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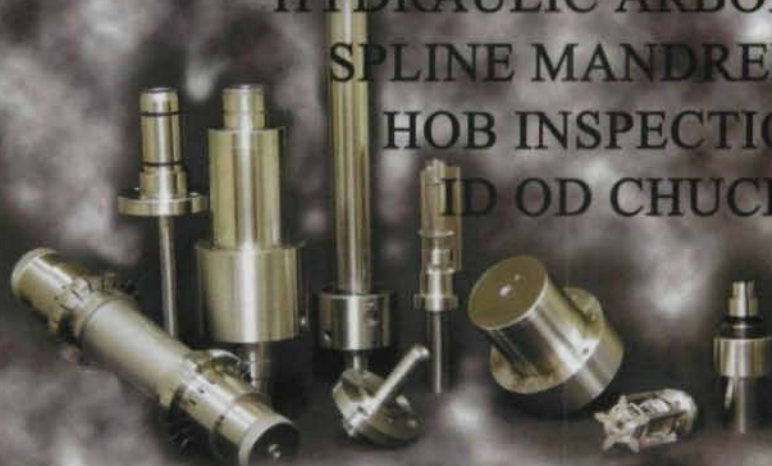
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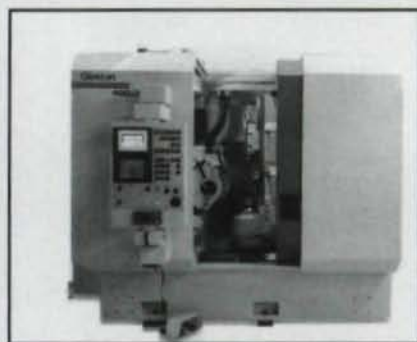
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**PRODUCT NEWS**



**New Threaded Wheel Grinder from Gleason**

The 400GX threaded wheel grinder from Gleason meets the need for finish grinding of gears for aerospace and other applications up to 400 mm in diameter and 8.0 module.

According to the company's press release, improvements in overall cycle times have been achieved through use of direct drive spindles for the grinding wheel and worktable spindles. Grinding surface speeds of 60 meters per second are also possible.

The grinder was designed to conserve floor space and for ease of use by installing a FANUC CNC controller with a Windows-based software interface.

For more information, contact Gleason Corp. of Rochester, NY, by telephone at (585) 473-1000 or on the Internet at [www.gleason.com](http://www.gleason.com).

**New Gearhead from HD Systems**

The CSF-XHJ Size 5 gearhead from HD Systems delivers 3 arc-minute positional accuracy in a package size that is 22 mm x 26 mm long.

The rated torque of the gearhead is 5 lb.-in. and the maximum torque can reach 24 lb.-in. The input of the gearhead provides a direct connection to any motor, according to the company's press release.

Available in gear ratios from 30, 50 and 100:1, the high precision miniature gearhead includes a shaft output.

For more information, contact HD Systems of Hauppauge, NY, at (631) 231-6630 or on the Internet at [www.HDSI.net](http://www.HDSI.net).



### New Gearmotors from Oriental Motor Corp.

The V Series quiet AC gearmotor from Oriental Motor Corp. provides strengthened shafts that mate to a series of long life (10,000 hours) GV gearheads.

Among their noise reduction techniques are a special tooth process technology that removes machining marks of 1-2 microns from the surface of motor pinions, an optimized quiet running design and new assembly techniques that ensure high accuracy assembly down to the micron level.

According to the company's press release, these gearheads achieve a three-fold increase in maximum permissible torque levels. Output power levels of 6W, 15W, 25W, 40W and 60W are available, depending on motor frame size. Induction, reversible and electromagnetic brake motors are available as options.

For more information, contact Oriental Motor U.S.A. Corp. of Torrance, CA, at (800) 406-7484 ext. 836 or on the Internet at [www.orientalmotor.com](http://www.orientalmotor.com).

### New Gearboxes from ZF Great Britain

The Graessner range of bevel gearboxes and gear sets is designed for power transmission and automation applications.

With a 98% efficiency rate, the range has graduated performance with units that offer superior precision, high torque and rigidity, and excellent levels of mounting flexibility.

The ValueGear is the entry-level unit and designed for OEMs. This product is packed with synthetic grease for lifetime lubrication and integrates "T" slots that provide adaption possibilities for mounting.

PowerGear has a rigid design and an optimized gear tooth contact pattern of 4,800 N-m torque performance from the smallest size envelope. These gearboxes require no external shaft couplings or flanges, enabling the user and OEM to save on both installation space and external equipment costs.

For more information, contact ZF Great Britain of Nottingham, U.K., by e-


mail at [rob.pearson@zf-group.co.uk](mailto:rob.pearson@zf-group.co.uk) or on the Internet at [www.zf-group.co.uk](http://www.zf-group.co.uk).

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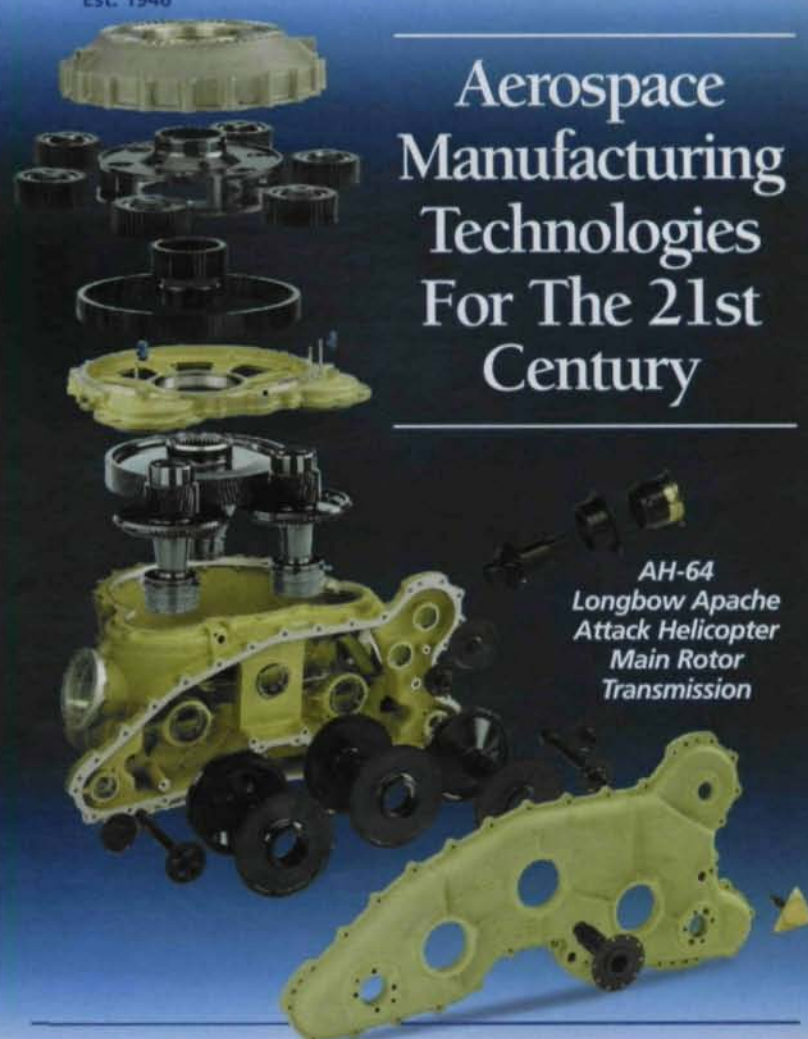
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