



ONE STOP SOLUTION FOR YOUR LASER MARKING & CUTTING NEEDS —

GET IN TOUCH —

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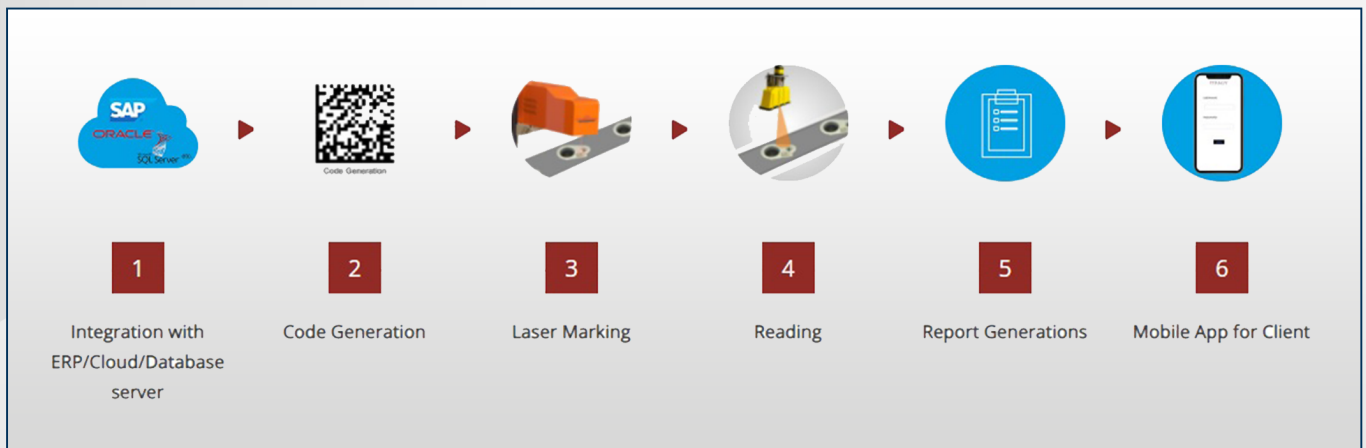
NO.5M- 624/1, 624/2, B.Channasandra Main, OMBR Layout, Bangalore- 560043



WHY CHOOSE US?

REAL-TIME **VISIBILITY** & CONTROL ON **OPERATIONS**

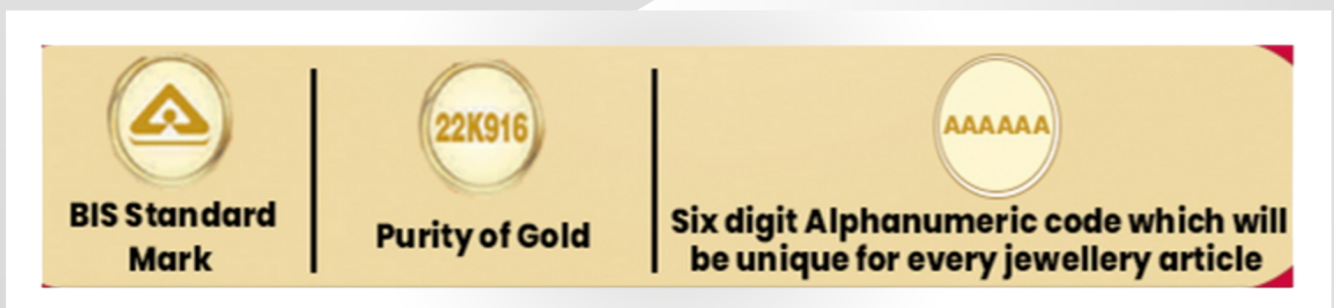
Our Smart advance **i-TRACK** platform facilitates IIOT operations. Connects operators, smart measurement devices, and processes to make smarter decisions faster that automates the process.



HUID – HALLMARK

We have developed a Software for **UID with Database and Recipe** options

Hallmark consists of 3 symbols which give you some information
Before buying any piece of gold jewellery you have to see all these 3 symbols



In this, the first symbol is BIS logo, second symbol indicates purity and fineness and the third symbol is the HUID.

FIBER LASER CUTTING MACHINES

Channel partner with **flexitech**



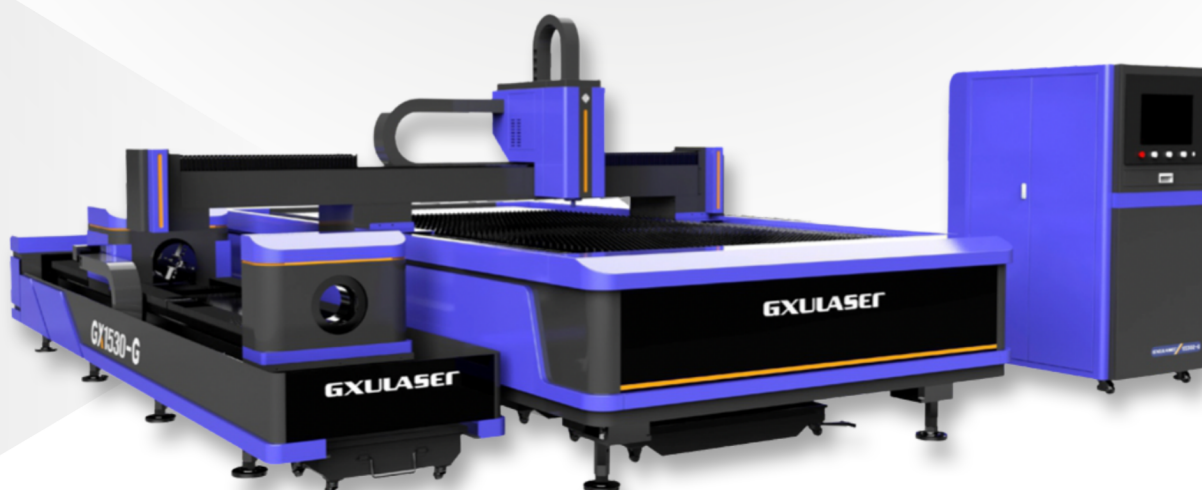
Laser power	1000w-6000w
The laser wavelength	1070nm+10nm
Min. line width	0.1mm
Repeat position accuracy	+0.05mm
Cutting range	1500 x 3000mm
Cutting thickness	6-25mm
Aimed and positioning	Red light
Power supply	380Vj50HZ
Cooling mode	Water cooled
N.W.	> 5000 Kg

Application

► Widely used in sheet metal processing, medical equipment, sports equipment industry, lighting industry, decoration and decoration industry, furniture industry, kitchen and bathroom industry

Machine Features:

- Small metal welding structure machine body: After high temperature annealing, rough processing is carried out, and secondary vibration is processed after treatment; cast aluminum beam: heavy duty steel die pressure casting ensures the strength, precision and service life of the machine body.
- The imported planetary helical gear reducer, high precision gear rack and linear guide ensure stable, high noise and reliable performance in high speed operation.
- With servo drive control, the torque is stronger, the running speed is faster and more stable.
- Automatic follow smoke exhaust system, good smoke extraction effect, saving energy.
- Adopting high quality laser cutting head and laser lens, the focusing spot is smaller, the cutting line is finer, the work efficiency is higher, and the processing quality is better.
- Professional laser cutting CNC control system with intelligent layout function, simpler operation and higher efficiency.
- Fully automatic centering power chuck guarantees the fatness and feeding accuracy when the long pipe is clamped.
- Professional cutting square tube, round tube, rectangular tube, D-shaped tube and hexagonal tube etc., automatic correction function looking for tube center intelligent, convenient and practical. Centralized operation, flexible processing and clamping are quick and easy.
- Simple and integrated design, small footprint, one machine can cut both plates and tubes, and high efficiency processing machines.



LASER MARKING MACHINES

Customer-oriented precision work, economically and ideally configured. Our marking machines adapt with various lasers and powers, regardless of whether in form of manual workstations or special machines. Optimal integration in to the production environment. Axis systems that can be selected based on the requirements, options such as rotary tables of different sizes and various types of rotary units as well as camera systems are our standard: tailor-made customer solutions.



Product benefits:

- ▶ Modular design and flexible machine concepts for customized configuration
- ▶ Selection of different workspaces
- ▶ Integration of various laser systems
- ▶ Wide range of accessories and options
- ▶ Ergonomic machine design

Software for Laser Processing:

- ▶ User-friendly : simple input, precise output
- ▶ Password protection and user/access levels
- ▶ Optional camera systems for more precision
- ▶ Remote access options for more automation
- ▶ Client-specific and application-specific software solutions

Accessories and Options

- ▶ In addition to standard solutions we realize specific, special customized solutions as well, which are perfectly aligned with the respective
- ▶ Utilization-easy, below are our extensive and adaptable range of accessories and options.
- ▶ This turns completed special systems into customized solutions for our clients.

BASIC SPECIFICATIONS OF THE ABOVE MODEL

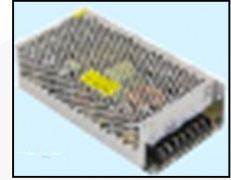
- ✓ 100,000+ HOURS OF EXPECTED FIBERLASER SOURCE LIFETIME.
- ✓ RAYCUS 20W IS USED IN THE ABOVE MODEL IPG YLP 20W CAN ALSO BE USED BASED ON CUSTOMER REQUIREMENT.
- ✓ 1064 NM. SUITABLE FOR METAL MARKING.
- ✓ GALVO – SINO /SCANLAB WITH 170 X 170 MM MARKING AREA
- ✓ SOFTWARE – EZCAD OR SAMLIGHT, WITH INTEGRATED ELECTRONICS
- ✓ MANUAL Z AXIS. XY TABLE CAN BE ADDED AS OPTIONS
- ✓ ULTRA-ISOLATION TRANSFORMER – 1KVA (AN ADD-ON FOR SAFETY)
- ✓ UPS – 750 VA • COMPUTER – CPU WITH WINDOWS 10
- ✓ MONITOR, KEYBOARD AND MOUSE
- ✓ POWER CONSUMPTION IS LESS COMPARED TO TRADITIONAL LASERS
- ✓ COMPACT, RUGGED & AIR COOLED DESIGNS
- ✓ RED POINTER FOR MARKING PREVIEW WHICH COMES INTEGRATED WITH LASER AND NOT ON ADD-ON OPTION
- ✓ HIGH SPEED, VERSATILE & USER FRIENDLY
- ✓ ZERO CONSUMABLES & NEGLIGIBLE MAINTENANCE ENSURES LOW COST OF OWNERSHIP

OPTIONS

- ✓ AXES FOR LINEAR AND ROTARY MOVEMENTS
- ✓ ROTARY TABLES AND CROSS TABLES
- ✓ HEIGHT-ADJUSTABLE WORK PIECE SUPPORTS
- ✓ LASER SAFETY WINDOWS FOR MONITORING OF THE MATERIALS PROCESSING.
- ✓ PILOT LASER
- ✓ CAMERA SYSTEMS
- ✓ INPUTS/OUTPUTS
- ✓ EXTERNAL ORDER/JOB SELECTION
- ✓ PROFIBUS INTERFACE
- ✓ PROFINET INTERFACE
- ✓ TCP/IP INTERFACE
- ✓ CLIENT-SPECIFIC SOFTWARE SOLUTIONS
- ✓ MARKING DURING MOTION (MARKING ON THE FLY)
- ✓ SUCTION SYSTEMS
- ✓ LASER SAFETY GOOGLES

POWER SUPPLY

- ▶ 500W Quad. Output for laser Equipment
(3 in 1 Power Supplies for laser Marking System)
- ▶ AC input range selected by switch
- ▶ Forced air cooling by built-in fan
- ▶ 4 outputs common grounded
- ▶ Protections : overload/over voltage/
▶ Over temperature/short circuit



Voltage	Current
24 V	15 A
+15 V	5 A
-15 V	5 A
5 V	5 A

Voltage	Current
+15 V	5 A
-15 V	5 A

SCANNER CONTROL CARD

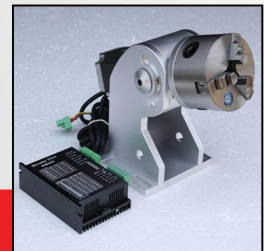


EZCAD



USC-1

- ▶ The Analog Extension Board AEB-2, designed to drive scanner controllers with analog positioning signals.
- ▶ With MarkingOnTheFly it is possible to mark on moving targets
- ▶ Connecting a second scan head to the card with option Head2
- ▶ The Flash option allows cards to be used in stand-alone mode.



ROTARY TABLE FOR ROTARY MARKING

LASER HEADS



- ▶ IPG
- ▶ Raycus
- ▶ Max Photonics

SCANNER HEADS

- ▶ Sino
- ▶ Scanlab



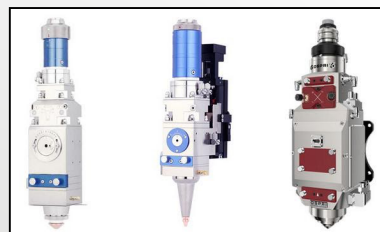
NOZZLES, LENSES & CUTTING HEADS



BM109 SERIES



BM111 SERIES



CAMERA



PORTABLE SCANNERS



INTEGRATED READERS



VISION MANAGER

OUR CUSTOMERS

