

Automated Indexing Cleaning Systems



Aqualogics' Automated Indexing Parts Washing system is designed for high volume processing of parts in baskets with capabilities from 30 to 120 baskets per hour.

The natural hydraulic cleaning and flushing action created by the combination of agitation with turbulence when combined with rotation, forces solution into the baskets, to the center of the work mass. This high volume solution flush provides the scrubbing action needed to remove oil and chips from parts without damage to threads or parts surfaces.



Standard Features

- Heavy gauge reinforced tanks
- Sloped tank bottoms with large drains
- Energy saving heat insulation for heated tanks and dryers
- PLC controls
- Touch Screen operator interface
- Self-diagnostics and alarms
- Variable time cycles
- Variable stroke and speed agitation
- NEMA 12 Control Enclosure
- Linear ball bushings and shafting for consistent alignment and operation.
- Pneumatic or hydraulic cylinder agitation mechanics
- Machine enclosure for exhaust containment
- Factory assembly and run-off for customer approval prior to shipment

Modular Construction

Our Agitating Cleaning Systems are pre-assembled. Full modularization includes plumbing for all water, steam, air, hydraulic or drains. In addition, all electrical wiring is completed for temperature controls, solenoids, level controls and sensing switches, with junction boxes between sections.

Optional Features

- Ultrasonics
- Basket Rotation (45° to 360°)
- Automatic oil skimming
- Automatic chip removal
- Solution turbulence
- Water conservation
- Material handling system
- Loaders/dumpers
- Auto-chemical replenishment
- Bar code part entry
- Microfiltration
- Oil/Water separation
- Wastewater Treatment