

Press Release

August 5, 2008



IMTS 2008 International Manufacturing Technology Show

**September 8th to September 13th, 2008
At the McCormick Place in Chicago, U.S.A**

Mori Seiki will participate in the "**IMTS 2008**" International Manufacturing Technology Show, which will be held at the McCormick Place in Chicago from September 8th to 13th, 2008. The IMTS, which marks its 27th show this year, is one of the largest trade fairs along with Japan's "JIMTOF" and Europe's "EMO", and the largest in North America with 1,500 companies and 91,000 people from 119 countries participating from around the world.

At the 1,580 m² booth, our company will display 19 models that will fulfill the customers' needs. Also, with the theme of this exhibition labeled "**THINK BIG**", it will suggest innovative ideas (Big Ideas), the best machines (Big Machines) and the best solutions (Big Solutions) for customers.

During the session, there will be Japanese staff standing by at our booth. We will be looking forward to your visit.

■Main Highlights

Display of New Models - NT6600 DCG, NMV8000 DCG, NH6300 DCG II, DHP 80, etc -

The NT6600 DCG is the world's fastest multi-axis machine with a turning length of 4,076 mm, maximum turning diameter of $\phi 1,070$ mm and a Y-axis stroke of 660 mm, and is suitable for long/large-diameter workpieces. Rapid traverse rate of the Z-axis and tool changing time (chip-to-chip) far surpass previous models, so they provide the fastest machining in its class. The NMV 8000 DCG is a high-precision, 5-Axis Control Vertical Machining Center with a workpiece swing diameter of $\phi 1,000$ mm, loading capacity of up to 1,000 kg which is suitable for large workpieces with complex-shaped machining. At the exhibition, a No. 50 spindle will be displayed. For the NH6300 DCG II, the floor space was cut down by 11%, the axis travel (X-axis/Y-axis/Z-axis) was expanded to 1,050/900/980 mm respectively, and the axis acceleration has increased by 50% to achieve the top performance among the 630 mm square pallet class. The DHP 80 is a high-precision horizontal machining center manufactured by DIXI machines in Le Locle, Switzerland. Its positioning accuracy for both directions is 0.99 μm , and the repeatability, positioning accuracy is 0.90 μm , which achieves high-precision equal to 3D measuring instruments.

There will be other models and peripheral equipment displayed as well.



NT6600 DCG/4000CS

Education On Demand - Another Original Technology by Mori Seiki "Online Educating System" -

The online educating system was created to obtain fundamental knowledge and technology of machine tools from a computer, a request that has been made by our customers for a long period of time. By gathering the experiences and results of our company's training institution Mori Seiki University (Chicago, U.S.A), anyone can learn basic knowledge essentially with game-like contents and 3D animations. This system will be translated into 9 languages worldwide, and students will be able to take classes without having to worry about the time or place to learn.

During the exhibition, there will be a demonstration for this, so that people could actually try using the system.

Innovation of the Americas - The Second Cutting Dream Contest in the United States -

The Cutting Dream Contest has been held 4 times in Japan since its start in 2004. The second annual Cutting Dream Contest in the United States will be held at the IMTS 2008. We hope that many great works with a unique, American sense will be gathered.

During the exhibition, there will be an award ceremony and display of the awarded works in our booth.

■IMTS 2008

Date	September 8 - 13, 2008, 10:00~18:00
Location	McCormick Place, Chicago (U.S.A) Booth A- 8400
Mori Seiki booth area	1,580 m ²
IMTS official website	http://www.imts.com/

■Planned display machines

CNC lathe	DuraTurn 2550MC	NL3000Y/700
	NL3000Y/3000	NZ-S1500/500
Integrated mill turn center	NT4250 DCG/1500SZ	NT6600 DCG/4000CS
	NZ1500T3Y3 (Skeleton)	NZ2000T3Y3
MCs	DuraVertical 5080	DuraVertical 5100
	NH4000 DCG	NH6300 DCG II
	NMH6300 DCG	NMV5000 DCG (Skeleton)
	NMV5000 DCG (CPP8)	NMV8000 DCG/50
	NXH3000 DCG	
DIXI	DHP 80	
Taiyo Koki	NVG-8CT	