

Magnus Miji Lif 24

Type:	Standard cellular washer
Process:	Aqueous or solvent
Load Capacity:	150 lb. standard/ 450 lb. option
Material Handling:	Manual transfer



MIJI LIF 24 - 1X

Features:

- Sloped bottom for easy cleanout
- Low maintenance, no guide rollers or bearings to replace
- Roller platform to assist in basket removal
- Short and long stroke
- Stainless steel lid
- Front mounted controls allow for easy addition of process stages
- Three standard sizes available



MIJI LIF 24 - 1.5X

Click [here](#) to download our Adobe Acrobat Miji Lif 24 1.5X Data Sheet.

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MIJI LIF 24 - 2X

Miji Lif 24 - Recognized as the Industry Standard

The Magnus MIJI LIF 24 is the latest design of the original pneumatic driven platform agitation parts washer. Modular by Design- the modular Miji Lif 24 can be arranged to meet most cleaning applications as a stand alone, multi-stage with manual load transfer, or multi-stage with automatic load transfer.

Powerful Cleaning Capabilities - rotation, ultrasonic, high volume liquid sparging options are available, if required, to enhance the time tested and proven platform agitation.

Thorough Cleaning - reaches difficult interior areas of parts.

Sloped Bottom - sloped bottom allows easy cleanout of the tank.

Load Capacity - generous 150 lb. load capacity is standard, optional 450 lb. load capability.

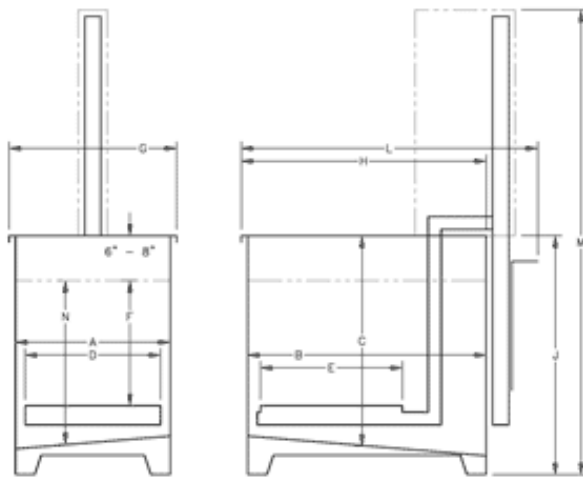
Available in three standard sizes - Miji Lif - 24 1X, Miji Lif 24 -1.5X, and Miji Lif 24 - 2X

MIJI LIF 24 Additional Features:

- Can be equipped for either aqueous or solvent cleaning
- Stainless steel lid on all models with return guides to keep condensation in the tank
- Pneumatic stroke length selector for short or long stroke
- Standard roller platform for easy load transfer in multi-stage systems
- Adjustable surface overflow height for gravity counter-flow of adjacent tanks
- Hot or cold cleaning of up to 150 lbs. of parts
- Water inlet and drain valve
- Can be set up with partial tunnel enclosure for water vapor control
- Suitable for cell type wash systems

MIJI LIF 24 Available Options:

- Rotation "tumbling" or "non-tumbling" type
- Pneumatic powered automatic lid opening device
- Electric stroke length adjustment for 1" - 18" stroke length
- Removable roller platform covers where required
- Ultrasonic transducers by PowerSonics, a division of MPP
- Automatic cycle timers for process control
- Programmable 7 day timers for convenient heat up times
- Automatic water addition or pump counterflow
- Low water level process lockout
- System configuration with common utility drop
- Baskets or custom load fixtures
- Electric or steam heat
- Heater guardian for electric heated machines



Stand Alone Unit

MACHINE DIMENSIONS

Machine Number:		24-1X	24-1.5X	24-2X
INSIDE TANK:				
Length	A	23.5"	36.75"	49.75"
Width	B	33.5"	33.5"	33.5"
Depth	C	30.5"	30.5"	30.5"
DIPPING SPACE:				
Length	D	22"	35.25"	48.25"
Width	E	22"	22"	22"
Depth	F	18"	18"	18"
OVERALL TANK:				
Length	G	26"	39.25"	52.25"
Width	H	36"	36"	36"
Height	J	35.5"	35.5"	35.5"
OVERALL MACHINE:				
Length	G	26"	39.25"	52.25"
Width	L	44.5"	44.5"	44.5"
Height	M	70.5"	70.5"	70.5"
ROLLER PLATFORM:				
Total Length		22"	35"	48"
SOLUTION LEVEL:				
Height (above tank bottom):	N	23 - 25"	23 - 25"	23 - 25"

SERVICE CONNECTIONS

Machine Number:		24-1X	24-1.5X	24-2X
Drain Valve		1.25"	1.25"	1.25"
Overflow		1"	1"	1"
Air Inlet		3/8"	3/8"	3/8"
Water Inlet		1/2"	1/2"	1/2"
Air Supply (PSI)		60-125	60-125	60-125
Air Consumption (CFM)		3-5	3-5	3-5
Vapor Relief		4"	4"	4"
Average Heat Time (see note #4)		2-4 hrs.	2-4 hrs.	2-4 hrs.



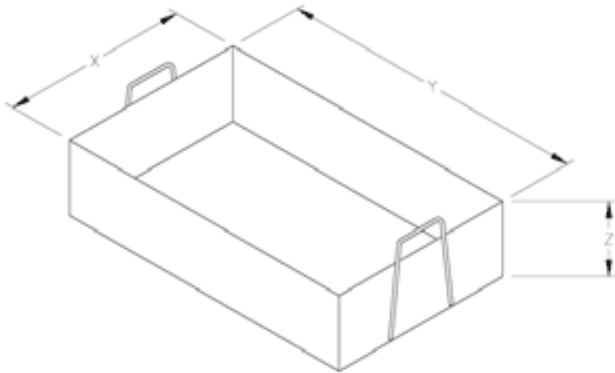
Multi-Stage with Manual Load Transfer

GENERAL DATA

Machine Number:	24-1X	24-1.5X	24-2X
Load Capacity (see notes 1 & 5)	150 lbs.	150 lbs.	150 lbs.
Liquid Capacity (gal)	85	130	170
Tank Wall Thickness	#12 ga.	#12 ga.	#12 ga.
Shipping Weight	500 lbs.	550 lbs.	600 lbs.



Multi-Stage with Automatic Load Transfer



BASKET DIMENSIONS (other options available)

Machine Number:		24-1X	24-1.5X	24-2X
Length	Y	20"	33"	46"
Width	X	20"	20"	20"
Depth	Z	8"	8"	8"

HEATING DATA

Machine Number:	24-1X	24-1.5X	24-2X
Electricity: (see note #2)	12kW	12kW	12kW
240V/1/60Hz	50A	50A	50A
240V/3/60Hz	29A	29A	29A
480V/3/60Hz	14.5A	14.5A	14.5A
Steam:			
Plate Length	23"	23"	23"
Plate Height	12"	12"	12"
Inlet Pipe	1"	1"	1"
Outlet Pipe	3/4"	3/4"	3/4"

AGITATION DATA

Machine Number:	24-1X	24-1.5X	24-2X
Short Stroke Length	2.5 - 4"	2.5 - 4"	2.5 - 4"
Long Stroke Length (see note #6)	In - Out	In - Out	In - Out
Up & Down Strokes (per min)			
Short	120 - 160	120 - 160	120 - 160
Long	20 - 30	20 - 30	20 - 30

Notes

1. 450 lb. capacity optional (with overall width .L. 54.5: air consumption of 7 - 11 cfm).
2. Fully immersed stainless steel sheathed elements will be furnished on all electrically heated units. Other kW voltages and multiple phases on request.
3. The data shown is typical and may vary with air pressure, load and shape.
4. From room temperature to 180 F.
5. Load capacity at maximum psi.
6. In and out stroke is advantageous in flushing out blind holes in parts.
7. Maximum part height is 12. - 14. for immersion cleaning agitation.