

**MAGNUS EQUIPMENT
 MIJI LIF 24
 PARTS CLEANING SYSTEM**

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




Stand Alone Unit



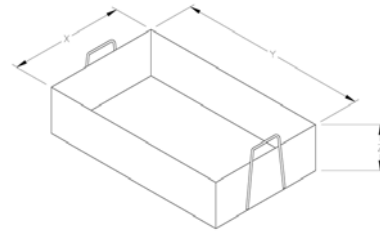
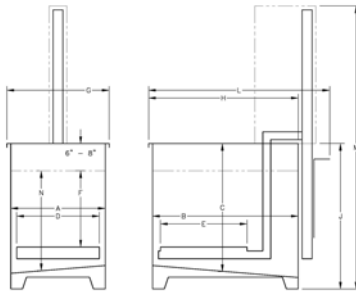
Multi-Stage with Manual Load Transfer



Multi-Stage with Automatic Load Transfer

<p>MIJI LIF 24 Additional Features:</p> <ul style="list-style-type: none"> • 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 	<p>MIJI LIF 24 Available Options:</p> <ul style="list-style-type: none"> • 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  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
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MIJI LIF 24 Specifications and Data



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

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.	2-4 hrs.

GENERAL DATA

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.

BASKET DIMENSIONS (other sizes 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

ELECTRICITY: (see note 2)	12 kW	12 kW	12 kW
240 V./1/60 Hz	50 A	50 A	50 A
240 V./3/60 Hz	29A	29A	29A
480 V./3/60 Hz	14.5A	14.5 A	14.5 A

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

Short Stroke Length	2.5 - 4"	2.5 - 4"	2.5 - 4"
Long Stroke (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

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