



CINCINNATI INDUSTRIAL MACHINERY

Industrial Series Rotary Basket Washer

Cincinnati Industrial Machinery's multi-action cleaning (rotary) basket incorporates three simultaneous actions; turbulence, agitation, and rotation. As the parts basket is immersed into the turbulent, solvent-free solution, the mechanical agitation and rotation actions are engaged. The combination of these three actions enables thorough contact with all surfaces and openings throughout the process from wash to dry.

Enduring Construction

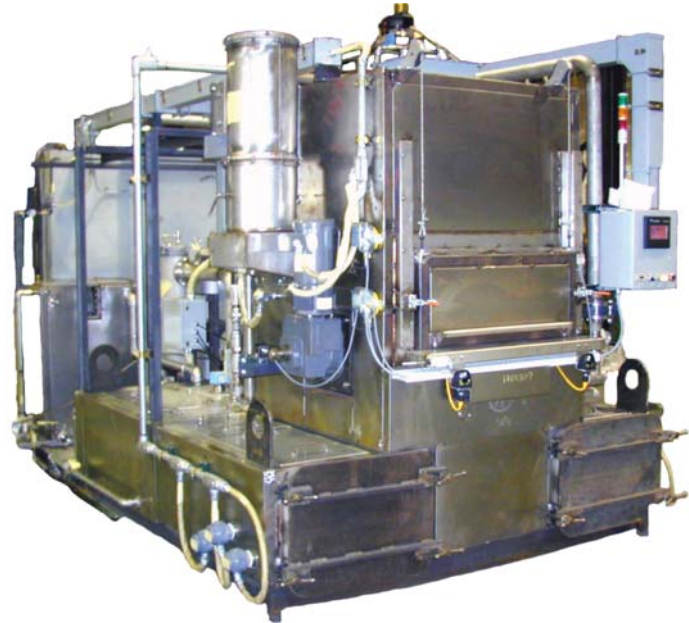
- Stainless steel machine fabrication
- Doubled welded, water tight tanks
- Industrial vertical close-coupled pumps
- Stainless steel bag filter/stage
- Stainless chip basket
- Stainless steel carriage
- Stainless steel spray and pump piping
- CPVC water inlet piping, single point connection

Easy Maintenance

- Ethernet capable
- Quarter turn nozzle removal
- Automatic water fill
- All lubrication points easily accessible
- Stainless steel round marine doors (single bolt)
- No belts/sheaves on fan drives
- Lift-off tank access lid with stainless steel pump screen
- Lift-off housing access doors
- Fork lift provision for machine mobility

Operator Friendly

- Uses standard 18"X12"X6" Kadon baskets
- PLC control
- Color display HMI
- Variable speed rotation controller
- Variable speed pump controllers
- Variable speed fan controllers
- Easy read gauges
- Programmed preheat-up of tanks



Elite Finish

- Stainless steel finish
- Painted control panel
- All guarding painted safety yellow

Environmentally Conscious & Safety Minded

- Insulated tanks and housing
- Premium efficiency motors
- Variable speed drive controllers
- Energy conservation mode
- Machine warning labels
- Load and unload interlock
- Mechanically guarded drive components
- Ergonomical design
- High temperature cut-off switch in blow-off
- Low solution level cut-off switches

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Specifications

	Model ISC-MAC2	Model ISC-MAC4	Model ISC-MAC8
Opening width	51"	51"	51"
Opening height	12"	12"	12"
Baskets per batch	2	4	8
Process heating	Electric	Electric	Electric
Wash pump	50 GPM @ 60 PSI	75 GPM @ 60 PSI	100 GPM @ 60 PSI
Wash temp	140°F	140°F	140°F
Wash filtration	50 micron bag	50 micron bag	50 micron bag
Rinse pump	50 GPM @ 30 PSI	75 GPM @ 30 PSI	100 GPM @ 30 PSI
Rinse temp	140°F	140°F	140°F
Filtration	25 micron bag	25 micron bag	25 micron bag
Blow-off fan	600 CFM @ 10"	900 CFM @ 10"	2900 CFM @ 10"
Blow-off temp	220°F	220°F	220°F
Machine footprint	8'DX5'6"W	8'DX5'6"W	8'DX5'6"W
Approx. overall dimensions	11'6"DX8'3"WX7'H	11'6"DX8'3"WX7'H	11'6"DX8'3"WX7'H
Load height	42"	42"	42"
Approx. ship weight	7500 lbs.	8250 lbs.	9000 lbs.
Utility Connections & Estimated Consumption*:			
Electric	480/3/60, 90 FLA 100 Amp disconnect	480/3/60, 115 FLA 150 Amp disconnect	480/3/60, 178 FLA 250 Amp disconnect
Water - initial fill	1-1/2", 300 gal	1-1/2", 300 gal	1-1/2", 350 gal
Water - consumption	2-3 gallons/hour	3-5 gallons/hour	5-7 gallons/hour
Drain	2"	2"	2"
Atmospheric vent	6" dia.	6" dia.	6" dia.

***Note:** Utility consumption rates are estimates only and will depend on many variables such as types and quantity of soils, part configurations and materials, production rate, temperatures, options purchased, etc.

All specifications are subject to change with design improvement without notice.

Available Options

- Custom Designs
- Belt type oil skimmer
- High volume oil removal
- Stainless steel pumps
- Machine status indication via 3-light stack light