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As the U.S. faces a shortage of talent in the technical fields, we should do what it takes to foster girls' interest in science, technology, engineering, and math careers.
- 11 Readers' Forum**
- 12 Calendar of Events**
- 14 Industry News** Leading metal fabricators in North America gather at *The FABRICATOR's* Leadership Summit: The 5th Annual Metal Matters Conference in Lake Buena Vista, Fla., March 3-5. | The Fabricators & Manufacturers Association is guiding curriculum development at a Chicago-area high school. | Peifer Welding, Ronks, Pa., has gotten into the waterjet cutting business with a new 13.5- by 8.5-ft. table.
- 28 Product Highlights** Plate fabricating machine has a rotating punch press for use in part marking and in punching both legs of angle. | Manual plasma cutting device can cut material 0.875 in. thick. | Machine functions as a tube bender and a press brake. | Laser cutting system has automated nozzle spatter removal and focal point measurement and adjustment capability.

three-station nozzle changer, and focal point measurement and adjustment capability. These features are components of the company's Opti-Pod, which helps to minimize system setup time and extend unattended operation.

Also included are a Servo Focus torch; an autocentering lens and nozzle design; and pierce, plasma, and poor-cut sensing.

The system offers table configurations of 4 by 8 ft., 5 by 10 ft., and 6 by 12 ft. with 2,500 or 4,000 W. It is available with several material handling systems, including load/unload cells and flexible manufacturing options.

**Mazak Optonics Corp.** | 2725 Galvin Court, Elgin, IL 60124 | 847-252-4522 | [www.mazakoptonics.com](http://www.mazakoptonics.com)

## Tube cutting laser system delivers fully automated processing



Han-Kwang USA has announced the availability of its model **TL 6015, a tube cutting laser system** that can handle 24-ft.-long, 6.5-in.-dia. workpieces with wall thicknesses up to 0.25 in. in mild steel and 0.200 in. in stainless steel.

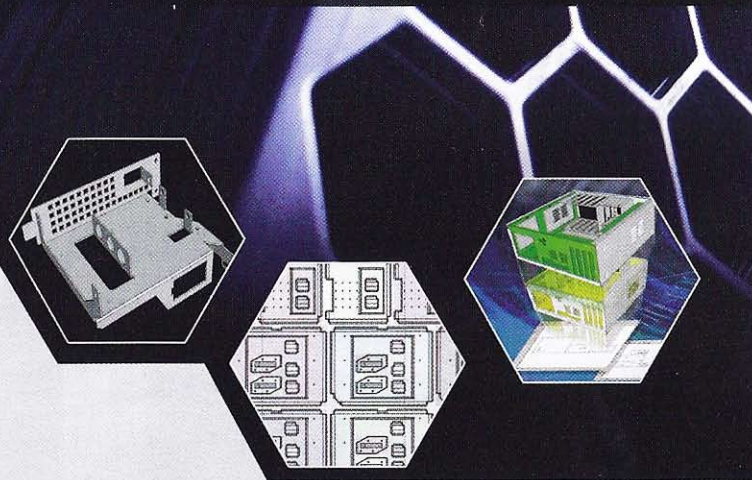
The system is equipped with a 2.5-kW Panasonic laser, a Siemens 840D CNC, and the proprietary Flex 3D tube cutting software. It comprises an automatic bundle loading system with tube V-support, autocentering rotary chucking system, laser cutting station, and automatic parts removal station.

Maximum positioning speed on the laser system is 4,700 IPM for the X axis and 120 RPM for the rotary A axis. Maximum acceleration rate is 1G, while the laser beam is controlled by the company's Auto Focus Control (AFC). This technology allows the machine to adjust the focal length of the cutting lens automatically to accommodate variations in the materials being processed or changes in material feed.

The sensing board in the S5 laser cutting head translates into faster cutting speeds on round, square, and rectangular shapes, according to the company.

**Han-Kwang USA Inc.** | 1120 Garfield St., Lombard, IL 60148 | 630-916-0200 | [www.hankwang.com](http://www.hankwang.com)

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