Customer Dedication

“We aim to ensure the customer gets the best system and the best software, together with the training and support, to achieve the optimum performance.”

Colin Webb — Chairman

- 17 years micromachining experience through its subcontract service
- An extremely wide range of standard systems
- A unique software package
- A highly experienced team to understand your needs

Cimita Software
Control software is the next most critical factor in successful laser micromachining following system design. Oxford Lasers has created its own software package which is used on all systems.

Common Software Package
Specifically created to give practical intuitive control of the micromachining process, Oxford Lasers Process Library with its pre coded routines captures the company’s experience.

Knowledgable Advice
Oxford Lasers’ application engineers and product specialists work closely with you to assure that the system or instrument you select meets and exceeds your requirements. This can include process demonstration in our Applications Facilities through to development of new bespoke processes.

Dependable Support
Oxford Lasers have been delivering and supporting laser technology for over 30 years in industries including semiconductor, pharmaceutical, nuclear and precision engineering as well as universities and research institutes. Our commitment is to be able to completely satisfy your needs now and well into the future.

Complete Laser Solutions
Laser Micro-machining Systems from Oxford Lasers

www.oxfordlasers.com

OXFORD LASERS INC.
2 Shaler Road, Unit D201
Shirley, MA 01464, USA
Tel: (978) 425-0755
Toll free: (800) 222-3632
Email: oxford.inc@oxfordlasers.com

OXFORD LASERS LTD.
Unit 8, Moorbrook Park
Didcot, Oxford OX11 7HP, UK
Tel: +44(0) 1235 814433
Email: oxford.ltd@oxfordlasers.com
### ALPHA Series
Ultra Compact Micro-machining System

Genuine micromachining system for R&D and small scale production. For smaller size parts.

Size: 830 x 860 x 890 mm

### A Series
Compact Micro-machining System

Versatile R&D and Pilot Production machine in freestanding form.

Size: 1490 x 1200 x 1960 mm

### C Series
Robust full Production System

Shop floor hardened, full scale production machine intended for 24/7 production.

Optional Automated handling.

Size: 2800 x 1560 x 2050 mm

### E Series
Advanced R&D System

Highly capable R&D system designed to support advanced academic and industrial research.

Size: 2800 x 1560 x 2050 mm

### G Series
Versatile Dual Beam Line System

Independent twin beam lines give an extremely versatile package which can tackle a wide range of tasks in production or advanced R&D.

Size: 3100 x 1560 x 2050 mm

### J Series
Ultra fast System

Specifically designed to use the new generation of practical ultra fast laser sources. Both R&D and leading edge production.

Size: 3100 x 1560 x 2050 mm

### COMMON DESIGN PRINCIPLES

- Massive Granite Frame
  - Beam stability
  - Temperature stability
  - Vibration Resistance
- Separate Steel Enclosure
  - Protection from contamination
  - Class 1 Laser safe
- Laser sources
  - IR, visible and UV
  - Different power levels
- Mechanical stages
  - Mechanical and air bearing
  - Worm drive and linear motor
- Beam line accessories
  - Attenuators, trepanning heads
  - Galvo scanners
  - Allows us to tailor the correct system for you

### WIDE RANGE OF OPTIONS

- Mechanical stages
  - Mechanical and air bearing
  - Worm drive and linear motor
- Beam line accessories
  - Attenuators, trepanning heads
  - Galvo scanners
  - Allows us to tailor the correct system for you