

# Elite accelerates growth in medical market with Toshiba electrics

When Elite Mold & Engineering Inc., a leading supplier of precision-molded plastic parts, wanted to take advantage of new business opportunities in the medical device market, they decided to jump-start their growth with injection molding systems from Toshiba Machine. The all-electric systems will be on display at Toshiba's booth # 3707 during PLASTICS USA/PLASTECH Midwest in Rosemont, IL, September 23-25.

Based in southeast Michigan, Elite Mold [www.emoplastics.com](http://www.emoplastics.com) specializes in rapid-cut tooling and low-volume injection molding of high quality plastic parts used in automotive components, medical devices, consumer products and the electronics industry. But it is the medical device market that offers the greatest new business potential, according to Elite Mold &

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*Joseph Mandeville, President  
Elite Mold & Engineering*

Engineering President Joseph Mandeville. “We believe this market will eventually account for 75% of our business,” he said

To meet the low volume, high quality and tight tolerances required by medical device manufacturers, Elite Mold researched molding system suppliers and decided to partner with Toshiba Machine. “Their machines offer high quality and consistency backed by reliable support – the same benefits we provide to our customers,” said Mandeville.

Purchased by Elite earlier this year, Toshiba's 85-ton EC85NII and 110-ton EC110NII all-electric injection molding machines feature faster cycle times, quicker response, greater dimensional accuracy and part repeatability, quieter operation and less maintenance than



competitive systems, helping molders increase productivity and performance. Their shot-to-shot consistency results in less than three rejects per one million parts produced, improving quality ratios while reducing material waste, disposal and recycling costs.

What's more, the all-electric systems have no hydraulic oil, eliminating possible spills or leakage and making them ideal for clean room requirements and cosmetically sensitive parts. They also require 60% to 80% less energy to operate and are backed by Toshiba Machine's four-year limited warranty, one of the highest in the industry.

Both machines come equipped with the V30 controller – a fully programmable, user-friendly touch screen enabling operators to set molding functions, view operations in process and make changes as necessary. By speeding machine set-up and programming for unmanned operation, the V-30 results in fewer man-hours, lowering labor costs.

Thanks to installing the two systems, Elite Mold has not only gained substantial new business in the North American medical device market, but has opened the door to similar opportunities in other countries. “As business grows here and abroad, we expect to add more Toshiba systems in the near future,” said Mandeville.

“We did a lot of research and talked to other molders before partnering with Toshiba,” he added. “With the quality, performance and support that

they provide, Toshiba is the leader in electric injection molding systems.”

For more information on Toshiba EC-NII all-electric injection molding machines, please visit Booth # 3707 during PLASTICS USA/PLASTECH Midwest in Rosemont, IL, September 23-25. Or contact Tom McKeivitt at Toshiba Machine, 1-847-709-7207; [tmckeivitt@toshiba-machine.com](mailto:tmckeivitt@toshiba-machine.com). For information on Elite Mold & Engineering Inc, please visit Booth # 2626 during MD&M Midwest in Rosemont, IL, September 23-25 or visit [www.emoplastics.com](http://www.emoplastics.com).

Toshiba Machine Co., America is a wholly owned subsidiary of Toshiba Machine Co., Ltd., of Tokyo, Japan. Based in Elk Grove Village, IL, Toshiba's Injection Molding Machines Division designs and builds hydraulic and electric molding machines ranging from 5 to 3850 tons, and offers a wide range of specialty molding technologies. Supporting customers throughout North America are a network of field sales representatives, a 24/7 technical hotline, extensive inventories of replacement parts, machine financing, installation and start-up services, training programs and more.

For more information, please visit [www.toshiba-machine.com](http://www.toshiba-machine.com).

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