

Aqua-Kleen Rotary Table Cleaning Machines

Aqua-Facts

The Aqua-Kleen rotary table type cellular cleaning machine utilizes environmentally safe cleaners to quickly degrease and de-chip machined parts prior to assembly, inspection, or painting.

The work is loaded directly onto the rotary table or processed in baskets or on special fixturing where it is automatically washed, rinsed, and dried.

Continuous 360° table rotation exposes all surfaces to the high pressure sprays, air jets and dry cycles.

Adjustable clip-on joint spray nozzles are provided to impinge on hard to reach surfaces.

An automatic solution diversion arrangement and process solution reservoirs located under the rotary table allow multi-stage processing in a compact cellular design without solution mixing or cross contamination.

Process control is via a programmable controller with digital message display for operating parameters and diagnostic messages. The PLC program provides the user with multiple fully adjustable wash cycles.

Optional center spray with pneumatic actuator is available for reaching internal diameters.



Specifications

Standard Models	RTW-24	RTW-36	RTW-48	RTW-60
Overall Width	30"	42"	54"	66"
Overall Length	54"	66"	78"	90"
Overall Height	66"	72"	96"	108"
Table Capacity (pounds)	500	1000	1500	2000
Table Diameter	24"	36"	48"	60"
Work Height	24"	36"	48"	60"
Work Elevation	36"	42"	42"	42"
Wash Pump (gpm @ 70' hd)	50	100	150	200
Rinse Pump (gpm @ 70' hd)	50	100	150	200
Tank Capacity (gallons)	100	150	200	250
Table Drive (HP)	1/3	1/2	3/4	3/4

Standard Features

Stainless Steel Construction*
 Heavy Duty Work Table
 Adjustable Ball Joint Spray Nozzles
 Lift-off Tank Access Covers
 Automatic Solution Divert Valves
 Centrifugal Solution Pumps
 Automatic Liquid Level Control
 Variable Speed Table Drive
 Table Jog and/or Reverse

PLC Control with Operator Interface
 Primary Chip Baskets
 Lower Housing Heat Insulation
 Solid State Temperature Controllers
 Solution Throttling Valves
 Centrifugal Blowoff fan
 Safety Door Switch
 Adjustable Cycle Time
 230/460V/3/60 Standard

* Carbon Steel Construction Available

Available Options

Bag Type Solution Filters
 Electric, Steam, or Gas Solution Heat
 Electric Air Blowoff Heat
 Marine Service Doors
 Touchscreen Display for Operation and Diagnostics
 Drain and Overflow Piping
 Ball Roller Load/Unload Table
 Regenerative Blow Off System
 Compressed Air Blowoff System
 Upper Housing Insulation

Chemical Feeder
 Concentration Controller/Feed Pump
 Additional Recirculated Rinse Stages
 Air Operated Load/Unload Door
 Rinse Water Conservation
 Oil Removal (disc, belt, or coalescing)
 Microfiltration for Emulsified Oil Removal
 Solution Evaporation
 Wastewater Treatment
 Exhaust System/Mist Eliminator

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