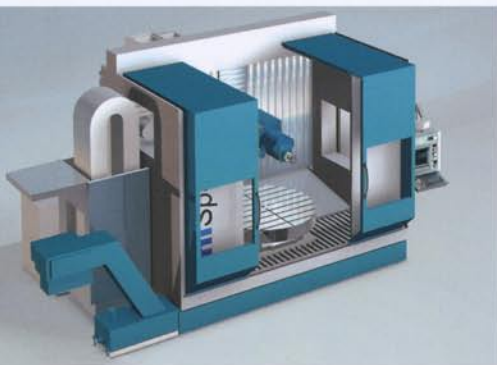


**A new generation
of gantry-type travelling
column machines :**

SHW UniSpeed5T



No foundation - lower investment costs...



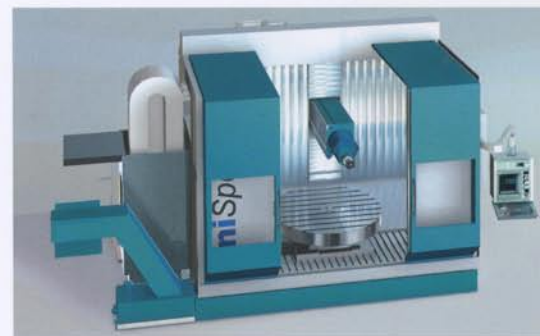
The recently developed SHW UniSpeed 5 requires no foundation. This important cost factor can be ignored!

The Reason: The rigid machine base is made of Hydropol composite material. The combination of this material and the gantry-type construction contribute to the expected precision even during heavy cutting – in addition to exceptional dynamic capabilities, as required by today's cutting technology, especially during finishing operations.

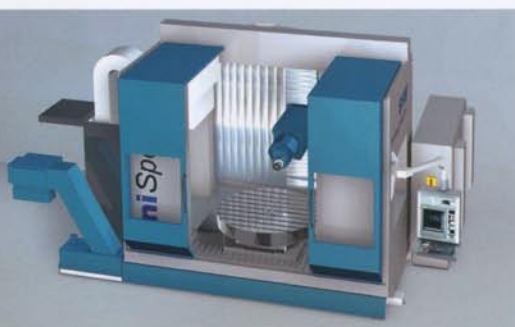
Flexible and universal turning...

New and powerful turning tables with turning speeds up to 250 rpm increase considerably the many uses of the new SHW UniSpeed5T.

Complex milling operations, 3-D surface machining capabilities, and all-around machining, combined with full featured vertical turning operations in one set-up.

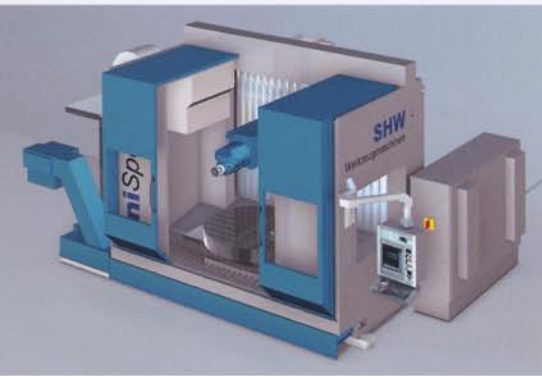


Variable use of several tool systems...



New tool holding systems for the SHW UniSpeed 5T permit the flexible use of various tool systems, like Sandvik CAPTO C6 and C8, or Komet ABS 63, 80 and 100, up to VDI50 and Kennametal KM 50 and KM63. The milling spindle can be optionally equipped with a SK 50, HSK 63 or HSK 100 milling taper. In addition, the indexing of the tools via face gearing permit even higher cutting performance– especially important when utilizing long tools for turning.

More advantages with the new SHW UniSpeed 5...



- Traversing speeds up to 30m/min / 100ft/min
- Turning with constant cutting speed and full CNC turning features
- Turning tool offsets and milling tool offsets as per mode active
- Use of a various tool systems, best suited for the specific needs
- Large CNC-table for either milling or mill/turn applications
- The powerful SHW Universal Milling Head

Basic Technical Data for the SHW UniSpeed5...

Axis travel: X-axis horizontal	2,000mm	78.7 inches
Y-axis vertical	1,300mm	51.2 inches
Z-axis RAM	1,300mm	51.2 inches

Clamping Area: 1,600mm 63 inches

Spindle Positions Indexing: A- and C- Axis

Spindle Power: up to 36 kW 48 HP

Spindle Speed : up to 6,000 RPM

Automatic Tools Changer: 48 tools and more

CNC Controls: Siemens or Heidenhain



fast



dynamic

SHW Werkzeugmaschinen GmbH, Germany

flexible

presented by:

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