

# Possible applications

synthetic materials surface finishing micro inscription deep inscription deep engraving colour change advertising metals wood foils

# SERIES BL3000

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**Compact**, **robust**, **reliable**, these are the characteristics of the **BL3000** series. A machine with simple and time-proven technology paired with the latest laser technology is available at an extremely attractive price. A large processing space increases the user's flexibility.

All marking jobs can be carried out universally in all areas. All current laser types are available for this machine as well.



# SERIES BL3000

### **HMI Interface**

The control software has deliberately been kept simple to facilitate the introduction of laser technology. Windows 7 as the system software ensures a trouble-free application and makes intuitive, simple programming possible.

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Product specification						
Laser type	UV laser	Green laser	Fibre laser	CO <sub>2</sub> laser		
Wave length	355 nm	532 nm	1064 nm	10,6 µm		
Puls rate	10 - 200 kHz	10 - 200 kHz	20 - 200 kHz	CW		
Power	3 - 8 W	10 - 20 W	10 - 50 W	10 – 50 W		
Inscription area	on request	max .160 x 160 mm	max. 160 x 160 mm	max. 300 x 300 mm		
Control	NC control					
System software	Windows 7					
Measurements	800 x 1.148 x 1.750 mm (L x W x H)					
Network connection	Yes					



#### Lenses

Different versions make it possible to adapt inscription area and quality.



### **Barcode module**

For easy and comfortable creation of codes and subsequent labeling of workpieces.

## Options



#### Indexing attachments

Small and compact for circumferential inscriptions or marking of rotationally symmetrical parts.



Exhaust system Powerful devices for extraction of organic and inorganic particles.



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