



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.





CNC Industrial Vacuum Systems

Large Tank Industrial Vacuum with Flow Inversion

Two Sizes: M75V (75 gal) M150V (150gal)

Full Load Amps	15.3 Amp	15.3 Amp
Min. Sealed Vacuum	146" H2O	146" H2O
Max Flow	137.1 CFM	137.1 CFM
Voltage Hz	120VAC Single Phase 60Hz	120VAC Single Phase 60Hz
Tank Capacity	75 gal. (283.9L)	150 gal. (567.8L)
Solids Container	7.2 gal. (27.25L)	7.2 gal. (27.25L)
Vacuum Inlet	2" (5.08 cm)	2" (5.08 cm)
Pump	1 HP	1 HP
Discharge Time	75 seconds (10ft of head)	150 seconds (10ft of head)
Pump Max Head	75 feet (22.86m)	75 feet (22.86m)
Weight	476 lbs (215.91kg)	576 lbs (261.271kg)
Dimensions	24.5" x 53" x 56" (62.23cm x 134.62cm 142.24cm)	35.5" x 67" x 62" (90.17cm x 170.18cm 157.48cm)



CNC Coolant Recovery System

- Dual-Stage Fluid Purification: Engineered for high-volume CNC coolant reclamation and simultaneous debris separation.
- Continuous Operations Support: Maximizes CNC uptime by keeping sumps clean and coolants free of damaging particulates.

Primary Filtration (150-Micron Nylon Monofilament Filter Bag)

- High-Efficiency Chip Separation: Advanced monofilament barrier isolates structural chips, shavings, and micro-debris instantly.
- Heavy-Duty Structural Support: Reinforced by a high-flow, perforated stainless steel basket built for demanding industrial environments.
- Washable and Reusable Design: Precision nylon weave ensures long-lasting durability and easy maintenance.

Motor Protection (5.0-Micron Air Filter)

- Ultra-Fine 5-Micron Barrier: High-efficiency polyester media captures microscopic mist and airborne particles before they reach vital components.
- Industrial-Grade Rigidity: Built with a wire-mesh reinforced support structure and a rigid, expanded metal core to withstand high pressure.
- Maximum Motor Longevity: Proactively shields the vacuum motor from premature wear, ensuring years of reliable, peak performance.

MVTOOLKIT

Attachment Kit included:

- 1 - 15ft flexible hose: 184" (4673.6mm) long with 2" dia. cuffs
- 1 - S-curve extension wand 54" (1271.6mm)
- 1 - Floor squeegee tool 14" (355.6mm)
- 1 - Flat utility nozzle 4" (101.6mm)
- 1 - Chrome crevice tool 24" (609.6mm)



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