

# ThomasNet Industrial News Room<sup>sm</sup>

The PDF file contains the latest stories from Machinery & Machining Tools.

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**Tubing Cutter provides 6 cutting edges.**  
**SAS Automation, Ltd.**  
Xenia, OH 45385  
Jan 06, 2010

Offering one-hand operation, Tubing

Cutter is capable of cutting 4-8 mm vacuum and compressed air polyurethane tubing. To optimized cutting of pneumatic tubing, tool comes with self-contained 1 m tape measure. Cutter can also be locked for safe protection from blades.

**VMC combines hardmilling with 5-axis capabilities.**  
**Makino Inc.**  
Auburn Hills, MI 48326  
Jan 05, 2010

Equipped with 40 x 20 in. worktable, Model S56-5XB offers associated travels of 36 x 20 x 18 in. Table-mounted tilt/trunnion provides full 5-axis capability while remaining table surface can be used for 3-axis work. Machine's X-, Y-, and Z-axis linear motion guides support rapid traverse and cutting feed rates of 1,575 ipm. In addition to 40-taper, 13,000 rpm spindle and 20-tool magazine, machine includes Makino Professional 5 Control, which provides Windows CE GUI with touchscreen access.

**Laser System offers beam radius/delivery control.**  
**HANKWANG USA, INC.**  
Lombard, IL 60148  
Jan 04, 2010

Series PL features Beam Radius Control, which adjusts beam diameter for different material thicknesses, and Constant Beam Delivery System that ensures consistent length of beam over work area. System includes S5 High-Speed Cutting Head that allows up to 1,120 ipm for 20 ga mild steel and 790 ipm for 16 ga SS. Tube cutting rotary axis supports tubes up to 12 in. OD. Unit has plasma monitoring unit, lens crack sensor, as well as touchscreen CNC to simplify setup/operation.

**Automated Tube Cutting System is CNC-controlled.**  
**HANKWANG USA, INC.**  
Lombard, IL 60148  
Jan 04, 2010

Series TL features cutting head that uses quick piercing nitrogen-injection technology and measurement/sensing mechanisms that enable change from signal size to pulse monitoring to optimize cutting conditions. Able to cut up to 0.25 in. thick mild steel and 0.2 in. thick stainless steel in sizes up to 21 ft long and with 6 in. dia., unit incorporates Siemens SINUMERIK 840D for maintaining complete processing cycle control by single operator, using touchscreen and simple language commands.



**Sealed Sliding Jaw Chucks require minimal lubrication.**  
**SMW Autoblok Corp.**  
Wheeling, IL 60090  
Dec 30, 2009

Designed to reduce maintenance, sealed

sliding jaw chucks feature specially designed master jaws, internal parts, and Teflon seals that create airtight seal to keep chips, dirt, and fluids out of chuck body. Sealed chucks distribute lubrication to all internal components and maintain constant gripping force throughout 6-month lubrication interval. Available sizes and styles include Open and Closed Center Chucks in Standard, Long-Stroke, High-Speed, and Quick Jaw Change configurations.



**Digital Gauge Kit suits hand-operated press models.**  
**Carver, Inc.**  
Wabash, IN 46992 0544  
Jan 06, 2010

Battery-powered Digital Gauge Kit offers

user selectable readout in lb force, tons, metric tons, kilonewtons, or kilograms. Readings are generated in 100 lb increments, but optional increment settings of 1 lb or 10 lb are available. Each gauge features LCD face and is configured to individual press model.



**Spool Gun offers features for heavy-duty use.**  
**Hobart Welding Products**  
Lithonia, GA 30058  
Jan 05, 2010

Optimized for soft alloy wire welding in light

industrial, automotive, and farm applications, DP 3545-20 Spool Gun comes with 20 ft cable as well as gun barrel and cable suited for IronMan 230 MIG welder's 250 A output. Direct-connect power pin accelerates connection to wire drive system. Offering wire speed range of 200-1,200 ipm, 200 A spool gun weighs 8 lb with cable assembly and uses .030-.047 in. dia aluminum, steel, and stainless steel wire.

**Laser Cutting System provides optimal beam control.**  
**HANKWANG USA, INC.**  
Lombard, IL 60148  
Jan 04, 2010

Series PS Laser Cutter includes Beam Radius Control to adjust beam diameter for material type/thickness and Constant Beam Delivery System that provides precise beam delivery over length of work area. Unit features S5 high-speed cutting head that operates at up to 1,120 ipm on 20 ga mild steel and 790 ipm on 16 ga stainless, as well as plasma monitoring unit and lens crack sensor. Siemens SINUMERIK 840D with 15 in. touchscreen, high-efficiency air filter, and dehumidifier are also integrated.



**High-Productivity Turning Center is suited for job shops.**  
**Mazak Corp.**  
Florence, KY 41042 3092  
Jan 04, 2010

Controlled via MAZATROL SMART control, QT-SMART 200 features headstock with 8 in. chuck, mounted on 20 hp, 5,000 rpm spindle motor with 3 in. spindle bore. Roller LM guides are used to maximize rigidity at feed rates of 1,811 ipm on X-axis and 1,299 ipm on Z-axis, while X-axis ball screw pretension ensures high accuracy. Unit's 12-position, nonlift drum turret allows rapid tool indexing. It also has NC servo-driven tailstock for automated **Point-to-Multipoint Solution offers 45 Mbps max throughput.**  
**Motorola, Inc.**  
Schaumburg, IL 60196 4041  
Dec 28, 2009

Delivering licensed 802.16e interoperability for fixed outdoor applications, PMP 320 offers service providers and enterprises secure wireless connectivity in 3.3-3.8 GHz frequency bands. All-outdoor integrated radios and standards-based servers eliminate need for specialized gateways, routers, or servers. Interoperable with WiMAX 802.16e CPEs, wireless broadband access network solution features 2x2 MIMO and matrix B functionality, 10 MHz channels, and 802.16e coding/error correction.

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