

Mahr Federal Upgrades PRIMAR



Mahr Federal Inc. added a new 3-axis gagehead and application family software to its PRIMAR universal measuring system.

Mahr Federal said that the gagehead's 3-D maneuver-

ability assures the probe is always normal to the measurement surface for minimal deflection and that the probe can continuously scan up to 19,200 measurement points for nonprismatic dimensional characteristics, as well as roundness and diameter.

For more information, contact Mahr Federal of Providence, RI, by telephone at (800) 969-1331, by fax at (513) 489-6302, by e-mail at info@fedprod.com, or on the Internet at www.mahrfederal.com or www.mahr.com.

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New Gear Roundness Measuring System from Mitutoyo

Mitutoyo America Corp. has a new roundness measuring system for gears and various cylindrical forms: the RA-H5000.

In its press release, Mitutoyo said its system offers high accuracy and production speed, fully automates measurement, assessment and printout of gears and cylindrical forms, and much improves throughput, measuring accuracy and analysis

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performance.

The system has a turntable rotational accuracy of (0.02 + 6H/10,000)mm, vertical column straightness of 0.05 mm/100 mm, parallelism with rotating axis of 0.2 mm/350 mm and measuring arm straightness of 0.5 mm/200 mm.

For more information, contact Mitutoyo, located in Aurora, IL, by telephone at (630) 978-5385, by fax at (630) 820-7403, by e-mail at info@mitutoyo.com, or on the Internet at www.mitutoyo.com.

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New CNC Automatic Lathes from Meritage



Two new CNC precision automatic lathes that can hob gears are available through REM Sales Inc., a division of Meritage Inc. The new lathes are the Tsugami MU 26/38 and BU 26/38, two

Swiss-style machines.

In its press release, Meritage said the machines have the largest bar stock capacity of any Swiss-style machines in their class. The models can accommodate bar stock up to 38 mm in diameter, with stroke of 250 mm, main spindle output of 11/7.5 kW and sub side output of 5.5/3.7 kW. The models are available with either 26 mm or 38 mm bar stock capacity.

Meritage said those configurations permit high-precision complex thread milling, polygon machining, gear hobbing and balanced turning and threading.

For more information, contact REM Sales, located in East Granby, CT, by telephone at (860) 653-0071, by fax at (860) 653-0393, or by e-mail at sales@remsales.com.

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New Gear Hobbing Machine from Hamai

Hamai Co. Ltd. has a new CNC 5-axis gear hobbing machine that can cut wet or dry, can reach a hob spindle speed of 5,000 rpm and can direct cut heat-treated gears of 50 HRC.

The machine, N-60, can cut up to module 2 and an outside diameter of 100 mm, and has a FANUC 18MC CNC control with five axes.

In its press release, Hamai Co. Ltd. of Tokyo, Japan, said the machine was simple to operate with its conversational-type cutting data input system.

For more information, contact Hamai by e-mail at k-sato@hamai.com, by fax at (81) 3-3494-7536, or on the Internet at www.hamai.com.

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If you did not care for this column, circle 358.

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