Dimac showcases innovative machine tool accessories to drive shopsâ€™ productivity

Dimac Tooling will take advantage of the captiveaudience at Australia’s leading trade show for the machine tool andmetalworking industry, Austech 2012, and showcase an array of new products andsolutions for efficient machining on CNC machining centres, lathes and mills,designed to make for simpler, more economical machining operations.

Visitors to Dimac’s Stand (D116) can experience howclear visibility of the machining process can increase their productivity,especially during intensive coolant use. Since modern machines prevent the doorbeing opened during operation for safety reasons, a so-called “windscreenwiper”, or “spin window”, which cleans the window by centrifugal forces, can bethe solution for a clear view. The spin window is designed to providevisibility into machines with coolant system pressures of up to 80 bar, such asthose found on through-tool coolant delivery systems. It comes standard withcarbon-coated glass for resistance to chip activity and low maintenance cost.

Machine shops can also reduce costs and at the sametime increase productivity through proper coolant maintenance. “Three majorforces are making us take better care of our coolants,” Mr Fowler explains.“First, coolants are becoming more expensive. Second, the increasing cost oflabour means they are more expensive to take care of. Third and finally, thecost of disposal keeps increasing. In order to keep our coolants workingproperly for years we have to understand how they work, and why they go bad.Once you understand what is going on, you can expect to use a coolant sump foryears before it will need changing or major maintenance.”

The Dimac team will explain all aspects of coolantmanagement and maintenance to interested visitors at their stand, anddemonstrate the latest additions to their coolant maintenance productportfolio, including the upgraded Zebra Oasis Coalescer System. The Zebra Oasisportable coalescer extends the life of coolant and tooling and prevents shopmist or any health issues.

Separating and removing tramp oil is key to thelongevity of any coolant. The Oasis is an all-in-one system with a smallfootprint and not only separates tramp oil, it also includes the added benefitsof suspended particle filtration and odour control.

Moreover, as an established CNC machine toolsaccessories supplier in Australia and New Zealand, Dimac Tooling offers morethan just a wide portfolio of products and solutions. “We support our customersand markets firstly by providing durable, easy-to-use machine tool accessoriesspecifically tailored to the needs of the Australian manufacturing industry,and secondly with custom-workholding solutions,” says Dimac Director PaulFowler.

He encourages Austech visitors to use the opportunityand talk to the Dimac Team during the show to find out how they can helpimprove operations. “The correct workholding selection can increasemanufacturing process stability, efficiency and safety,” Mr Fowler explains.“An efficient manufacturing process not only requires good machine selectionand proper cutting tools, but also the right workholding. The first two areas typicallyreceive substantial consideration, but workholding is often overlooked.”

For even more efficiency and flexibility, Dimacintroduces the Kitagawa TJ series trunnion rotary table, which puts 5-axiscapabilities well within the reach of the average job shop. Available in two configurations with a 380mmplate, the trunnion bolts directly to the table of a 3-axis machining centreand can be easily removed when not needed.

For more information please visit www.dimactooling.com.au.

Contacts

Barbara Schulz
0488771477
mailto: bschulz@com4tech.com.au