



Dynomax Adds Two All-Electric ENGEL e-max Machines

YORK, Pa. – Oct. 26, 2009 – ENGEL e-max is the all-electric injection molding machine of choice for close tolerance, micro injection molder Dynomax, Inc., as they move towards equipment featuring all-electric technology and smaller, more precise injection units.

When Dynomax, Inc., officials began investigating new technologies for its growing injection molding operations early in 2009, they had some serious requirements. “Our drive towards greater quality, smaller, more precise parts and intricate detail is the primary motivator for the newest, most accurate technology available,” explained Richard Mensik, manufacturing engineer with the Chicago area-based manufacturer.

As a result they selected two ENGEL e-max machines for their molding operations. “ENGEL showed a tremendous amount of technical expertise and support,” said Mensik, “along with a strong service organization.”

Dynomax designs, manufactures and develops high-precision machined components and specialty machines for the aerospace, military, transportation and medical industries. The company is a premier injection molder of thermoplastics and silicones, utilizing vertical and horizontal insert, as well as multi-component capabilities.

“The small footprint (of the ENGEL e-max) was advantageous,” said Mensik, “but more critical was the precision and repeatability of the injection unit. Ease of controller use was also a strong consideration. It doesn’t matter how powerful a machine is if you can’t use it. We felt that the control system was easier to interface with.”

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Dynomax will run several series of products on the new e-max machines. In addition, because they specialize in products for strictly controlled or clean room applications, the company is expanding its product offerings into such markets as medical, electronics, connectors and gears. “We also have extensive experience with specialized resins for these markets, and we believe the acquisition of the ENGEL e-max machines will strengthen our position in these respective areas,” Mensik said.

The company plans to continue replacing their hydraulic machines with electric technology. According to Mensik, “Growth is our primary driver for new equipment, and better technology will determine our path. A large part of our decision to go with ENGEL was predicated on partnering with a supplier capable of providing product for all of our needs.”

The ENGEL e-max features highly-integrated control and parallel drive technology for increased performance, all in a cost-effective package that fits in a small industrial footprint. The lubrication-free tie bars and enclosed belt drives make the e-max suitable for use in cleanroom operations. In addition, ENGEL’s e-max can reduce energy consumption by 60 percent compared to a hydraulic machine.

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ENGEL North America

From facilities in the United States, Canada and Mexico, ENGEL North America provides its customers a single source for design and manufacture of injection molding machines for thermoplastics and elastomers, a full range of plastics processing technology modules and a full scope of automation solutions. With eight production plants in Europe, North America and Asia (China, Korea), subsidiaries in 17 countries and representatives in over 70 countries, ENGEL North America provides its customers the global support they need to compete and succeed with new technologies and leading-edge production systems. For more information, visit www.engelglobal.com/na.

Press release



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