

# -PRESS RELEASE-

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## **Currier Plastics Invests in additional Sumitomo Injection Molding Machines**

**Auburn, NY.** Currier Plastics is adding additional Sumitomo Injection Molding (IM) machines that will strengthen their medium tonnage range for lid and cap molding. The new additions ( HSZ and EV series)are all electric and are designed to be more energy efficient, provide a cleaner molding environment and be more precise at higher speeds and pressures.

Currier Plastics is taking advantage of Sumitomo's "zero-molding" patent pending technology, which means to bring waste and defects as close to zero as possible. The benefits that Currier is looking for include improved filling balance, a prolonged mold life, labor and energy savings, better mold clamping precision and improved injection accuracy. "Simply put, these new machines will enable a better part to be molded, at a better cycle time because the mold will open, close, inject and recover faster, with a reduction in energy usage," said Sriraj Patel, IM Project Engineering Manager.

The extruder screw is controlled by servo controls. With better accuracy in injection pressure, this makes plasticization, filling and pressure holding processes more precise and stable. Filling pressure is lower and more balanced even for multi shot molding. Using feedback, or a closed loop control platform, gives you a more stable clamp force, using about 10% less energy.

Another advantage that attracted Currier is the high speed processing of thin walled parts. Because of the advancements Sumitomo has made in their control logic particularly in the HSZ Series, Currier is able to reduce cycle time due to superior injection rate capabilities and faster clamp speeds.

Currier Plastics is located in the heart of central New York and has been custom molding for a variety of industries such as plastic packaging, beauty and cosmetics, amenities, household consumables and medical measuring devices since 1982.

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CUSTOM DESIGN / INJECTION MOLDING / BLOW MOLDING



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