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Spiral & Straight Bevel Gear Manufacturing.
Commercial to aircraft quality gearing.
**Spur, helical, splined shafts, internal & external,
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& TOOL, INC.**
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CIRCLE 123

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YOUR SINGLE SOURCE FOR GEAR CUTTING TOOLS AND GAGES

CIRCLE 163

CURDWORTH ACQUIRES SYKES IN U.K.

W. E. Sykes, specialist in the design and manufacture of gear generating machines, has been purchased by Curdworth Engineering (UK) Ltd. As of December, 1997, control of the manufacture, supply and sales of the Sykes line of machines, service and spare parts, passed to Curdworth's control. Curdworth will now offer a range of gear hobbing and shaping machines in addition to its other products.

MACSTEEL® ADDS TWO PLANTS

Macsteel has recently added Nitro-Steel in Pleasant Prairie, WI, and the Heat Treating Division in Huntington, IN, to its operations. The NitroSteel Division offers carbon and alloy steel bars and tubes surface hardened by the Nitrotec process, which gives the final product a rich, ebonized finish that is an alternative to hard chrome plating. The Heat Treating Division is a state-of-the-art induction heating facility specializing in bar and tube heat treating.

MITSUBISHI TO DISTRIBUTE INNOVATIVE HEAT TREAT TECHNOLOGY

Mitsubishi International has announced that it has reached agreement with UK-based CoreFlux Systems to act as exclusive worldwide distributor of CoreFlux's Magnetic Field Technology. This patented process through-heats metal components up to 2000°F with $\pm 2^\circ$ accuracy and virtually no thermal gradient. Magnetic Field Technology generates heat by using hysteresis losses that result from stressing ferromagnetic and paramagnetic parts under a fluctuating magnetic field. Unlike conventional furnace and induction heating, which rely on thermal conductivity, hysteresis losses spread rapidly and evenly through the entire component, thereby avoiding skin effects and surface overheating.

VALENITE NORTH AMERICA ISO 9001 RECERTIFIED

Valenite Inc., a major supplier of cutting tools, has announced that all eight of its manufacturing sites and its six sales offices in North America have been ISO-9001 recertified. Valenite offers a complete line of standard and special indexable insert turning, boring, milling and drilling products. It also manufactures cutting fluids, carbide die and wear parts, high-speed steel cutting tools, special high-production tooling and electronic gaging systems.

FEINTOOL QS-9000 AND ISO 9002 CERTIFIED

Feintool New York, Inc., contract maker of fineblanked parts, has received QS-9000 and ISO 9002 certification. Feintool custom-engineered tooling and triple-action presses create complex precision parts in "one hit," enabling special shapes and exceptional tolerances at production economies. Automotive parts account for approximately 35% of the White Plains, New York plant's production. Other key users of fineblanked precision parts are the computer, office machinery and electronics industries. 

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