



# MIDACO Vacuum Systems

for CNC Coolant, Oil and Chip Removal



**MIDACO CNC Industrial Vacuum Systems** are designed to meet the extraction and recovery needs for coolant, oils, and emulsions with efficient filtration of metal chips through a micro-perforated carbon steel basket. This allows for easy disposal or quick reintegration of filtered lubricant and coolant. Decrease CNC machine downtime and reduce maintenance and oil replacement cost due to CNC clean up.



## M264VFL Industrial Vacuum for Dry Applications (100L)

Power	2.4 kW   3.3 HP
Full Load Amps	21.4 A*
Max Vacuum	250 mBar
Air Flow Rate	570 m3/h
Voltage   Hz	110/120   60
Tank Capacity	26.4 gal (100 L)
Vacuum Inlet	2.76" (70 mm)
Sound Level	76 db(A)
Weight	154 lbs (69.85 kg)
Dimensions W x L x H	26" x 31.5" x 59.65" (660mm x 800mm x 1515mm)
* NEMA L5-30P plug is provided	



### Accessories Included with M264VFL:

- 1 - flexible hose 124" (3149.6mm) long
- 2 - rubber m/f connectors
- 1 - 18" (457mm) wide squeegee floor tool
- 1 - 15.5" (393.7mm) metal crevice hand tool
- 1 - "S" extension pipe
- 1 - elbow connector
- 1 - Teflon filter
- 2 - reducers
- Wet & Dry upright floor attachment

### Description

- 1 - Material enters the chamber through the 2.76" (70mm) suction inlet.
- 2 - Material spins through the "cyclone" and falls into the container.
- 3 - Teflon pocketed filter stops humid and sticky dust generated in the vacuum.
- 4 - Remove dust off the filter INSIDE the canister with the manual "Filter Shaker".
- 5 - Dust and residue fall into the 100 L container for easy disposal.



## M264V Industrial Vacuum (100L)

Power	2.4 kW   3.3 HP
Full Load Amps	21.4 A*
Max Vacuum	250 mBar
Air Flow Rate	570 m3/h
Voltage   Hz	110/120   60
Tank Capacity	26.4 gal (100 L)
Solids Container	13.2 gal (50 L)
Vacuum Inlet	2" (50 mm)
Extraction Time	26.4 gal (100 L) / 50 sec
Sound Level	72 db(A)
Weight	198.4 lbs (90 kg)
Dimensions W x L x H	27.5" x 17.7" x 55" (700mm x 450mm x 1400mm)
* NEMA L5-30P plug is provided	

valve handle at base



oil steam filter



micro-perforated carbon steel basket with added 150 micron PPL filter for very fine chips

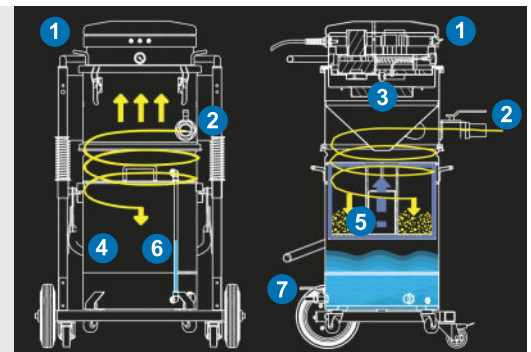
See the optional **M74OILKIT** and **M100OILKIT** for accessories (back page)



### Description

- 1 - Vacuum head with 3 single-phase bypass motors.
- 2 - Material enters the "cyclone" and falls into the container.
- 3 - Filter stops the oily steam generated in the vacuum.
- 4 - Liquid is drawn into the 26.4 gal. (100L) container. Safety float stops the vacuum when the container is full.
- 5 - Micro-perforated carbon steel basket separates solids and the liquid. (includes a 150 micron PPL filter for very fine chips)
- 6 - External indicator shows liquid level in the container.

easily move with forklift



## M264VOS Industrial Vacuum with Flow Inversion (100L)

Power	3.4 kW   4.6 HP
Full Load Amps	12.6 A*
Max Vacuum	320 mBar
Air Flow Rate	420 m3/h
Voltage	480V but can run 240V as well 3-phase
Tank Capacity	26.4 gal (100L)
Solids Container	13.2 gal (50 L)
Vacuum Inlet	2" (50 mm)
Extraction Time	26.4 gal (100 L) / 50 sec
Discharge Time	26.4 gal (100 L) / 100 sec
Sound Level	78 dB(A)
Weight	242.5 lbs (110 kg)
Dimensions	33" x 28" x 64" (840mm x 710mm x 1620mm)
W x L x H	
* NEMA L15-20P plug is provided	



micro-perforated carbon steel basket with added 150 micron PPL filter for very fine chips

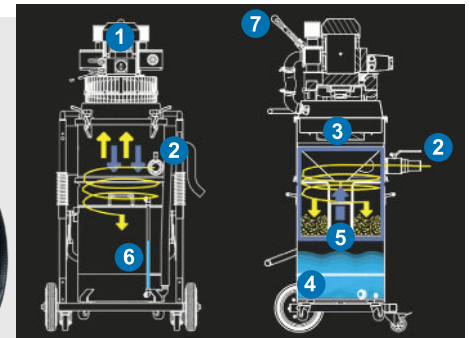
See the optional **M74OILKIT** and **M100OILKIT** for accessories (back page)



valve handle at top

### Description

- 1 & 7 - Side channel blower with reverse flow discharge system.
- 2 - Material enters the "cyclone" and falls into the container.
- 3 - Filter stops the oily steam generated in the vacuum.
- 4 - Liquid is drawn into the 26.4 gal. (100L) container. Safety float stops the vacuum when the container is full.
- 5 - Micro-perforated carbon steel basket separates solids and the liquid. (includes a 150 micron PPL filter for very fine chips)
- 6 - External indicator shows liquid level in the container.



## Large Tank Industrial Vacuum with Flow Inversion

Two Sizes: **M740VOS-(280L)** **M1320V-(500L)**

Power	3 kW	3 kW
Full Load Amps	20 Amp*	20 Amp*
Max Vacuum	94 inch H2O	94 inch H2O
Air Flow Rate	345 CFM	345 CFM
Voltage   Hz	110/120   60	110/120   60
Tank Capacity	74 gal (280 L)	132 gal (500 L)
Solids Container	10.57 gal (40 L)	10.57 gal (40 L)
Vacuum Inlet	2" (50 mm)	2" (50 mm)
Extraction Time	50 gal (189 L) / 100 sec	50 gal (189 L) / 100 sec
Discharge Time	50 gal (189 L) / 100 sec	50 gal (189 L) / 100 sec
Sound Level	72 dB(A)	72 dB(A)
Weight	333 lbs (151 kg)	425 lbs (193 kg)
Dimensions	27.5" x 57" x 55" (700mm x 1450mm x 1400mm)	31" x 62" x 59" (787mm x 1575mm x 1499mm)
W x L x H		
* NEMA L5-30P plug is provided		



See the optional **M74OILKIT** and **M100OILKIT** for accessories (back page)

### Description

- 1 - Three (3) powerful by-pass motors activated by a single switch.
- 2 - Pivoting inlet enhanced for effortless maneuverability.
- 3 - Micro-perforated carbon steel basket separates solids and the liquid. (includes a 150 micron PPL filter for very fine chips)
- 4 - Liquid is drawn into the 74 gal./132 gal. (280L/500L) container.
- 5 - Filter stops oily steam generated in the vacuum.
- 6 - A level sensor automatically stops the vacuum upon reaching maximum capacity.
- 7 - Discharge System - externally mounted vacuum pump, maximizing the tank's full capacity and ensuring thorough emptying without any residue.
- 8 - Liquid is discharged through hose and nozzle.





# CNC Industrial Vacuum Systems

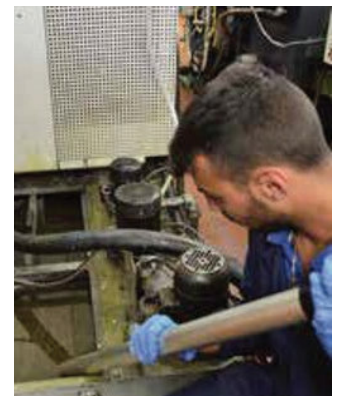
## Optional M100ILKIT Attachment Kit

- 1 - flexible hose 124" (3149.6mm) long
- 2 - rubber m/f connectors
- 1 - 18" (457mm) wide squeegee floor tool
- 1 - 4.5" (114.3mm) rubber scraper hand tool with metal m/m connector
- 1 - 2" (50mm) dia. round rubber hand tool with metal m/m connector
- 1 - 15.5" (393.7mm) metal flat crevice hand tool
- 1 - "S" extension pipe
- 1 - flat head extension pipe floor tool



## Optional M740ILKIT Attachment Kit

- 1 - flexible hose 124" (3149.6mm) long
- 2 - rubber m/f connectors
- 1 - 2" (50mm) dia. round rubber hand tool



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