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Manufacturing News

P R E S S R E L E A S E :

First of a Kind Laser Tube Cutting System Installed in Ohio

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PLAIN CITY, Ohio, Aug. 17 (SEND2PRESS NEWSWIRE) -- Ohio Laser LLC is adding a new 3600 Watt Trumpf TruLaser 7000 laser tube cutting system to its high-tech metal fabrication business. Industry experts consider this laser tube cutting system to be one of the most advanced in the world. It is the first system of its kind in Ohio and the Midwest.

The new laser tube cutting machine can process round, square and rectangle tubes and pipes from .6" up to 10" in diameter and up to 1/2 inch wall thicknesses. The German-built machine can handle tubes up to 30 feet long weighing a maximum of 500 pounds. Ohio Laser's system includes an automated loading system that handles up to 8000 lbs of tubes at a time, allowing it to operate hours at a time without a worker present.



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Other automated features include parts programming for quick set up times when changing jobs. The advanced tube cutting technology features self-centering chucking jaws that do not need to be changed, and rollers that guide the tubes through the machine automatically adjust to their diameter. More significantly, the system's laser focal point automatically adjusts to the material type and thickness of the tubes in the system at any given time. The machine's software also independently adjusts to the focus parameters, eliminating any set-up time.

Some of the key laser tube cutting and pipe cutting benefits include almost unlimited cutting configurations, elimination of stack up tolerances inherent in multiple operations, no tooling charges, reduced lot sizes and processing of a wide variety of metal alloys. The kink or plug in connections which this tube cutting system can generate also reduce weld fixture costs and increase production output.

Manufacturers in many industries can benefit from this leading-edge industrial tube cutting technology by outsourcing their work to Ohio Laser for faster production of frames, racks, supports, trusses, manifolds or any other item made from cut tubes. A few of the most common products produced using this laser tube cutting technology include: playground equipment, weightlifting wall mounts, outdoor sign frames, garment racks, hand railing, ornamental railing, bar fixtures, store fixtures, point of purchase displays, sign stands, folding tables, medical carts, salad bar sneeze guards, food guards, industrial tables, display cases, roll bar cages, recreational vehicles, all terrain vehicles (ATVs) like go karts and four wheelers, conveyer tubes, medical bed frames, adjustable basketball systems, shelving, racking systems, wheel chair frames, bed frames.

The new tube cutting technology combined with Ohio Laser's recent ISO 9001:2008 certification neatly complements the company's current ability to provide laser cutting, tube cutting, pipe cutting and value added fabricating services. This includes engineering with 2D, 3D CAD/CAM drawings, PPAP Level I to Level IV, GMAW welding, FCAW welding and GTAW welding, bending, machining, heat treating and finishing, water jet cutting services, and sanding and grinding.

About Ohio Laser LLC:

Ohio Laser, now in its 12th year of operation, utilizes the most advanced metrology, laser cutting and fabrication technologies available to improve manufacturing processes for companies in many industries. Find out more about Ohio Laser's new tube cutting technology at www.ohiolaser.com .

NEWS SOURCE: Ohio Laser LLC

Send2Press® is the originating wire service for this story.

PRESS RELEASE PERMALINK: <http://www.send2press.com/newswire/2010-08-0817-008.shtml>

For more information about this news release, contact Ohio Laser LLC directly through their Web site found in the above press release, and NOT Send2Press.

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