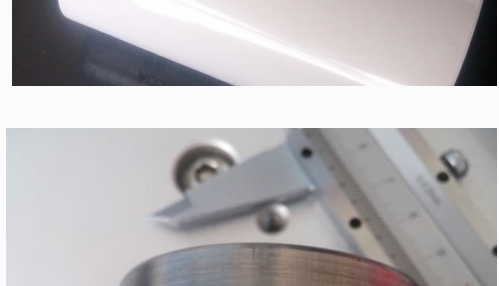


## UV Laser Marking Machine (HS-UV02 /HS-UV03)

### Laser power range

2W (HS-UV02)  
3W (HS-UV03)

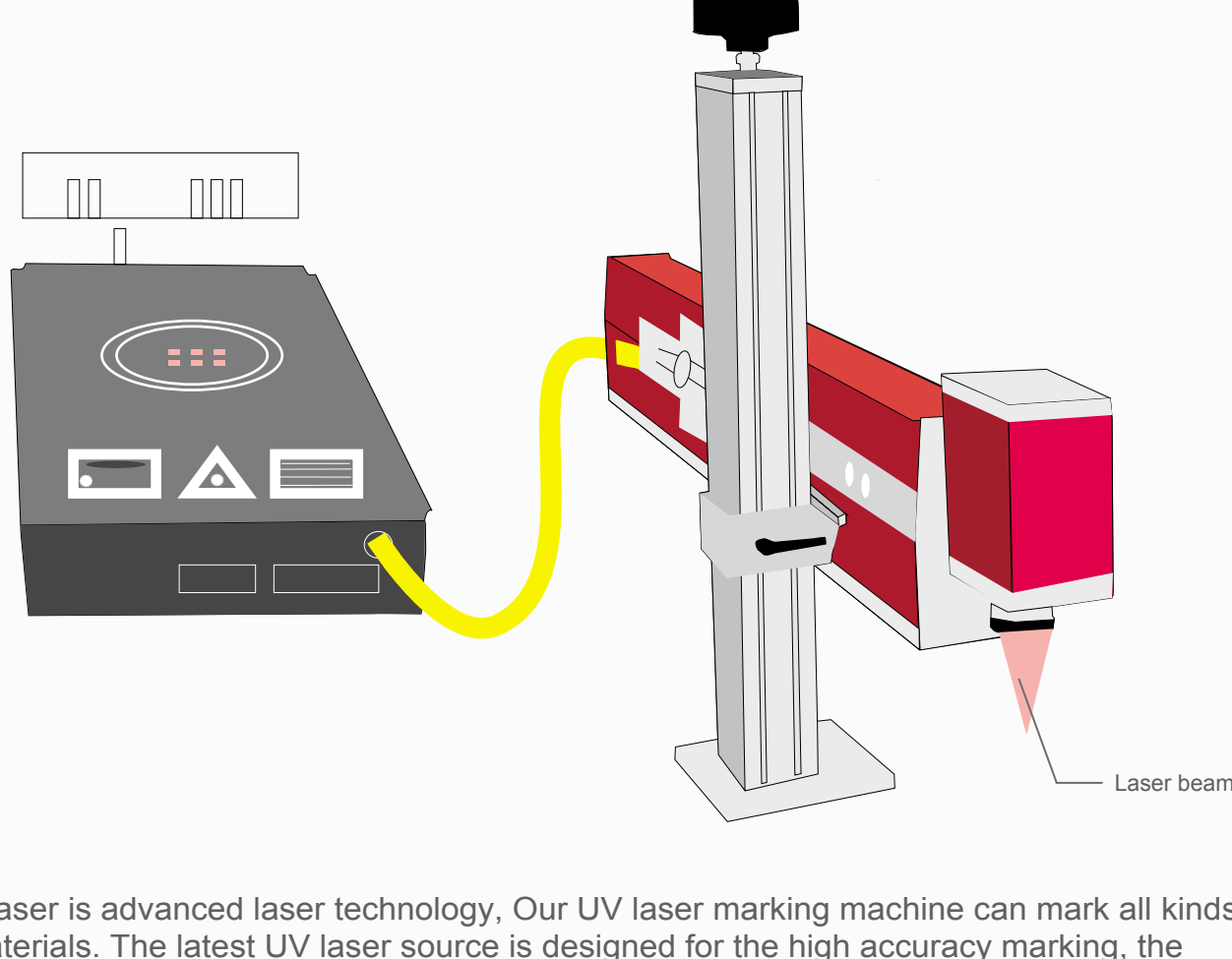


- UV Laser Marking Machine can be applied to almost all of the materials, include plastics(PE,PP,PVC,PS,ABS, etc.), Metal, Paper, etc.
- UV laser average output power is 2W, while the peak power can be up to 12kW. Could achieve fixed point and position marking as well as flow line marking
- The laser adopt the modular design, easy to install and operate.

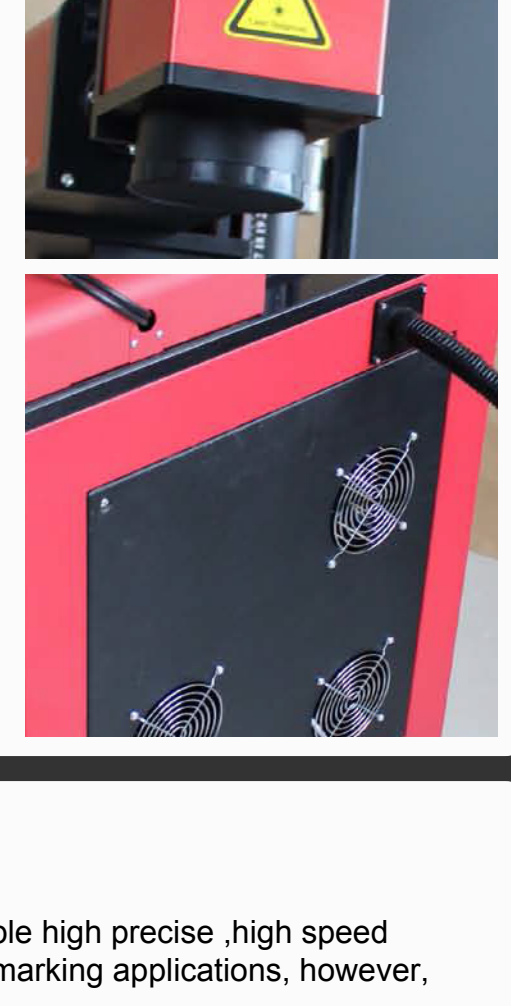
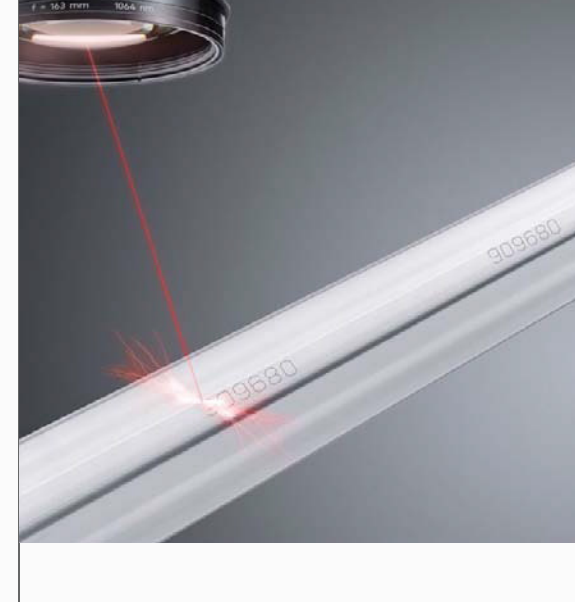
### Optional design:



## Fiber Laser Technology



UV Laser is advanced laser technology, Our UV laser marking machine can mark all kinds of materials. The latest UV laser source is designed for the high accuracy marking, the marking result just like the print performance. The UV laser source is not only extend the laser machine service life, also make degree of power instability reduce to less than 3%. Short pulse width, high peak power make the laser could achieve flow line marking standard



### Features & Benefits

The UV Laser Marking System 2W and 3W options is high accuracy laser machine, perfectly suitable high precise, high speed permanent mark and code on all kinds of materials. The 2W UV Laser machine can suitable most marking applications, however, the 3W UV laser marking machine can be better if you're looking for deep and clear coding.

- Performance.**
  - Highly versatile and offers high-precision marking
  - Marks all surfaces with a min. line width of 0.01mm
  - Bar Code/2d Code marking possible
  - High speed marking of up to 7000mm/s
  - Supports high-definition logo and image marking
- Ease-of-Use**
  - Easy to move and operate
  - Maintenance free
- Reliability**
  - No fear of shock during operation
  - Superior quality laser module (working life 50000 – 100000 hours)
  - Ability to work 24/7 continuously
- Security**
  - Efficient water cooling system
  - The high-speed flow pump offers working stability
  - Standard CE certification eliminates all risk for users

Marking area: 100 x 100 mm / 3.9 x 3.9 inches  
Option: 200 x 200 mm / 7.9 x 7.9 inches  
Option: 300 x 300 mm / 11.8 x 11.8 inches



Laser source 20W(HS-FL20)  
30W(HS-FL30)

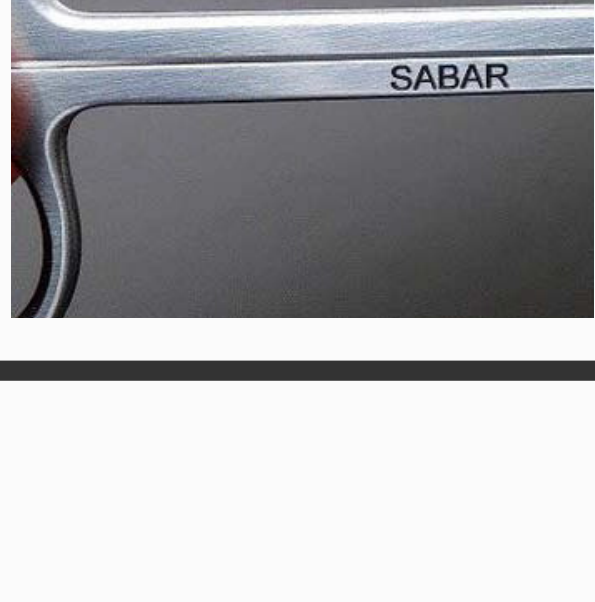
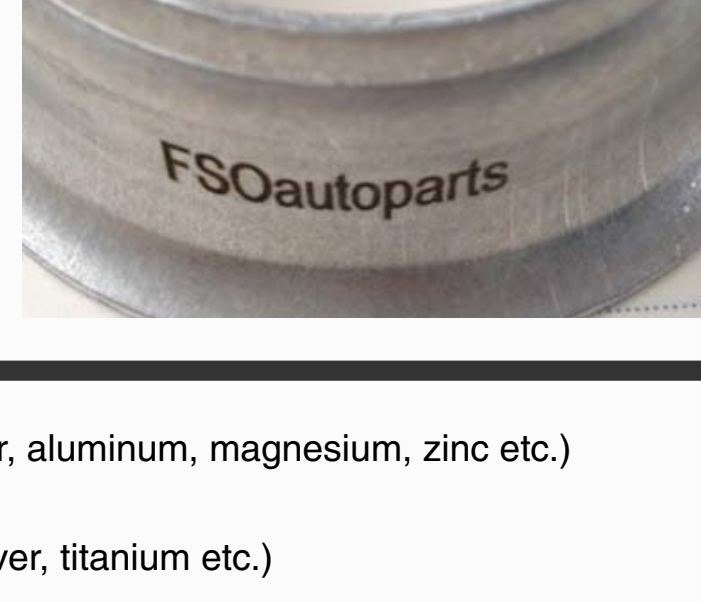
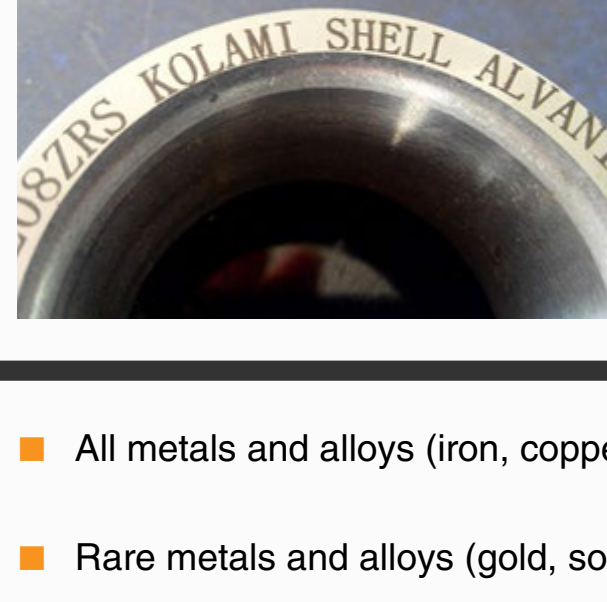


Model	HS-UV02	HS-UV03
Laser type	UV laser	
Power Output	2W	3W
Standard Marking Area	100mm x 100mm	
Marking Speed	≤9000mm/s	
Wave Length	355±10nm	
Peak Power	> 12kW	
Degree of power instability	<3%	
Repetition Frequency	15kHz~20kHz	
Pulse width	6ns	
Mode	Near TEM00	
Spot Diameter	5mm	
Cooling System	Air cooling	
Temperature	10-35°C	
Cooling mode	Air cooling	
System / compatible file formats	Windows XP or 7 32bit/PLT, DXF, DST, BMP, JPG, JPEG, PNA, TIF etc	

## Applications & Materials

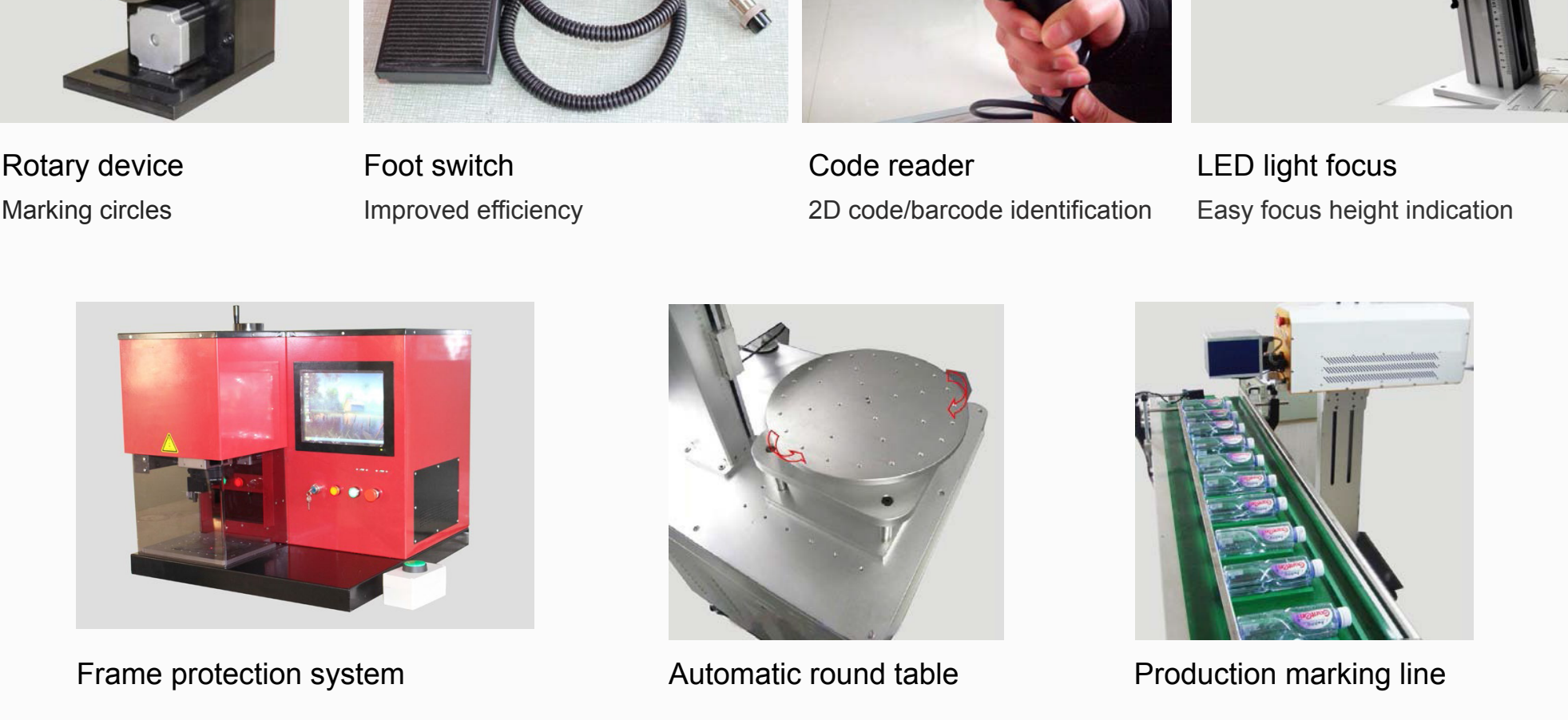
The UV Laser Marking Machine can mark all kinds of materials. List below are some of materials:

Materials	Mark	Materials	Mark
Alloy	√	Hardware	√
Copper	√	Mobile Phones	√
Aluminium	√	Eye Glass Frames	√
Zinc	√	Clocks And Watches	√
Rare Metals	√	Plastic Buttons	√
Electronic Components	√	Building Material	√
Integrated Circuits(IC)	√	Chemical And Food Packaging	√
Electrical Appliances	√	Medical Instruments	√
Pvc Pipe	√	Metallic Oxide	√
Plate Surface	√	Alarm	√
Commodity	√	Printed Material	√
Brass	√	Auto Spare Parts	√
Precision Equipment	√	ABS	√
Tool Accessories	√	Motor Accessories	√



- All metals and alloys (iron, copper, aluminum, magnesium, zinc etc.)
- Rare metals and alloys (gold, silver, titanium etc.)
- All types of metal oxides
- Specially treated surfaces (anodized aluminum, phosphating, electroplating etc.)
- Material coated surfaces

## Options & Accessories



Rotary device: Marking circles; Foot switch: Improved efficiency; Code reader: 2D code/barcode identification; LED light focus: Easy focus height indication; Frame protection system; Automatic round table; Production marking line