



GEAR GENERATION p a v i l i o n

IMTS2010
CONNECTING GLOBAL TECHNOLOGY

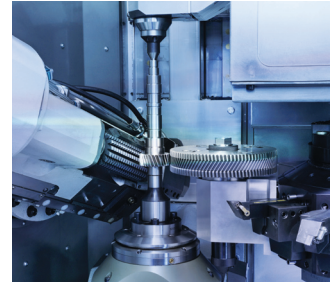
If you are looking for gear manufacturing equipment

– such as gear cutting, forming, and finishing, as well as broaching, shaping, and slotting machines, you must visit the Gear Generation pavilion. In addition to traditional applications such as auto, construction, mining, and ship-building, gears are finding even greater importance in the emerging alternative energy and wind power sectors.

» **North Building**
10am to 6pm

COMBINED PROCESS UNIVERSAL MACHINE

The Agilus 180TH features a universal and highly productive multi-functional concept capable of machining shaft and disk-shaped gears in a single setup. The tool turret for locating fixed or driven tools allows turning, drilling, and milling operations, as well as hobbing, and subsequent generating chamfering and deburring to be performed in the same setting. The CNC-controlled tailstock enables the machine to clamp a broad range of workpieces with support on both sides to guarantee optimum rigidity during machining.



IMTS Booth N-7000

Gleason Corp.
Rochester, NY
gleason.com

CNC GEAR SHAPING MACHINE

The Bourn & Koch 1000VBS CNC gear shaper is a 40" (1,000mm) gear shaping machine with 8" (200mm) stroke capability that has the potential of being paired with Bourn & Koch's 1000VBT vertical turning center or 1000VBG vertical grinder. Key benefit features for the 1000VBS CNC gear shaper are found in the innovative shaping head design, which offer the user:

- CNC controlled quick return;
- CNC controlled back off and cutter offset;
- CNC controlled tapering, crowning, and contouring; and
- CNC control of the helix motion of the cutter spindle (electronic guide).

IMTS Booth N-6924

Star SU LLC
Hoffman Estates, IL
star-su.com

