

For Immediate Release

Contact: Steve Moody
ORCA Photonic Systems, Inc.
14636 NE 95th St.
Redmond, WA 98052

(425) 702-8706
s.moody@orcaphotonics.com

Redmond, WA; February 17, 2006

Orca Photonics Delivers Laser System for High-Speed Repetitive Pattern Cutting In Textiles

Orca Photonic Systems, Inc. has completed delivery of a unique laser cutting system for high-speed laser cutting of repetitive patterns in large roll-fed textiles. This machine, which is the first of Orca's new High Speed Pattern Cutter product line, will allow the customer to increase production speeds, product yield, product quality, and productivity when compared with existing ultrasonic-assisted die cutting technology.

These High Speed Pattern Cutters are based on a novel hybrid architecture that combines the large-area coverage of Orca's X-Y and roll-fed machines with the extreme agility and spatial resolution of galvanometer-based laser etching and marking machines. The result is a system that can cut patterns with sub-millimeter feature sizes, while processing material widths in excess of 6 feet, and nearly unlimited lengths. The basic pattern cutter design can be equipped with multiple galvanometer-laser heads, for even higher throughput.

For Immediate Release

In addition to the novel hybrid architecture, another key to the success of the Pattern Cutter product line is Orca's software tools. Our **Laser Assist™** software product will support this machine with the same familiar user interface and capabilities as all of Orca's laser cutting products. Our new **Laser Composer™** software products allows users to quickly and easily nest and tile simple design components into a large pattern-cutting production job.

Orca Photonic Systems specializes in laser and electro-optical systems for industrial processing applications. In addition to its laser cutting and material processing products, Orca manufactures, integrates, delivers and supports a wide variety of systems used in manufacturing for fiberoptic telecommunications, and in automation of large-scale laboratory processes for biochemical and genetic analysis.

###