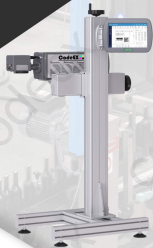


# Co2-Hi Laser Marking Machine

HIGH-SPEED LASER MARKING SCHEME



**CodeEX**

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## SPECIFICATIONS

	XC30	XC40	XC60
<b>Basic parameters</b>			
Laser power:	338 W	347 W	370 W
Laser type:	Sealed-off modulated-pulse CO <sub>2</sub> RadioFrequency laser		
Wavelength:	10600 nm, (Optional 10200nm or 9300nm)		
Cooling method:	Air Cooling		
<b>Marking characteristics</b>			
Production line speed:	Maximum speed up to 600m/min (depending on the material)		
Marking lines:	Unlimited within the marking range		
Character height:	0.3mm to the maximum marking range		
Marking type:	Text, 9ms, contour, random code, logo, barcode, QR code, image		
Font type:	TTF standard font library		
Support graphics format:	BMP/DXF/HPGL/JPG/PLT		
Marking range:	110x110mm*		
Focal length:	150mm		
Working distance:	155mm		
Operating system:	Linux		
Support language:	English, German, Chinese, etc., customizable local language		
Screen:	10 inch touch screen		
Marking software:	<b>Clefine</b> laser marking software		
Processing method:	Synchronous speed, simulation speed, static marking		
Scan head:	<b>Sino Glavo</b> scanning head, can be positioned in various directions, including axial		
Focusing method:	Manual adjustment of double red dot focus		
Machine material:	Sandblasted and oxidized all-aluminum structure		
<b>Weight and dimensions</b>			
Machine weight:	XC30/XC40 laser machine part: 13kg, XC60: 23kg, flight stand part: 30kg		
Size:	650*550*1420mm		
Fiber optic wire :	All-in-one design, no extra cables		
<b>Input / Output</b>			
Product speed monitoring:	Synchronizer or synchronization signal		
Product detection input:	NPN / PNP / 12V sensor		
Transfer port:	RS232, USB, Network Port		
Power requirements :	Single phase, 100-110V / 220-240V, 50 / 60Hz, 700W		
<b>Environmental requirements</b>			
Ambient temperature:	5°C-40°C		
Ambient humidity:	< 90%RH, Non-condensing		
<b>Optional *</b>			
Marking range:	140, 175, 210, 300, 450, 500 (Ratio: 1:1, Unit: mm)		
Smoke purify machine:	Air volume: 250m <sup>3</sup> /h, Purification efficiency: 0.3 μm99.99%		

\*All the above data will depend on the material and marked content

## APPLICATION

The flying CO<sub>2</sub> laser marking machine can synchronize the production line speed for precise marking. Applications include: grass, films, plastics, paper, wood, fabrics, and applications in food, beverage, electronics, automotive, medicine, and more.



PET bottle



Aluminized bags



Carton



Glass bottle

## SIZE AND WEIGHT

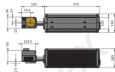


Overall dimensions: 650\*550\*1420mm  
Product Net Quantity: 43KG

Number of single pieces: 2 pieces  
Packing box material: Export wooden box  
Laser packing box size: 810\*380\*320mm, 20KG  
Bracket packing box size: 1400\*300\*280mm, 40KG

## Detail size ( Unit: mm )

### Laser head and Scan head



### Marking software window



### Two-dimensional adjustment bracket

