

THE POWER TO

CONTROL

» Part Quality

» Cycle Times

» Productivity

» Profitability



Identification »

Mold-Vac® is a standalone system designed to eliminate molding problems caused as a result of gas and air entrapment. Exclusive to Mold-Vac design is its blowback control that cleans vented pins after every cycle. Mold-Vac provides precise microprocessor control for both vacuum and blowback timing functions. Economically priced, all units are easy to install and operate.



Consider reject costs . . .

Consider the Mold-Vac®

Vacuum Generation

Eliminates part burns, voids and short shots; Reduces reject rates and improves part quality. Vacuum cycle can be adjusted from 0-24" hg.

Blowback Function

The patented two-phase blowback assists in part ejection (1st phase) and purges vented pins (2nd phase). Purging of the vent pins reduces mold maintenance and increases productivity.

Precise Control

Custom precision microprocessor allows for precise control of vacuum and blowback functions. Vacuum control can be adjusted to 1/10th of a second, eliminating flash and improving part quality.

Portability

The self-contained, compact design and quick disconnects allow the Mold-Vac to be easily moved from press to press.



Fast and Easy Installation.

The Mold-Vac is self-contained and ready for immediate installation & operation.

It's a simple, cost-effective solution that can solve molding problems caused by air & gas entrapment.

Customer Testimonials »

" The Mold-Vac is really a process enhancer, prior to purchasing our first unit, we experienced a tremendous amount of burns, we now have four systems... we have been very satisfied."

- AirTex/Mid South

" The Mold-Vac reduces maintenance costs... the system definitely helped eliminate trapped gas and part burns... if we fail to turn the Mold-Vac on, we notice a difference in part quality."

- ITW Filtration

" Reject rates were reduced from 15% to less than 1%... the Mold-Vac opened up the processing window. After installing the unit we noticed less build-up of volatiles on ejector pins... vents now require less cleaning."

- Ventura Plastics

" After the Mold-Vac was installed we experienced far fewer problems with the flow lines, gas traps, and bubbles."

- World Class Plastics Inc.

» How would I know if the Mold-Vac® is suited for my application?

First determine the cause of the problem. Are you trapping air or gas in the mold? Are you sacrificing cycle time to let the air and gas escape? Are your part burns caused by air and gas entrapment? If the answer is yes, then the Mold-Vac is well suited for your application.

» What types of materials have been used with the Mold-Vac?

Both thermoplastic and thermoset. From ABS, Acetyl, Nylon, Ultem, PPO, PP to Phenolics. The operation of the Mold-Vac is not dependent on material type. If part quality problems are the result of gas or air entrapment, the Mold-Vac is an ideal solution.

» You offer various sizes, which unit should I purchase?

Proper selection is based on a number of variables including part volume (cubic inches), fill time and mold design. Provide us with your application information and our staff will select the proper unit for your individual needs.

» What is required for installation?

The Mold-Vac is self-contained, i.e., all controls, gauges, etc. are mounted in a common enclosure for immediate installation and operation. Simply mount the unit beside the press, position the limit switches (2 supplied) and lastly, connect vacuum type tubing from the Mold-Vac to the mold.

For more Q&A visit
www.caeservices.com/products/moldvac.php

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