

Press Release

August 2, 2007

The EMO Hannover 2007 International Machine Tool Fair —Unveiling our continually evolving "Pure Technology" in Europe—

September 17 (Mon.) ~ 22 (Sat.), 2007, Hannover Messe, Hannover, Germany

Mori Seiki Co., Ltd. will be exhibiting at the **EMO Hannover 2007** International Machine Tool Fair from September 17 (Mon.) ~ 22 (Sat.), 2007, at the Hannover Messe, Hannover, Germany. Like JIMTOF in Japan and IMTS in the USA, EMO is one of the world's largest machine tool fairs, with over 2,000 companies taking part. In 2005, 160,000 people from 101 countries visited the exhibition.

At EMO, we will introduce the latest machine tool technology, under the theme of **Pure Technology**. In our **2,700 m²** booth we will have software and **26 machines**, including small and large 5-axis control machines, multi-axis machines and CNC lathes, as well as peripheral equipment and automation systems.

Also, the "Cutting Dream Contest," which is sponsored by Mori Seiki and is held every year in Japan, will take place in Europe for the first time at this exhibition. The Cutting Dream Contest is open to companies, schools and research institutions engaged in machining with cutting machine tools, and is intended to improve the exchange of information and techniques throughout the machining industry. During EMO, selected entries from Europe will be on display and the awards ceremony will take place in the Mori Seiki booth.

We are looking forward to your visit!

Below we will introduce three of the new machines and Mori Seiki software which you will be able to actually see and try for the first time at EMO.

◇NMV8000 DCG -A new Series of our wildly popular 5-axis control machines-

Announcing a new Series to join the highly praised NMV5000 DCG. This is the world premiere of this large 5-axis machine with DDM™ for the table drive on the B and C axes, strokes of 1,200 mm on the X-axis and 610 mm on the Y-axis, and a maximum workpiece diameter of 1,000 mm.



NMV8000 DCG

◇NMH10000 DCG -The world's largest, fastest, most accurate trunnion-type 5-axis horizontal machining center-

By using Mori Seiki's original technology, DCG®, and super-large diameter DDM™ (Direct Drive Motor) for the A and B axes, we have achieved highly responsive 5-axis control.

In particular, the simultaneous control of the 2 DDM™ on the A-axis allows powerful, high-precision machining of complex shapes for workpieces with a maximum diameter of 1,500 mm and mass of 2,500 kg.



NMH10000 DCG

◇DuraTurn 2550M -The CNC lathe with the long-awaited milling function-

We have added milling specifications to our DuraTurn Series, which was already a best-seller thanks to its cutting power and basic performance. For this milling function we have used the same BMT™ (Built-in Motor Turret) as the NL Series, which has sold 7,000 units, to offer high-efficiency milling with our cutting-edge technology.



DuraTurn 2550M



◇Software -Latest operating system-

At the exhibition, you can try out our MAPPSⅢ new-generation operating system with conversational functions and the 3D interference checking function, MORI-AP, which offers easy programming on your office PC, and MORI-NET, which promises swift maintenance service by monitoring your machines through the network.

■ EMO Hannover 2007

Date	September 17 (Mon.) ~ 22 (Sat.), 2007, 9:00~18:00
Location:	Hannover Messe, Hannover, Germany, Hall 27 B-44
Mori Seiki booth area	2,700m ²
EMO official website	http://www.emo-hannover.de/homepage_e

■ Planned display machines

CNC lathes	NL1500SY/500	NL2000SMC/500 loader (LG-05) specifications
	NL2500SY/700	NL3000Y/3000
	DuraTurn 2050	DuraTurn 2550M Milling specifications
	NZ-S1500/1000	
Multi-axis machines	NT3200 DCG/1000SZ loader (LG-10) specifications	NT4250 DCG/1000SZ
	NT4300 DCG/1500SZ	NT5400 DCG/1800SZ
	NT4200 DCG/1000SZ skeleton	
	NZ1500T3Y3 Bar feeder specifications	NZ2000T3Y3
Machining centers	NH5000 DCG/40 6CPP	NMH10000 DCG
	NVD1500 DCG	NVD6000 DCG
	NMV5000 DCG APC specifications	NMV5000 DCG Robot specifications
	NMV8000 DCG	
	DuraVertical 5060	DuraVertical 5100
	NXV3000 DCG Loader specifications	NXH3000 DCG Loader specifications
DIXI	JIG 1200	