



B.N.C.TOOLING Co.,Ltd.

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DESKTOP FIBER LASER MARKING MACHINE FOR METAL AND NONMETAL



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Model: LXF-20/30/50/60/70/100/120W

APPLICATION

1).Materials:

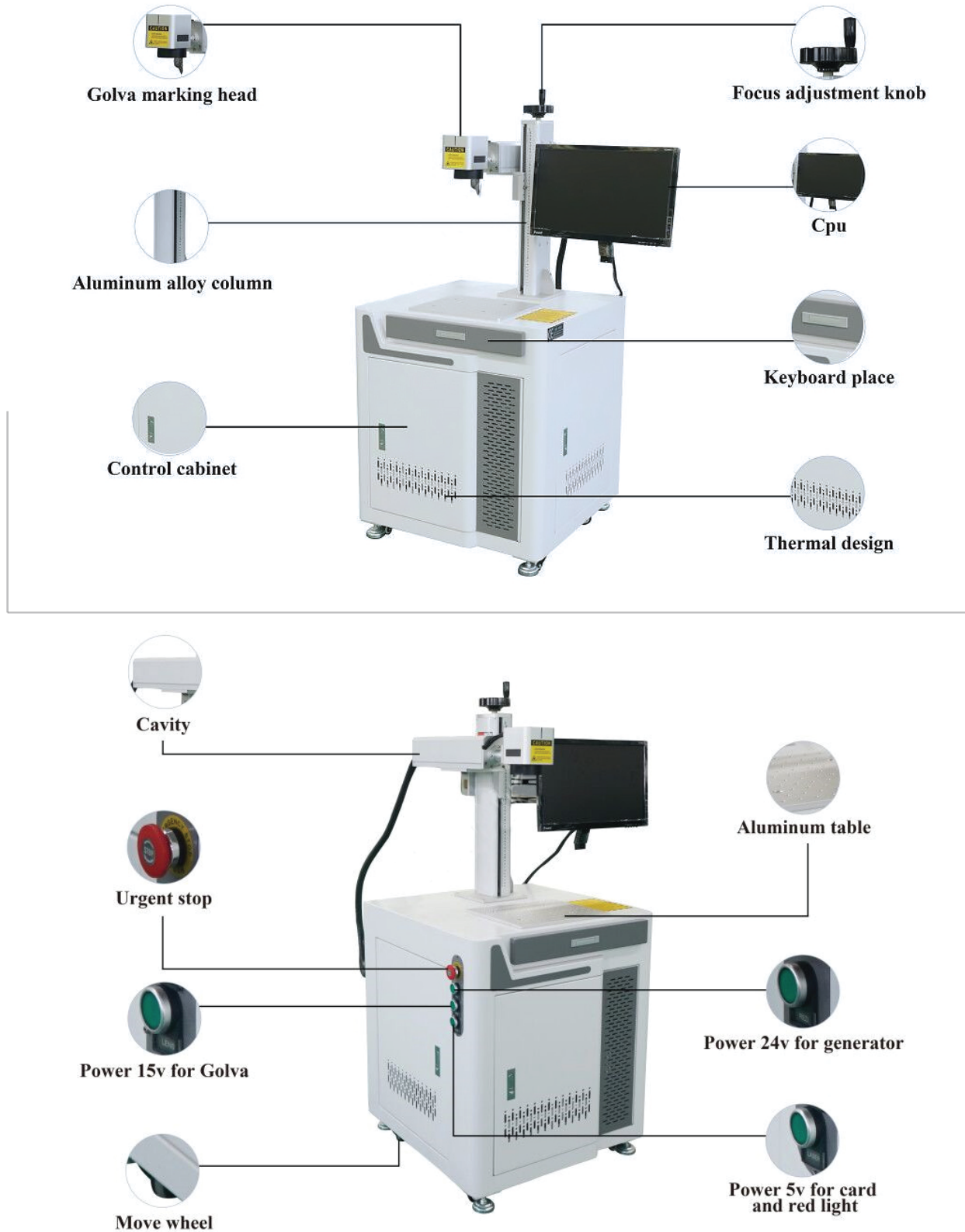
Metals (Gold, silver, copper, alloy, aluminum, steel, stainless steel, name card)
Non-metal (Plastic: engineering plastic and hard plastic, etc. Used in electronic components integrated circuits, mobile communications, precision instruments, glasses watch and clocks, computer keyboard, accessories, auto parts, plastic buttons, plumbing fittings, sanitary ware, PVC pipe, medical equipment, packaging bottles, etc.)

2).Industry:

Jewellery, Keyboards of cell phone, Auto parts, Electronic components, Electronic appliance, Communication apparatus, sanitary wares, buckles, kitchenware, Sanitary equipment's, Hardware tools, Knife, Glasses, Clock, Cooker, Stainless steel products etc.



MACHINE DISPLAY





CHARACTURE



- Long lifetime, over 100,000 hours.
- Compact laser source with air cooling.
- 2 to 5 times more productive a traditional laser marker or laser engraver.
- Super quality galvanometer scanning system.
- High accuracy and repeatability for correct marks each time with galvanometer scanners and electronic controls.
- More stable performance.
- Professional control board and marking software. The software controlling system has the interface of windows and comprises files output by software such as Coreldraw, AutoCAD, Photoshop etc. It can support various file formats such as PLT,DXF,PCX,BMP etc.
- Output power is stable, optical mode is good, beam quality is excellent.
- Marking speed is fast, efficient, and high accuracy.
- Appearance is professional, operation is easy

TECHNICAL PARAMETER

Item / Model	LXF-20/ 30/ 50/ 60/ 70/ 100/ 120W
Laser source	Domestic Raycus(Germany IPG/China CAS/MAX/JPT Mopa color marking for optional)
Laser power	20w, 30w, 50w,60w ,70w,100,120w
Laser type	Fiber laser
Graphic Format Supported	DXF,PLT,BMP.JPG, PNG, TIPPCX,TGA,ICO,
Marking speed	≤8000mm/S
Max.Marking Depth	≤0.4mm
Laser Wavelength	1064nm
Marking lines	0.06-0.1mm
Minimum line width	0.06mm
Minimum character	0.15mm
Resolution ratio	0.01mm
Graphic format supported	BMP, PLT, DST, DXF, AI
Software supported	TAJIMA, CorelDraw, Photoshop, AutoCAD
Equipment Dimensions	760*680*770mm(different model has different size,detailed can be confirmed with sellers)
Net Weight: Unit Power	70/80kg(different configuration has small difference) ≤500W
Optional Spare Parts	Rotary/Protection glasses/outside red light/night light and other optional customized parts and so on.



SAMPLE FIGURE



► Metal marking sample



Kitchen ware



Business card



Medical apparatus



Bearing



PCB



Tool



Dog tag



Pendant



Phone case



Watch

► Non-Metal marking sample



Animal ear tag



Switch



Lamp



Porcelain



Glass

► Color Stainless steel Marking sample



► Rotary marking sample



► 3D marking sample





CUSTOMIZED OPTIONAL



We can produce the best optional customized parts for your special work if you could tell us your detailed work in inquiry.



Promotion glasses



SINO Galve self
double red light



2 axis table



Air cleaner



Ring rotary



E69 rotary



Roller rotary



Laser ranging
automatic focus



Fixture equipment



Pen equipment



Rotating disk



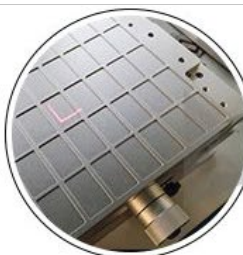
Cross sliding equipment



Pen transmission



Belt conveyor



Data Plate



Bulb equipment