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Press Release

April 25, 2014

IGA INNOVATION DAYS 2014

DMG MORI SEIKI CO., LTD. will hold IGA INNOVATION DAYS 2014 from May 21 (Wed.) to 24 (Sat.) at its Iga Campus.

This year's INNOVATION DAYS will showcase 42 cutting-edge machines including two Asia premieres and present machining demonstrations on many of these machines. Highlights of the exhibit include 12 new design concept machines that represent successful collaboration with our German partner DMG MORI SEIKI Aktiengesellschaft. All of these machines incorporate CELOS, a newly developed operating system. With a futuristic design and the industry's first touch panel, CELOS simplifies and facilitates the process from the idea to the finished product. Also, the CELOS applications enable management of digitized production instruction, process and machine data as well as visualization of records, bringing greater productivity to the users.

The Excellence Center will be opened in the Iga Campus Global Solution Center, aiming to offer customers the best machining solutions specialized for the "automotive," "aerospace" and "medical" fields where sustainable growth is expected. Our specialized staff will explain practical technical know-how in a clear and easy-to-understand manner to help customers maximize their productivity.

During the four-day event, factory tours and seminars on the latest technology will be offered every day. The seminars presented by academic experts will include a variety of future-oriented technical topics from machining challenges to advanced technologies that can help improve work and skills.

Free shuttle buses will be available from the JR Nagoya and JR Shin-Osaka stations for transportation to the Iga Campus.

We are looking forward to meeting you at the event.

Date	May 21 (Wed.) - 24 (Sat.) 10:00 - 17:00
Location	DMG MORI SEIKI CO., LTD. Iga Campus Address: 201 Midai, Iga City, Mie 519-1414, Japan TEL: +81-(0)595-45-4151 <Access by car> Exit at Midai IC on Route 25 (Meihan National Route) It takes about an hour from Nagoya, and about two hours from Osaka.

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The following are some of the machine highlights to be presented at IGA INNOVATION DAYS 2014.

<NLX Series>

The NLX series CNC lathes boasting extensive machine specifications will be on display with the new design covers and CELOS installed. The machines use coolant circulation inside the bed to suppress thermal displacement and the flat slideways on all axes to ensure stable turning. Additionally, the machines employ BMT® (Built-in Motor Turret) to minimize heat generation and vibration, thereby improving cutting ability and accuracy. The rotary tool spindle with a maximum torque of 100Nm allows the machines to offer powerful milling and superb accuracy equivalent to those of a machining center. At INNOVATION DAYS 2014, a variety of live cutting demonstrations, including small-diameter machining of aluminum and powerful milling of large-diameter workpieces, will be presented on seven NLX models with different chuck sizes (from 6 to 18 inches).

<NVX 5000>

Two of the latest NVX 5000 series machines with different table sizes that feature the new design covers and CELOS will be exhibited. The NVX 5000 vertical machining center, known for its outstanding rigidity and durability, employs slideways on all axes to achieve excellent stability and damping performance. Thanks to the spindle with a larger inner-diameter bearing, rigidity has been improved by 20 percent compared to the previous model. Machining demonstrations will be performed on the NVX 5100 equipped with a BT50 taper spindle to show stable heavy-duty cutting achieved with its wide slideways.

<DMC 60 H *linear*>

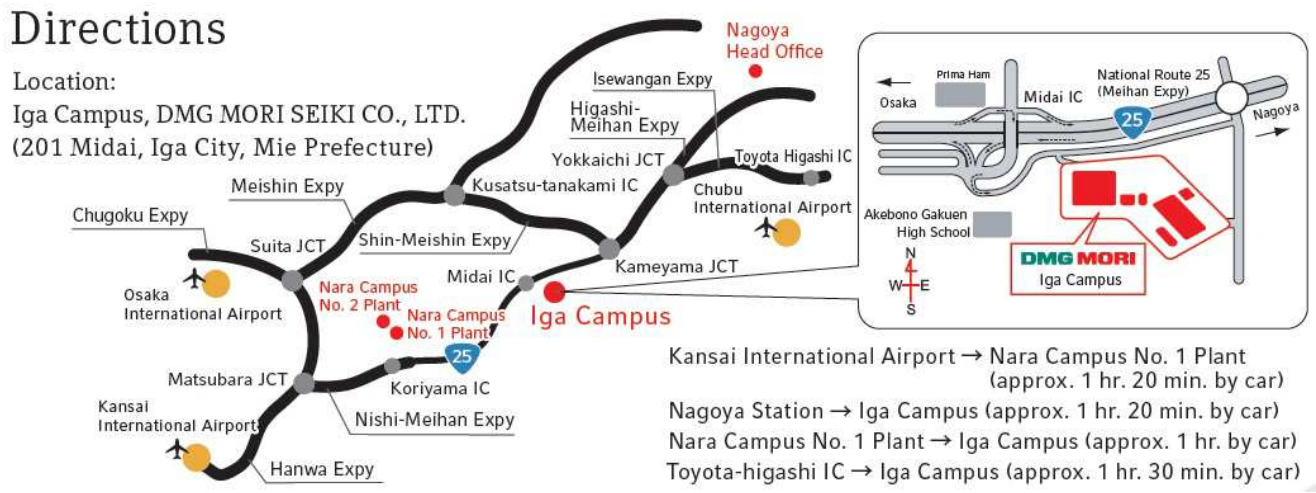
The DMC 60 H *linear* five-axis horizontal machining center incorporates a large window for better visibility and a stealth design for excellent accessibility. The modular concept provides customers with flexibility in choosing the ideal specifications for their machining, such as the APC, the 5-axis specification and the automation system. The machine is especially suitable for machining automotive parts like powertrains that vary in size, shape and production volume and difficult-to-cut materials that are used to maintain product quality using their heat-, wear- and corrosion-resistant characteristics. The linear drives are employed for the X-, Y- and Z-axis feed to offer rapid traverse speeds of up to 100 m/min. and accelerations up to 1G, which leads to significant reduction in machining time. During the event, visitors to the Automotive area will see high-efficiency 5-axis machining of cylinder heads demonstrated on the machine.

<Display machines> * indicates machines with the new design concept + CELOS

5-axis machine	DMU 50	DMU 65 FD monoBLOCK®
	DMU 60 eVo *linear*	DMU 80 FD duoBLOCK®
	DMU 60 monoBLOCK®	HSC 20 *linear*
	DMU 85 monoBLOCK®	HSC 55 *linear*
	DMC 60 H *linear*	DMF 260 | 11 *linear*

Vertical machining center	MILLTAP 700 (2 units on display)	MAX 3000
	NVX 5080 I 40 *	NVX 5100 I 50 *
Horizontal machining center	NHX 5500 *	NHX 6300 *
CNC lathe	NLX 1500SY | 500 *	NLX 2000SY | 500 *
	NLX 2500 | 500 *	NLX 2500SY | 700 *
	NLX 2500Y | 1250 *	NL 3000Y | 1250 *
	NLX 4000BY | 1500 *	CTV 250 DF
	SPRINT 42|10 *linear*	
Multi-axis machine	NTX 1000 | SZM (2 units on display)	NTX 2000 | 1500SZ (2 units on display)
	NZX 2000 | 800STY3	NZX 2500 | 600L
	NZX 2500 | 600Y *	NZX-S1500 | 500
	NZX-S2500	
ECOLINE	CTX 450 *ecoline*	
Laser machine	LASERTEC 65 Shape	LASERTEC 20 PrecisionTool
Ultrasonic machine	ULTRASONIC 20 *linear*	
Machine for small parts machining	DIM-1500	
Machine for automotive parts machining	i50 (concept model)	
Vertical grinding machine	Vertical Mate® 35	

<Access to Iga Campus>



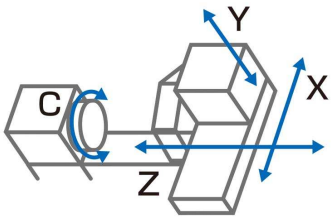


Photo 1. NLX 4000

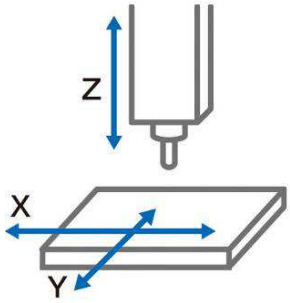


Photo 2. NVX 5100

Photo 3. DMC 60 H *linear*