



New Gearhead Line from Mijno Precision Gearing

The MRP gearhead line from Mijno Precision Gearing is a group of all-planetary, low-backlash, servo-grade gearheads intended for applications that do not involve rapid reversing or acceleration.

The MRP is available in one or two stages with ratios from 100 to 1. Five sizes are offered. The product is shaped as a round-body gearhead with tapped holes in the face of the output shaft end. At the motor input end, there is a square flange for assembly to servomotors. A clamping-style input pinion is self-locating, enabling assembly to servomotors.

For more information, contact the North American office in Park Ridge, IL, by phone at (847) 698-9041 or visit www.mijno.com.

New Gear Grinding Machine from Reishauer

Reishauer's new RZ 400 gear grinding machine utilizes gearless planetary drives, acoustic sensing for alignment of dressing diamonds and low-noise shifting for surface finish improvement.

Applications for this machine include small and large batch production.

According to Reishauer's press release, the idle times are minimized. Flexibility in generating different gear tooth geometry, as well as applying diverse grinding cycles and profiling

processes, is guaranteed.

For more information, contact Reishauer Corp. in Elgin, IL, by phone at (847) 888-3828 or on the Internet at www.reishauer.com.



Screw Jacks From Nook Industries

Nook Industries' Actionjac metric ball screw jacks are available in 0.5-ton to 20-ton capacities, in ball screw or machine screw designs.

The Actionjac metric ball screw jacks feature low-profile, internal return ball nuts, while machine screw jacks are fitted with bronze, trapezoidal nuts. Actionjac metric jacks are available in upright or inverted configuration with translating or rotating lifting screw and optional top plate or clevis mounting. IEC motor and motor mounting options are also available.

For more information, contact Nook Industries of Cleveland, OH, by phone at (216) 271-7900 or on the Internet at www.nookindustries.com.

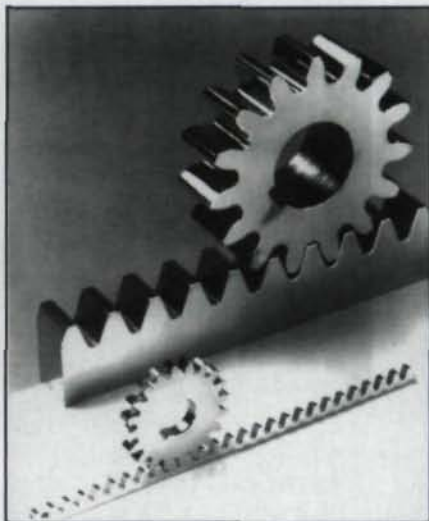
New Gearing Components from HD Systems

The CSD series is a line of ultraflat gearing component sets with a 50% reduced axial length and is designed for robotics, aerospace and factory automation applications.

The series uses an "S" tooth profile. Additionally, the construction of the component set allows the surrounding enclosure to be made more compact for size and weight savings.

The CSD size 20 has a rated torque of 248 in.-lbs. and a maximum torque of 673 in.-lbs. and is available in gear ratios of 50:1, 100:1 and 160:1.

For more information, contact HD Systems of Hauppauge, NY, by phone at (631) 231-6630 or visit www.HDSL.net on the Internet.



New Gear Rack from Emerson Power Transmission

Emerson Power Transmission expanded the Browning line of gear racks to include gears with 25° pressure angles.

According to Emerson's press release, other new capabilities include 1-64 DP, 0.5-28 module, a helical gear rack, a round rack and thickness and face width to 17.75". Products are developed to meet the requirements of the packaging, construction, machine tools, power plants, material handling, agricultural equipment and accessibility equipment industries.

For more information, contact Emerson Power Transmission of Maysville, KY, by phone at (606) 564-2087 or on the Internet at www.emerson-ept.com.

New Gear Reducer from Harmonic Drive Technologies

The Rotary Vector (RV) C hollow shaft gear reducer from Harmonic Drive Technologies offers high ratio gear reduction and a through-hole ranging from 31 mm (1.2") to 138 mm (5.4"). The measurements are suitable for vacuum lines, wiring harnesses, concentric shafting and cooling lines to be run through the center.

PRODUCT NEWS

According to Harmonic Drive's press release, the rated torque range is 867-27,754 lbs. with a peak torque range of 4,337-138,768 lbs. Total lost motion from all sources, including backlash, spring rate and hysteresis, is one arc-minute. The reducer includes built-in output bearings that support large thrust and overhung loads.

Applications for the product include rotary tables, wrist axes, welding positioners and other precise rotary positioning uses.

For more information, contact Harmonic Drive Technologies of Peabody, MA, by phone at (978) 532-1800, by e-mail at info@harmonic-drive.com or on the Internet at www.harmonic-drive.com.

New Grinding Machines from United Grinding Technologies

Combining centerless grinding and between-center grinding into one setup, the Kronos L Dual from United Grinding Technologies Inc. was specially developed for workpieces such as gearshafts, crankshafts, camshafts, or shafts for electric motors.

According to United's press release, this machine reduces machining time by approximately 45%. A workhead and tailstock are installed between the grinding and regulating wheels and beside the fixed workrest blade.

For more information, contact United Grinding Technologies Inc. of Miamisburg, OH, by phone at (937) 859-1975, by e-mail at ugt@grinding.com or on the Internet at www.grinding.com

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