

# Gold - Laser



**We think Laser**



**Gold and Silver  
Laser cutting**

## Fiber Laser Cutting machine Gold and Silver

### Specifications of the Laser



*This Laser System is especially designed for Gold and Silver cutting*

All parameters are optimised for this application

- Best cutting edges
- Smallest cut slit to avoid losses of the material
- Smallest possible spotsize to realize also very fine cuts.
- As option a special fume extractor to collect the vaporized gold and gold dust

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### Specifications of the Laser

Type	BATEC GFIB 10/20/50
Power	10W / 20W/ 30W/ 50W
Laser Wavelength	1064nm
Marking Area	110mm*110mm / 145mm*145mm
Optional Marking Area	50mm*50mm / 100mm*100mm / 200mm*200mm / 300mm*300mm / 400mm*400mm
Marking Depth	≤1mm
Cutting thickness	Up to 0.8 mm
Marking Speed	7000mm/s
Minimum Line Width	0.015mm
Minimum Character	0.2mm
Repeated Precision	±0.003mm
Controller (Software--EzCad)	JCZ
Life-span of Fiber Laser Module	100 000-200 000 hours
Beam Quality	M <sup>2</sup> <1.6
Focus Spot Diameter	<0.01mm
Power Stability (8h)	<±1.5%rms
System Operation Environment	Windows XP / Windows 7 / Windows 8
Cooling Mode	Air cooling--Built-in
Working Temperature	15°C~35°C
Voltage	220V / 50HZ / 1-PH or 110V / 60HZ / 1-PH
Power Requirement	<500W
Computer Requested	There will be one PC with the machine
Dimension (L*W*H)	550mm*600mm*600mm

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### Dimension of the Laser



# About Us .....



Dipl. Ing. Burkhard Baier  
CEO

BATEC SERVICES PVT LTD is a Indo-German company, based in Mumbai, the headquarter of business in India.

We are mainly dealing with instruments based on laser technology and also with Lasers and Photonics.



Abhinav Paliwal  
Director Sales

Our customers are from Pharmacy, Cement Industry, Food and Chemical Industry.

Our Products are High Technology from selected principals, mainly from Germany.



Ajay Bhutani  
Director Technology

We can offer :

- Excellent products
- Excellant Service network
- Skilled people with many years of experience in the mentioned technologies.