

## Press Release

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September 19, 2013

# Machines with New Design Concept Unveiled at EMO Hannover 2013

Mori Seiki and GILDEMEISTER (DMG) have unveiled 15 new machine models featuring a new, unified design concept at EMO Hannover 2013, which is being held from September 16 to 21 in Germany.

Mori Seiki and DMG have continued and enhanced their strategic collaboration since 2009. On October 1, 2013, both companies will change their company names to DMG MORI SEIKI to further strengthen their collaborative effort in product development. The new design was developed to offer even greater usability, functionality and durability and enables you to recognize at a glance the collaboration between the two companies.

The new machine cover was designed with the highest priority given to operator usability. The cover has a larger window to ensure the highest visibility. The large window enables operators to visually check the machining operation that requires high precision and to avoid interference and other mistakes. Additionally, the new cover comes with a light line as standard. Operators can check the machine's operating status at a glance by looking at the color of the light line located at the machine front. If a problem occurs during machining, the warning light comes on to inform the operators of the problem, allowing them to quickly deal with the problem. The rounded cover design provides not only visual sophistication but also increased safety.

The CELOS, the operating system which was newly developed in collaboration between Mori Seiki and DMG, are employed for those 15 machines. The CELOS is equipped with dual wide displays with screen sizes of 21.5 inches and 15.6 inches, and the button display can be switched according to a machine operation mode. The operability of the CELOS operation panel has been significantly improved compared to the existing model. The switches for rapid traverse, feedrate override and manual pulse handle were developed in-house from mold in an effort to achieve a high level of usability and design.

Durability of the new machine cover has been enhanced so that machines will be able to keep their exterior aesthetically beautiful while being used for as long as 10 to 20 years in customers' shop floors. A high-quality fine structure is used for the cover so that it can better protect machines from scars and breakage. For the new design concept machines, two color options of black and white are available. We assure that the new cover will give brightness to customers' shop floors. The new design also makes it easier to see station number plates on turrets of lathes.

The new models have been designed with a great focus on every detail and in such a way that the operators feel they want to use the machines for a long period of time. The establishment of the production system will be under way, and we will start taking orders for the EMO display models in April 2014.

Mori Seiki continues to enhance the product lineups and release them in respond to the demand of a wider variety of shop floors.



Photo 1. NLX2500/500 (White specification)



Photo 2. NLX3000MC/1250 (Black specification)



Photo 3. DMU 80 P duoBLOCK® (Black specification)



Photo 4. DMC 650 V (White specification)