

**Design or non-design:
form and function
follow ergonomics and operator language**
METAV 2018 in Düsseldorf to spotlight machinery design



((01-DMG Philipp Kriener.jpg))

To quote Philipp Kriener, Manager Corporate Design at Gildemeister Beteiligungen GmbH, Bielefeld: "Thanks to appropriate design of the products and the operator interface, we offer the user a holistic experience subsuming haptic, visual and action-related perceptions."

Photo: DMG Mori



((02-DMG DMU 200 Gantry))

Dynamic five-axis gantry milling machine in the new "Stealth Design"

Photo: DMG Mori



((03-DMG Multisprint 36))

A new multi-spindle concept has also been developed on the principles of "Stealth Design".

Photo: DMG Mori



((04-HELLER Jürgen Walz))

To quote Dr.-Ing. Jürgen Walz, Development Director at Gebr. Heller Maschinenfabrik GmbH, Nürtingen: "Whereas in the past ergonomics covered only operator control of the machine, nowadays software ergonomics are gaining steadily in perceived importance."

Photo: Heller



((05-HELLER HF-Bedienpult))

In order to improve operator control ergonomics, the console of a new machine series was fitted with a double articulated arm.

Photo: Heller



((06-SHW Martin Rathgeb))

To quote Martin Rathgeb, Technical Director of SHW Werkzeugmaschinen GmbH, Aalen: "For us, good design is a symbiosis involving a multiplicity of optimised functions. The operator with his needs is gaining progressively in perceived importance even during the machine's development stage."

Photo: SHW



((07-SHW Unispeed2000))

Machining centre in new design with integrated workstation for the machine operator.

Photo: SHW



((08-SHW Unispeed2000_Workstation))

The influence of design on function is well exemplified not least at the control console of the newly designed machining centre.

Photo: SHW

You will find the pictures in a printable version for downloading on the internet under <http://www.metav.de/fotos>