

Mold-Vac Unit Helps Worldwide Dispensers Fabricate Quality Parts

Worldwide Dispensers (Lester Prairie, MN) is a highly successful and fast growing manufacturer of high quality, plastic taps and related dispensing fitments. They have two facilities, one in the UK and one in the US. As a precision injection molding company, the Lester Prairie Division operates 40 molding machines ranging in tonnage from 25 to 390 tons. The 80-person division serves many industries including the medical, consumer and liquid packaging, and automotive.

Manufacturing engineer Eric Gehrke says the company is using one Mold-Vac system from CAE Services (Batavia, IL) to address a specific product quality issue. “The Mold-Vac unit was installed because we were experiencing gas build up problems on a particular part. The phenomenon was causing holes in the parts where holes were not acceptable. We needed to eliminate the gas and enable the mold to fill this section of the part completely. Prior to installing the Mold-Vac unit, we tried to address the issue by employing some specialized venting techniques in the mold. The Mold-Vac system was a much more consistent alternative.”

As a result of implementing the use of the Mold-Vac unit, Worldwide Dispensers has decreased scrap rates on the part and reduced inspection time. “Prior to using the Mold-Vac system,” says Gehrke, “there were instances when we had to perform 100 percent inspection to determine which parts were saleable. Whereas now, that’s not an issue. We don’t have to worry about holes because the Mold-Vac unit has taken care of the problem.”

Gehrke says Worldwide Dispensers moves the Mold-Vac unit from molding press to molding press depending on where the part happens to be running. “The Mold-Vac system is easy to operate and move around. It’s very easy for our mold technicians to set-up and to use it. It’s a nice self-contained product. We keep it on a movable cart and wheel it around depending on where it’s needed. We just plug it in, hook it up, and

it’s ready to go. It’s been a good, rock-solid, reliable unit, requiring little to no maintenance.”

He adds that without the Mold-Vac unit, part quality would decrease. “We would end up with holes, voids, or gas indications. That’s not acceptable, especially for medical parts,” says Gehrke.

Regarding Worldwide’s relationship with CAE Services, Gehrke explains, “When we have had questions or interpretation issues, we called CAE Services directly. They always answer my questions right on the spot. They never have to call me back. They are a very user-friendly organization.” CAE Services offers innovative plastic engineering consulting services, state-of-the-art software products, Mold-Vac systems, and committed expertise to address a wide range of design-for-manufacture needs.



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