

PRODUCT INTRODUCTION



HGLASER

Wuhan HuaGong Laser Engineering Co.,Ltd.

Authoritative Supplier of Industrial Laser Solutions



LASER MARKING MACHINE

-  Fiber Laser Marking Machine
-  Fiber Online Laser Marking Machine
-  Diode / Green / UV Laser Marking Machine
-  Diode / Green /UV Online Laser Marking Machine
-  CO2 Laser Marking Machine /CO2 Online Laser Marking Macine
-  Automobile Label Laser Marking Machine



LASER MARKING MACHINE





➤ Marking software

Marking software is Windows interface, all the Chinese/English-language operating system compatible with Photoshop, CORELDRAW, AutoCAD and other CAD software; can be achieved in both Chinese and English words, time, dates, barcodes, serial numbers and other markings, and the output in both Chinese and English, graphics, all types of barcodes, two-dimensional codes.

Powerful: Marking software is using Visual Basic, users can take advantage of 32 technical, and marking software is running in Windows XP, 7. Marking speed nearly twice faster than traditional methods; friendly interface: Marking software allows the user setting interface personalized, software can adapt to the individual requirement of user.



FIBER LASER MARKING MACHINE



HGLASER



FIBER LASER MARKING MACHINE



- Model: LSF 10/20/30/50
- Max.linear speed: $\leq 7000\text{mm/s}$
- Marking area:
110*110mm(standard)/70*70mm/145*145mm/175*175mm(optional)
- Min.focus laser diameter: 0.2mm
- Marking depth: 0.4mm
- Min.linear width: 0.01mm
- Power supply: AC220 50Hz/60Hz(optional)
- CE Certification



FIBER LASER MARKING MACHINE

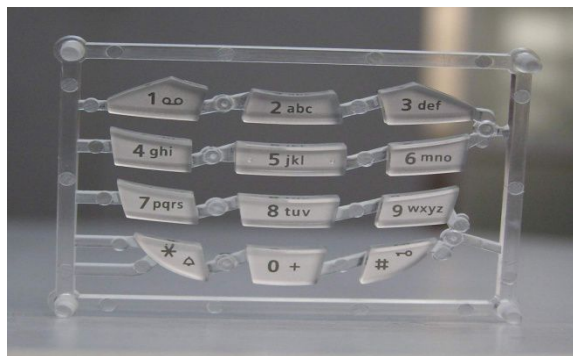
	Parts	Description
Standard configuration	Laser	IPG / Raycus
	Control box	Laser power
	Cooling system	Air cooling
	Scanner	Scanlab German brand high speed
	Focus mirror	Marking scope 110mm×110mm square(standard)
	Marking software and computer	Processor 1.6G Memory≥1G、Hardware≥80GB 17"LCD、communication connector USB×2 7 (English version);
	Z axis system	Range 285mm
Non- standard configuration	Focusing lens	F=160mm range 120mm×120mm F=220mm range 145mm×145mm F=254mm range 175mm×175mm
	Rotary device	Step motor with clamp range 20mm-Φ40mm (Optional)



FIBER LASER MARKING MACHINE



Samples





DIODE PUMPED LASER MARKING MACHINE

DIODE END-PUMPED LASER MARKING MACHINE



-  Model: LSD 10EI/ LSD 15EI / Huaray
-  Max.linear speed: $\leq 7000\text{mm/s}$
-  Marking area:
110*110mm(standard)/70*70mm/145*145mm/175*
175mm(optional)
-  Wave length: 1064nm
-  Frequency: 1-100KHz
-  Cooling : Water cooling
-  Min.linear width: 0.01mm
-  Power supply: AC220 50Hz/60Hz(optional)



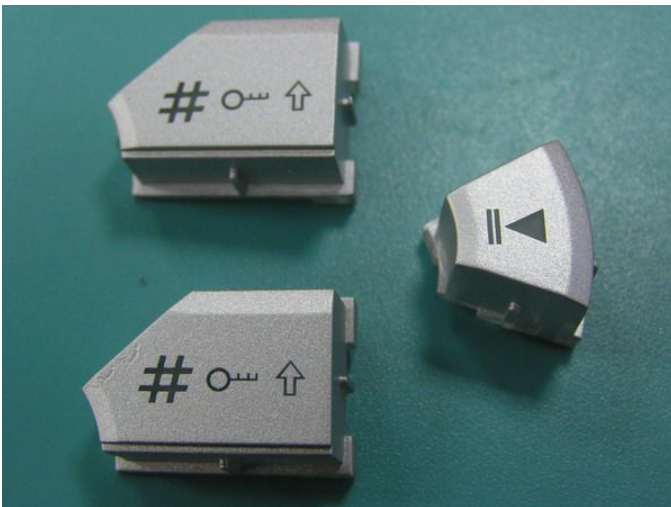
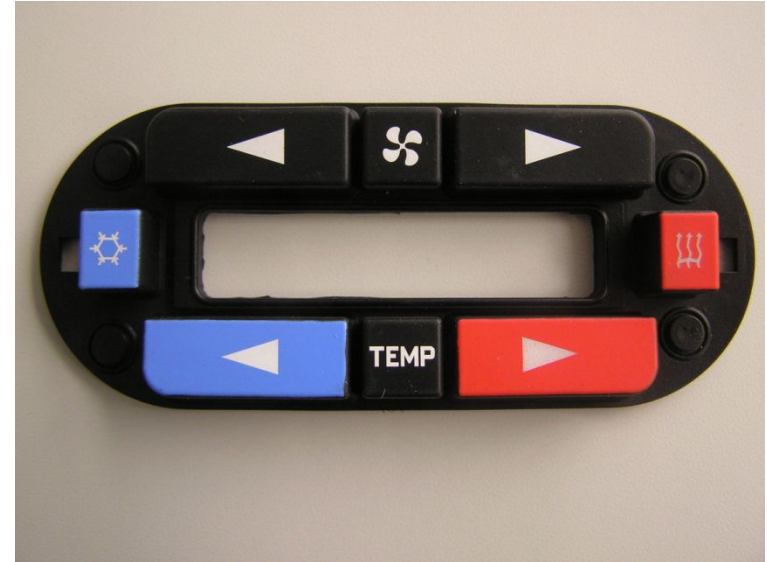
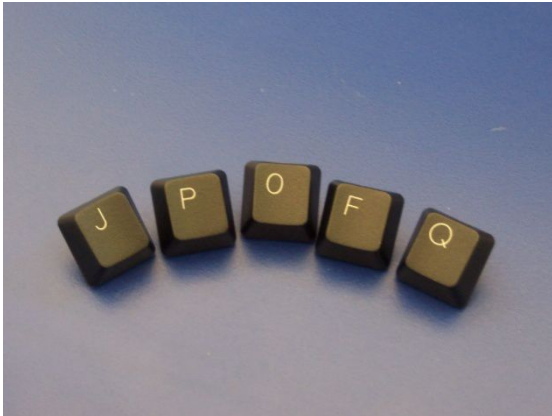
LASER MARKING MACHINE



HGLASER



DIODE END-PUMPED LASER MARKING MACHINE





DIODE END-PUMPED LASER GREEN MARKING MACHINE



- Model: LSG 7EI /15EI/Huaray
- Max.linear speed: $\leq 7000\text{mm/s}$
- Marking area:
110*110mm(standard)/70*70mm/145*145mm/175*
175mm(optional)
- Wave length: 532nm
- Frequency: 1-100KHz
- Cooling : Water cooling
- Min.linear width: 0.01mm
- Power supply: AC220 50Hz/60Hz(optional)



DIODE PUMPED LASER MARKING MACHINE



DIODE END-PUMPED GREEN LASER MARKING MACHINE





DIODE PUMPED LASER MARKING MACHINE



UV LASER MARKING MACHINE



- Model: LSU 3EI/5EI /Huaray
- Max.linear speed: $\leq 7000\text{mm/s}$
- Marking area:
110*110mm(standard)/70*70mm/145*145mm/175*175mm(optional)
- Wave length: 355nm
- Frequency: 1-100KHz
- Cooling : Water cooling
- Min.linear width: $\leq 0.01\text{mm}$
- Power supply: AC220 50Hz/60Hz(optional)



DIODE PUMPED LASER MARKING MACHINE



HGLASER



UV LASER MARKING SAMPLES





ONLINE FIBER LASER MARKING MACHINE



-  Model: FLYING 10F / FLYING 20F / Coherent
-  Marking depth: 0.01-0.2mm
-  Marking area:
110*110mm(standard)/70*70mm/145*145mm/175*
175mm(optional)
-  Wave length: 1064nm
-  Min.linear width: 0.01mm
-  Min.character height : 0.2mm
-  Power supply: AC220 50Hz/60Hz(optional)

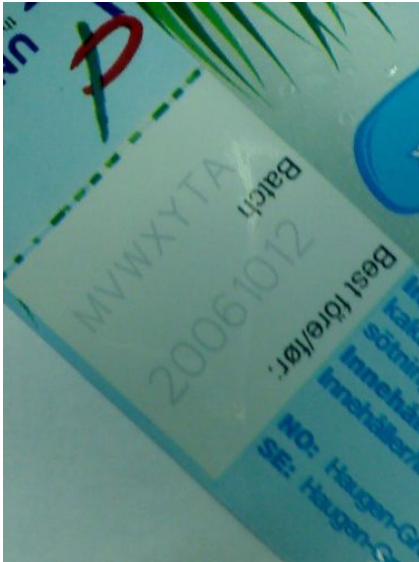


LASER MARKING MACHINE



HGLASER

ONLINE Fiber LASER MARKING MACHINE





ONLINE CO₂ LASER MARKING MACHINE



-  Model: FLYING 10C / FLYING 20C/FLYING 30C/ FLYING 55C / Coherent
-  Marking depth: 0.01-0.2mm
-  Marking area:
110*110mm(standard)/70*70mm/145*145mm/175*
175mm(optional)
-  Wave length: 1064nm
-  Min.linear width: 0.1mm
-  Min.character height : 0.4mm
-  Power supply: AC220 50Hz/60Hz(optional)

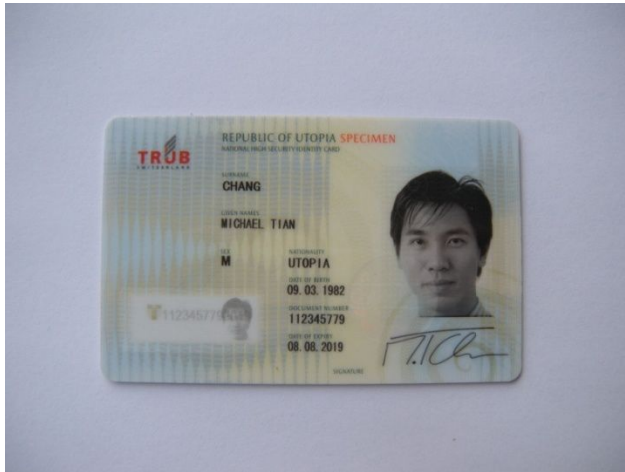


ONLINE LASER MARKING SERIES



HGLASER

ONLINE CO2 LASER MARKING MACHINE





LOW POWER CO₂ LASER MARKING MACHINE



- Model: LSC 10 /20/30/55 / Coherent
- Laser source: US imported CO laser source
- Marking area:
110*110mm(standard)/70*70mm/145*145mm/175*175mm(optional)
- Wave length: 10.64um
- Min.linear width: 0.1mm
- Min.character height : 0.2mm
- Power supply: AC220 50Hz/60Hz(optional)



CO2 LASER MARKING SERIES



HGLASER



Samples





LABEL LASER MARKING SERIES

FLEXIBLE LABEL LASER MARKING MACHINE



-  Model: LSF 10L/LSF 20L
-  Laser beam quality: M2:1.4 – 1.8
-  Main body size: 1600*800*1660mm
-  Marking area: 110*110mm
-  Wave length: 1064nm
-  Min.online width: 0.01mm
-  Min.character height : 0.2mm
-  Air pressure: 0.4-0.6MPa
-  Cooling system: Air cooling
-  Power supply: AC220 50Hz/60Hz(optional)



Key Configuration

Item	Unit	Specifications	Manufacturer
1	Laser Source	20W Fiber laser source (Air cooling)	Raycus/IPG
2	Scanner	Max. speed	SCANLAB, Germany
3	F-θ Lens	F= 160 ,F= 220 ,F= 254	Imported
4	Controller	PLC Controller	Siemens, German
5	D/A Control Card	16bit, PCI interface	HGLaser, Wuhan
6	PC	Industry PC 17"LCD	HGLaser
7	Special software	Customize for customer, automatic read TXT file	HGLaser
8	Paper feeding	Automatic	HGLaser
9	Industry dust cleaner	Exhaust equipment	APT Beijing



LABEL LASER MARKING SERIES



Samples





HGLASER

Wuhan HuaGong Laser Engineering Co.,Ltd.

CONTACT: Jenny Yin

E-mail: jenny@hglaser.com

Tel: +86 27 87180263

Website: www.hglaser.com

Authoritative Supplier of Industrial Laser Solutions