CO₂ laser cutting & engraving machines

Our range of non-metal laser cutting and engraving machines are built to Boxford specifications, giving customers easy to use and fully integrated laser cutting capabilities, to produce work of the highest standards.

All machines in our BGL laser range include **Lightburn laser software** and a **Lightburn ready 4K camera** for design positioning, image tracing and monitoring.

**Materials which can be laser processed:**
- Acrylic
- Wood
- Card
- Cork
- Foam
- Glass
- Marble
- MDF
- Paper
- Rubber
- Stone
- Slate
- Laminated plastics
- Anodised aluminium
- and more...

**Boxford CO₂ lasers include as standard:**
- Lightburn laser software (with 12 months of updates)
- Integrated 4K camera for design positioning & tracing
- Pre-configured & fully editable parameter library
- Auto-focus
- Red dot pointer
- Honeycomb and knife material bed
- Full motorised Z axis
- Integrated water cooling system for CO₂ laser source
- Integrated compressor for air assist
- Auto start/stop extraction (when used with optional filtered extraction system)
- 12 months machine warranty
- Unlimited UK after sales and support

See our full range of manufacturing systems for education, design and industry on our website: www.boxford.co.uk or call us on +44 (0)1422 324810
Included accessories:

- Lightburn laser software, compatible with Windows, Mac and Linux OS, allowing easy import of AI, JPEG, BMP, DXF and more
- Integrated 4K camera for positioning and image tracing
- Integrated laser source cooling system (water chiller)
- Integrated compressor for air assist
- Honeycomb AND knife material beds
- Warranty: 12 month warranty on laser systems, parts and labour (excluding consumable items - lenses, mirrors, honeycomb table and extraction filters. 4 months warranty on laser tubes fitted to BGL350 machines, 6 months warranty on BGL460 laser tubes. 10 months warranty on BGL690 and BGL1390 laser tubes).

Optional accessories:

- Automated tilting rotary device for engraving cylindrical objects
- Filtered fume extraction/air filtration system (with auto start/stop)
- Set of replacement filters for extraction/air filtration system
- 50.8 (2.0") and 63.5 (2.5") focal length lenses
- Lens and mirror cleaning kit
- On-site laser training