MATERIALS

Materials	Engrave	Cut	Materials	Engrave	Cut
Wood	√	√	Cork	√	√
Acrylic	√	√	Corian	√	√
Delrin	√	√	Twill	√	√
Cloth	√	√	Anodized Aluminum	√	X
Leather	√	√	Painted Metals	√	X
Mat Board	√	√	Tile	√	X
Melamine	√	√	Glass	√	X
Paper	√	√	Coated Metals	√	X
Mylar	√	√	Ceramics	√	X
Pressboard	√	√	Marble	√	X
Rubber	√	√	Stainless Steel	*	X
Wood Veneer	√	√	Brass	*	X
Fiberglass	√	√	Titanium	*	X
Plastic	√	√	Bare Metal	*	X

Thunderlaser New product in 2020, the Odin series is combined with small size, compact, high quality engraving and cutting at a low cost. With 3G acceleration and 80 IPS engraving speed provide a super fast engraving in the industry. And the RF tube allows fantastic beam signature and air cool, you don't have to worry about freezing. The gantry payload is minimal and is super smooth.

Contact us

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THUNDER LASER

LASER ENGRAVER
Odin Series

Increase by 100%

If you need a premium machine but have limited space, then you need an Odin 22! The number one choice for engravers worldwide.

Faster This motor works with low noise and high speed.

100% The most important thing is that this motor allows speed to increase by 100 percent.

Long lifespan with RF laser source

100% Assure to prolong the tube service time by 100 percent

Accurate RF tube provides more refined laser dot.

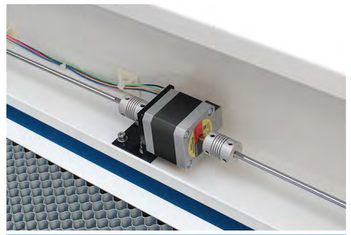
100% Enable 100 percent increase for cutting/ engraving effect.

STANDARD SPECS

	Odin 22	Odin 32
Working area	559X381mm (22' x 15')	813X508mm (32' x 20')
Maximum Material Thickness	190mm (7.5")	190mm (7.5")
Laser Power	30wattts	50wattts
Cooling	Air cooled	Air/Water cooled
Laser Source	Radio Frequency Metal Laser Source	
Motion Control System	High-speed 5-phrase stepper motor, up to 2000mm/s speed	
Resolution(DPI)	User controlled from 100 to 1000 dpi	
Operating System	Windows, Mac, and Linux (Mac and Linux with LightBurn Software)	
Intelligent Memory	Multiple files storage up to 128MB	
Electrical Requirements	110 to 240 volts, 50 to 60 Hz, single phase	
Machine Size	1030x860x1090mm (40"x34"x43")	Available by the 4th Quarter 2020

NEW FEATURES

The Odin 22 laser machines features with Japanese ORIENTAL open-loop motor systems on X and Y axis, with 560x380mm (22'x15') working area with 30watt RF Metal laser source. That is why the operation of the laser is faster and more precise.



High Speed Motor

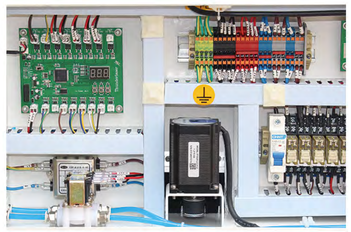
Japanese ORIENTAL open-loop motor systems on X and Y axis. With 80 IPS and 3G acceleration engraving speed.

RF Laser Tube

Output with excellent beam quality and stable laser power. Service life of over 20,000 hours.

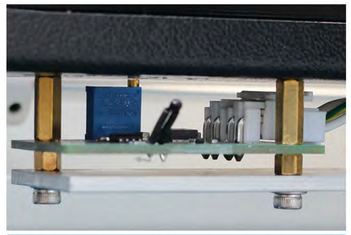
Dual Air-Assist System

Flow switch is installed in system to realize automatic transfer for Cutting and Engraving Air adjustable.



Canonical Circuit

We building a simple and effective circuit enhance the reliability of the system, also the elements are grounded.



Heat Alarm Detector

If that becomes dangerously high while the machine is occupied, the chip reacts by sounding the horn.

Drawer-type Bin

Provide a convenient and practical method for the flowing pattern of the machine solid waste collection.

PROFITABILITY BY DESIGN

The Odin series of laser engravers will inspire you with their speed, security and accurate. For sign makers, graphic artists, schools and universities, creative or industrial users, our world-class solutions provide a true competitive advantage.

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Products that include a personal dedication are gaining in popularity. An engraver's field of application is very diverse. Companies and end customers can increase their business by expanding their product range.