

THE

LASER USER

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**DEVELOPMENTS IN
LASER PROCESSING:
SAFETY UPDATES
AND NEW TECHNOLOGY**

LASER-ETCHED LABELS FROM ES PRECISION

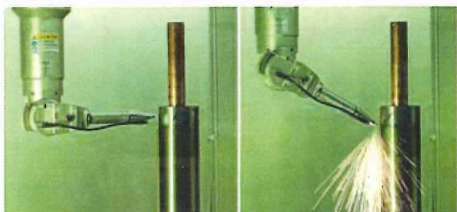
ES Precision supplies sticky labels of any shape which have several characteristics that make them perfect for asset tracking, warranty claim security and production tracking. The label material will already be familiar to many motorists as car manufacturers use such material for tyre pressure and fuel type labels. The combination of ES Precision's industrial lasers and the tesa® tape material delivers the following unique characteristics: labels can be any shape or size, provide evidence of tampering, are temperature and outdoor weathering resistant, and have high resolution and contrast data.



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PRIMA POWER LASERDYNE SOFTWARE UPGRADE

Prima Power Laserdyne System 94P Software version 2.5.1 is designed to reduce part cycle-times, improve efficiency and provide additional capability for laser welding, drilling and cutting processes.



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RAYLASE PRESENTS NEW 2-AXIS DEFLECTION UNIT

With its new SUPERSCAN IV-15 WAFER 2-axis deflection unit, RAYLASE GmbH offers a sophisticated solution for challenging industrial applications. Applications include, in particular, the structuring of wafers in the solar industry.

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BOFA'S NEW FIREBOX IMPROVES SAFETY

BOFA International has unveiled new and improved versions of its FireBOX technology to further reduce the risk of fire in the workplace.

The new patent-pending units, independently tested by Ordnance Testing Solutions Ltd, are designed to meet the requirements of all classes of fire, from those caused by liquid and gases to wood, metal and combustible materials in general.

The applications that BOFA customers rely upon for extraction solutions continue to grow, notably in the laser industry where certain processes present a persistent risk of embers or self-igniting particulate. BOFA's new FireBOX GA (General Application) and FireBOX MA (Metal Application) are purposed-designed to manage and mitigate these risks.



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BOFA HELPS RECOVER PRECIOUS METALS

BOFA International has launched upgraded technology that makes it easier for the jewellery industry to recover precious metals that might otherwise go to waste. The new AD GoldSEAL Cyclone RS incorporates an innovative pre-filtration system - plus filter media that can be incinerated - to help operators recover precious metal particulate emitted through laser production processes. Lasers are increasingly used in the jewellery sector to personalise rings and other precious metal items.



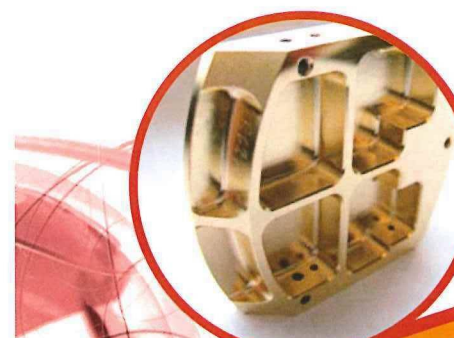
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LBP Optics

Aluminium scan mirrors

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- Easy to machine into complex shapes
- Chemically polished for a unique super smooth surface
- Excellent laser damage resistance
- Won't chip or crack



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