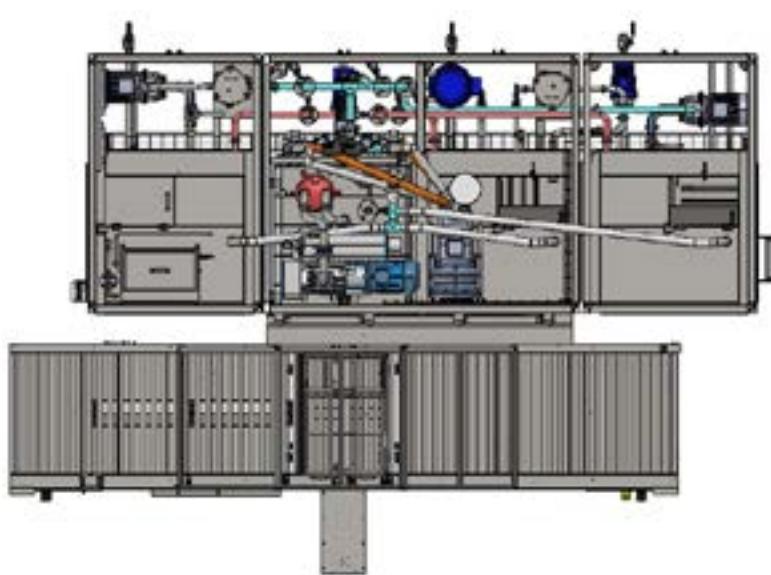
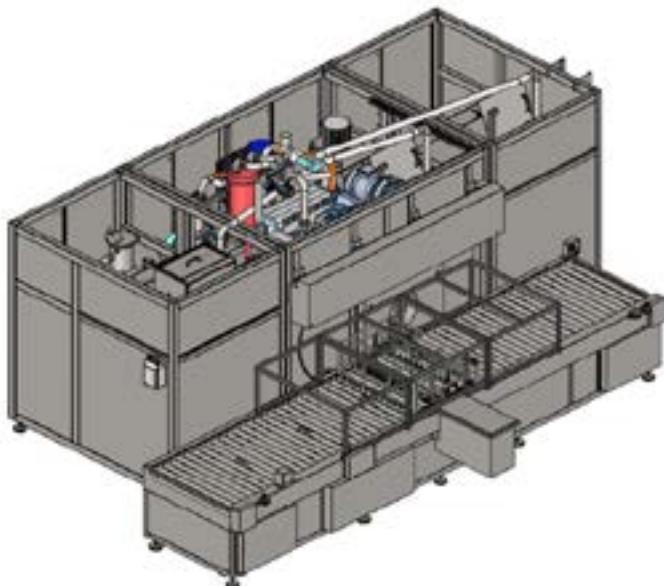
All cleaning stages take place within the machine, eliminating the need for part handling between processes. The Ecoclean Flood System offers flexibility, efficiency, and consistent results for a wide range of cleaning needs.

- ⊕ Space-efficient design
- ⊕ Environmentally friendly operation
- ⊕ Energy-saving performance
- ⊕ Suitable for light to medium-sized parts
- ⊕ Manual or automated operation
- ⊕ Seamlessly integrates into automated production lines
- ⊕ Cleans intricate and complex geometries



Technical Specifications

- System constructed entirely of high-quality stainless steel.
- Additional Passivation or rinsing stages available.
- Optional ultrasonic washing capability
- Fine particle filtration through cartridge and bag filters
- Available with vacuum drying option
- Cleaning & drying process completed in a vacuum proof chamber.
- Available with manual & automatic basket loading.
- Basket rotation aiding with cleaning and drying effectiveness.
- Optional oil separation configurations
- Siemens PLC control system for programming and error diagnosis (Standard)
Allen Bradley, Mitsubishi, and UL Certification (Optional)
- Closed system housing with maintenance doors for optimum access & compact design



TECHNICAL CALL DATA

Model	Processes	Basket Size	External Size [l x w x h] mm	Total Power KW	Through Put Cycle/Hr
30 WRD	Washing Rinsing Drying	530 *320 * 200	2000 * 2250 *2300	30.0	6-12
90 WRD	Washing Rinsing Drying	670 *480 * 300	2200 *2600 * 2650	55.0	6-12
240 WRD	Washing Rinsing Drying	960 *670 *400	4200 *2400 *2600	110.0	5-10

Single W, or Wash/Rinse Options are available – Alternative Choices for Immersion/Rinse also worth consideration.



CONTACT

info.usa@decoclean-group.net

SBS EOCLEAN GROUP