

Press Release

October 5, 2010

The 25th Japan International Machine Tool Fair -The X-class makes its debut in Japan at JIMTOF 2010-

Mori Seiki Co., Ltd. (Mori Seiki) will join the 25th Japan International Machine Tool Fair **"JIMTOF 2010"** from Thursday, October 28 to Tuesday, November 2.

This is the first JIMTOF since establishing the business collaboration between Mori Seiki and GILDEMEISTER (DMG) of Germany. To celebrate the new cooperation, both companies are hosting a joint booth featuring 15 new models among the 34 machines to be displayed, hands-on experience and other events.

■ JIMTOF 2010 event details

Date & Time	Thursday, Oct. 28 through Tuesday, Nov. 2 9:00~17:00
Venue	Tokyo Big Sight (Tokyo International Exhibition Center, East Hall 3)
Booth Location and Dimensions	Booth No. E3022, 2,600m ²
Official JIMTOF web site	http://www.jimtof.org/

■ Highlights

[Mori Seiki]

The "X-class" machines will be exhibited for the first time in Japan at JIMTOF 2010.

The X-class builds on the proven performance of the N Series, offering enhanced product quality, measures against thermal displacement, and energy efficiency. In addition, the X-class is available in a wide variety of models.

NLX2500 Series: The NLX2500 Series ensures high rigidity. The improved design use different platforms for turning, milling, and Y axis specifications. In addition, the NLX2500 machine can offer longer tool life and capabilities for heavy-duty cutting (Fig. 1 NLX2500/700)

NVX5000 Series: The NVX5000 Series of vertical machining centers offers vibration damping performance and dynamic rigidity made possible by slideways used in all axes. The NVX5000 machine also uses the heat-symmetrical structure for the spindle to minimize thermal displacement. (Fig. 2 NVX5080/40)

NHX Series: The NHX Series of horizontal machining centers offers improved cost performance. The NHX Series makes high speed, high accuracy machining possible with a rapid traverse rate of 60 m/min. (Fig. 3 NHX4000)

NTX Series: The NTX Series of integrated mill turn centers is an ideal choice for machining small precision parts. The NTX machine offers the high-precision complete machining. (Fig. 4 NTX1000)

[DMG]

DMG machines support various machining, and satisfy diversifying customers' needs.

DMU 50 eco: The DMU 50 eco features 5-axis indexing machining with excellent cost performance. This is an ideal model for customers who consider introducing an entry-level 5-axis machine. (Fig.5 DMU 50 eco)

HSC 55 linear: The HSC 55 linear of high-speed cutting precision centers offers 3 to 5 axis machining using a linear motor drive.

DMU 80 P duoBLOCK®: The DMU 80 P duoBLOCK® offers various machining with 3 different milling heads and 2 different types of table composition, and handles up to 5-axis machining. The machine won the "40th Machine Design Award (40th Anniversary Award)" sponsored by the Nikkan Kogyo Shimbun for its high quality design.

ULTRASONIC 20 linear: The ULTRASONIC 20 linear is a next generation machine, offering both ultrasonic and high speed machining. This machine handles milling and machining of both hard and soft materials.

LASERTEC 40 Shape: The LASERTEC 40 Shape is another next generation machine boasting laser precision. 6-axis control makes micro 3D machining possible.

■ **Event/Seminar/Hands-on Experience**

Cutting Dream Contest	All 105 entries will be on display. Please enjoy the works that show the high level of technical skills and a passion for manufacturing.
Technical Workshop "How to make the best use of 5-axis and multi-axis machines"	Introduction of application examples with a wide range of Mori Seiki and DMG machines (Date & Time: Sunday, October, 31 13:00- Venue: Room 606, 6th floor of Conference Tower)
Hands-on Experience	Hands-on experience with MAPPS IV high-performance operating system and Education On Demand (EOD)
Happy Hour	Happy Hours will be hosted everyday from 16:00 at the meeting space of our booth. Alcohol and snacks will be served.

■ **Campaign**

At JIMTOF 2010, we will offer imported DMG and DIXI products **at affordable prices to pass on the benefit of the strong yen to customers.** Please come and see the machines for yourselves

■ **Display machines**

CNC Lathes	NLX2500/700 (with loader)	NVL1350MC
	NLX2500/700 (with robot)	DuraTurn 310 V3 eco
	NLX2500MC/700	Sprint 20 linear
	NLX2500SY/700	
Machining Centers	NVX5080/40	NVD1500 DCG HSC
	NVX5080/40 (with robot)	DuraVertical 635 eco
	NHX4000	HSC 55 linear
	NHX5000/40	DHP100 II
	NMH5000/50	CPP System
Multi-axis Machines	NTX1000/SZM HSC (with bar feeder)	NZL2500Y /600
	NTX2000/1500SZ	NZL6000CY/2000
	NT4250 DCG/1500SZ	
5-axis Machines	NMV1500 DCG HSC	DMU 50 eco
	NMV3000 DCG (AWC)	DMU 80 P duoBLOCK®
	NMV5000 DCG	DMC 125 FD duoBLOCK®
Machines for Mass Production Lines	DIM-1500	TMC2500
	DIM-1500 x 2 units (with robot)	
Advanced Technologies	NN1000 DCG HSC	ULTRASONIC 20 linear
	LASERTEC 40 Shape	



Fig. 1 NLX2500/700



Fig. 2 NVX5080/40



Fig. 3 NHX4000



Fig. 4 NTX1000



Fig. 5 DMU 50 eco