

## Unique Sandvik, Mazak event unlocks secrets to modern art of milling

The first in a unique series of milling presentations conducted by Sandvik Coromant Canada, Mississauga, ON and Mazak Corporation Canada, Cambridge, ON provided an in-depth look at how various milling processes and techniques can be used and optimized to improve productivity and reduce costs.

“The Modern Art of Milling presentation is not specifically about our product, but how to use these tools and about toolpaths specifically; how to optimize the processes and how to protect your tools,” says John Benedetti, application and solutions, machine investments with Sandvik. Benedetti conducted the live demonstrations of the processes and techniques discussed during the presentation section of the program.

Sandvik had previously announced that it would partner together with Mazak Canada in 2010 to bring its Modern Art of Milling event to locations throughout Canada. The presentation at Mazak’s Cambridge facility was the first such event held this year. The Modern Art of Milling show features extensive information on how dramatically tooling affects overall productivity and cost.

Kevin Lorch, project manager at Sandvik Coromant and one of the presenters at the event, agreed with Benedetti on the focus of the Modern Art of Milling presentations. “These events are not structured as a typical training session or tooling seminar that focuses on Sandvik Coromant products. The main purpose of Modern Art of Milling is to stimulate manufacturers to think about how tooling is used and how it can dramatically impact productivity and efficiency.”

Adds Lorch, “Milling is a form of art. Just like an artist requires the right tools and techniques to create a painting or sculpture, an engineer needs to incorporate the right milling techniques and appropriate tools to create a final product.”

Ray Buxton, general manager with Mazak Corporation Canada, welcomed attendees to the event and provided the audience with an overview of Mazak, both in North America and globally. “This event is something that Mazak is very committed to and we are very pleased to partner with Sandvik on it.”

According to Buxton, despite the global economic downturn in 2009, Mazak undertook a number of initiatives during the year including a \$ 9 million investment in its lean manufacturing plant in Florence, KY. “We have a manufacturing philosophy in Florence that we call production on demand. For example, what production on demand allows us to do is make machines specifically for the Canadian market. What that means is that Mazak machines come into the Canadian marketplace fully compliant to Pre-Start Health and Safety Review (PSHSR) requirements.

“In addition, we have also recently started to offer our machines equipped to accept 575v with no external transformer. Over the life of the machine that means the user saves between 3% to 5% in energy costs. This is something we’ve been able to offer because of our production on demand system in Florence and our dedication to the Canadian market,” says Buxton. All Mazak machine tools supplied to the Canadian market are also built in accordance with CSA standards.

The Modern Art of Milling event attracted nearly 150 attendees. The Sandvik/Mazak Modern Art of Milling presentations will be held next in Quebec City, QC on February 9 at the Hotel Quebec Inn and February 11

at the Quality Hotel Dorval, St. Laurent, QC The times for both sessions are 9 a.m. to 1 p.m. For further information or to register for an event visit Sandvik Coromant at [coromant.sandvik.com/ca](http://coromant.sandvik.com/ca)