# ➢ Multi-station Rotating 3D laser marking machine RNG-ITFB10/20-5

## ▶▶▶Applicable materials

- All kinds of metals special for aluminium alloy. Metal-coated materials, electroplates, industrial plastic(PVC/PC/PU), rubbers, ceramic etc..

## ▶▶▶Features

- RNG-ITFB10/20-5 Fiber Laser Marking Machine adopts imported fiber laser generator  to enable stable output and high quality laser mode. Furthermore, low running cost ( power consumption 600W ) , long-term working and free for maintenance.
- Multi-station rotating platform keep machine continues working, saving manpower. There is no inaccuracy on laser marking after millions rotating test.
- Laser beam quality is much better than the traditional laser marking machine. laser beam for  focus diameter is less than 20um; working without any cost of printing ink or other materials.
- The marking software supports files such as Coreldraw, AutoCAD, Photoshop and PLT,PCX,DXF,BMP; SHX or TTF can be directly adopted; the functions such as autocoding for sequence No., batch number, date, barcode and so on.

## ▶▶▶Machine display





Multi-station rotating platform



Adjustable Multifunction laser jet



Easy operation computer system

## ▶▶▶ Sample display

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| | |
|---|---|
| Wavelength | 1065±10nm |
| Average laser power | 10W/20W |
| Laser repetition frequency | 20KHz -100KHz |
| Marking size | 110mm×110mm/ 175mm×175mm |
| Marking Speed | 7000mm/s |
| Marking Depth | ≤0.5mm |
| Minimum line width | 0.01mm |
| Minimum character height | 0.15mm |
| Gross power | ≤0.6KW |
| Power Supply | AC220V±10% 50Hz |
| Temperature | 10°c to 35°c |
| Humidity | 5% to 75%( free of condensed water) |
| Dimension | 1000×650×1400mm |