

Magnus Aja Lif Immersion / Agitating Parts Washers



FEATURES:

The Magnus Aja Lif machine is used for hot or cold cleaning of up to 2200 pounds of parts per batch. Heating alternatives include gas, steam or electricity. The Magnus Aja Lif can be supplied in carbon steel, 304 stainless steel and 316 stainless steel.

Aja Lif machines are air-powered, not air-agitated. The Stroke Selector allows the selection of short, medium or long strokes and various speeds of up and down strokes per minute.

Magnus Rinse Booth



Magnus Load Lif



OPTIONS: Options available are automatic timing devices, roller platforms (instead of grates), connecting sections of roller platform with drain boards (for connections to adjacent machines), and load and unload sections of roller platform with drain boards and legs to be used for load and unload conveyor.

Load and lift devices for elevating work from floor are available. Also available are Heater Guardians for electric heated machines.

- Finger Tip Control
- A single control raises and lowers the platform for easy loading and unloading.
- Virtually Trouble Free
- Provides Dual Agitation Parts and cleaning solution are agitated.
- Improves Cleaning Operations
- Better cleaning minimizes production rejects.
- Cleans Thoroughly. Cleaning solution reaches difficult interior areas.
- Saves Costs
- Eliminates hand scrubbing.

AJA LIF Additional Features:

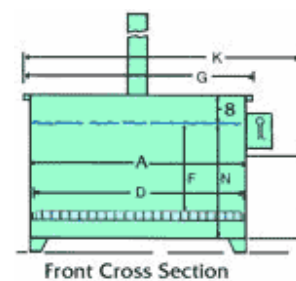
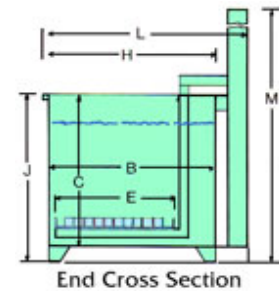
- Can be factory equipped for either aqueous or solvent cleaning
- Hot or cold cleaning option
- Heating alternatives include gas, steam or electricity
- Available in carbon steel, 304 stainless steel and 316 stainless steel
- Air-powered, not air-agitated
- Water inlet and drain valve
- Overflow trough standard
- Life time warranty on the Magnus 8. air cylinder
- Modular design allows multistage system configuration

AJA LIF Available Options:

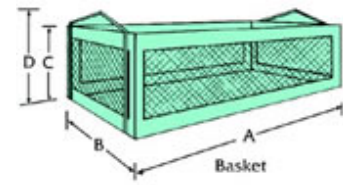
- Automatic timing devices
- Roller platforms instead of grates
- Connecting sections of roller platform with drain boards
- Load and unload sections of roller platform with drain boards and legs
- Heater guards for electric heated machines
- Up to 5,000 lb. load capacity
- Baskets, standard or custom sizes
- Liquid circulation system, particulate filtration or oil removal
- Available with ultrasonic transducers provided by Power Sonics, a division of MPP
- 7 day timers for programmed heat up times
- Automatic water addition
- Basket rotation

Technical Data

Machine Dimensions in Inches	NO.4 ALXH.	NO.5 ALXH	NO.6 ALXH
Tank Inside			
Length A	54	66	78
Width B	46	52	68
Height C	42	42	60
Dipping Space			
Length D	52	64	76
Width E	30	36	52
Height F	26	26	44
Overall Tank			
Length G	58	70	82
Width H	48 1/2	54 1/2	70 1/2
Height J	46 1/4	46 1/4	64 1/4
Overall Machine	Gas Heated	Gas Heated	Gas Heated
Length K	72 1/4	84 1/4	110 1/2
All others	64 1/2	76 1/2	90
Width L			
Series AL	62 1/2	68 1/2	90
Series ALH	-	-	-
Height M	92 1/4	92 1/4	128
Roller Platform			
Total Length D	51	63	75
Roller Width E	27 1/2	33 1/2	49 1/2
Solution Level (above tank bottom)			
Height N	34	34	52
Liquid Capacity Gallons	360	500	1200



Basket Dimensions (in inches)			
Machine Number	NO.4ALXH	NO.5ALXH	NO.6ALXH
Length A	41 3/4	51 3/4	63 3/4
Width B	22	25	40 3/4
Depth C	13 1/2	15 1/2	21 1/2
Overall Height D	19 3/4	21 3/4	30 3/4



Heating Data (note 1)			
Machine Number	NO.4ALXH	NO.5ALXH	NO.6ALXH
Hourly Fuel Consumption: (approx.) To heat tank from cold start with:			
Gas cu. ft. (note 3)	257	257	580
Steam lbs/hr.	150	210	500
Electricity Kw.	36	48	96
Average heating time in hours from cold with:			
Electricity	3 1/2	3 1/2	5
Other fuels	3	3 1/2	5
Service Connections			
All heated an unheated machines:			
Air Inlet	1/2	1/2	1/2
Water Inlet	1 1/4	1 1/4	1 1/4
Drain Cock	3	3	3
Overflow Outlet	2	2	2
Vapor Exhaust (dia.)	6 5/8	6 5/8	6 x 12
Gas heated machine:			
Supply Inlet	3/4	3/4	1
Fume Exhaust	6 5/8	6 5/8	6 5/8
Steam heated machine:			
Supply Inlet (note 3)	3/4	3/4	3/4
Electrically heated machine:	36 Kw.	48 Kw.	96 Kw.
Electrically heated machines:			
240V/30/60Hz	87A	116A	231A
480V/30/60Hz	44A	58A	116A
Agitation Data:			
Agitation (note 4)	Short	Medimum	Long
Series ALXH (note 7)			
Up and down motions per minute	60-130	25-60	4-20
Stroke length	4-8"	10-14"	In and out of solution

AJA LIF Notes:

1. Series ALXH machines have a maximum load capacity of 2,200 pounds. Load ratings based on available air pressure of 100 psi. and uniformly distributed load.
2. With roller platform depth "F" is reduced 1 3/4 on Series ALXH units.
3. Fuel consumption and heat up times listed are based on heating from room temperature to 180 degrees F. (Gas figures apply to natural gas)
4. The data shown are typical and may vary with air pressure, load and part configuration
5. Series ALXH-air consumption 30 to 40 CFM (free air) with normal load on short stroke.
6. All electric heaters are stainless steel sheathed elements. Stainless steel heating coils for gas and steam heated models are optional.



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OAK HILL ASSOCIATES

MAGNUS EQUIPMENT DIVISION

315.696.0130

SALES@OAKHILLASSOCIATES.COM

WWW.OAKHILLASSOCIATES.COM/MAGNUS/

3923 OAK HILL ROAD

MARIETTA, NEW YORK

13110 USA