

LASER ENGRAVING MACHINE

LS100 Ex Yag



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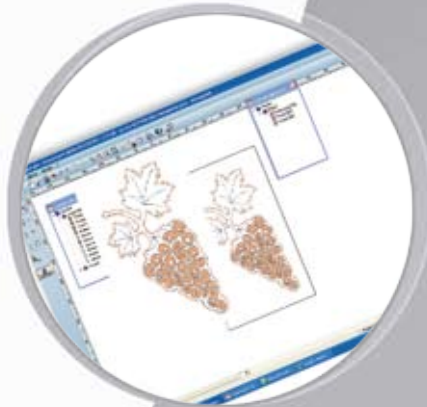
LS100 Ex Yag

A COMPACT YAG LASER SYSTEM WITH EXTENDED CAPABILITIES

Fine, high-speed, high-contrast marking. Ideal for engraving gifts, jewellery, photos, trophies and awards, tankards, industrial parts and identification plates.

Excellent results on steel, stainless steel, titanium, aluminium, carbide, silver, gold, brass, ceramics, ABS, polycarbonate and phenolics, etc.

- This compact 12 W gantry system engraves fine text, logos and photos at speeds of up to 2.5 m/sec. The LS100Ex YAG solution specialises in engraving on a full range of metals - no need to apply special consumables to the surface. Excellent results on ABS and polycarbonate plastics, etc.
- Easy to set-up in a retail outlet, office, workshop or factory. Its generous 610 x 305 mm (24 x 12 in) marking area is ideal for series of small objects, large objects and matrices: productivity guaranteed.
- The machine design maximises user comfort: easy-access, front opening makes loading and adjusting jobs effortless. Its red-pointer beam allows for quick, error-free set-up. The auto-focus feature ensures precise engraving results. An ergonomic LCD control panel and short-cut functions streamline workflow.
- The LS100Ex YAG prioritises user safety: awarded CDRH Safety Class 1 (door closed). Its outstanding beam efficiency minimises fumes in your engraver. Only low power extraction is required to preserve your working environment in perfect condition.
- Optional accessories extend the LS100Ex YAG's capabilities and your business opportunities: cylindrical attachment, vacuum table to secure thin materials in position, plus a full range of lenses for high definition engraving.
- Driven by LaserStyle, Discovery level delivered as standard with the YAG solution. Its intuitive interface makes job creation easier than ever. Marking parameters are saved with each job design for future use. The advanced software functions are designed by engravers, for engravers, to optimise day to day applications.



■ ENGRAVING CAPACITIES

- Engraving area:**
 - 610 x 305 mm / 24 x 12"
- Z clearance (maximum item height):**
 - 145 mm / 5.8"
- Maximum item size:**
 - 760 x 330 mm
- Maximum item weight:**
 - 20 kg
- Speed:**
 - Up to 2.54 m/sec

■ LASER

- Diode pumped
- Average power range: 12 W
- Peak power range > 30 kW
- Security: CDRH Class 1 (door closed)

■ DIMENSIONS & UTILITIES

- Overall machine size:**
 - 1025 x 725 x 450 mm
- Net weight:**
 - 75 kg
- Power supply :**
 - 100 - 240 V AC
- No external cooling system**

■ OPTIONAL ACCESSORIES

- 2, 3 and 4" lenses
- Exhaust systems LE150 HP, ES10 & ES30
- Working tables (Honeycomb, vacuum & floating pin tables)
- Cylindrical & conical attachment (item Ø 3 - 130 mm, length 500 mm)



Do not use to process PVC based material. Never leave the machine operating unattended.



GRAVOGRAPH

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