

Everyone is a Creator

## **Company Profile**

Two Trees is a technology company specializing in CNC Router Machines, Laser Engravers and Consumer 3D Printers. From the self-developed TTC450 CNC Router Machine and the TS2 Laser Engraver to the SK1 3D Printer, the company continues to introduce innovative products that provide users with efficient creative tools and solutions. With a state-of-the-art R&D center and manufacturing facility in China, more than 200 employees worldwide, the company is committed to meeting the global demand for high-quality creative experiences. We hope to bring safer and smarter technology and DIY tools, so that everyone can recognize their own creativity, grow freely, and Two Trees will make a forest.



80+ Patent Certificates, 40+ Trademarks, And 10+ Copyrights.



200+ Industry Professionals High-tech Enterprise



10000m, Modern Factory, Efficient Production Line.



Production And Export Volumes Have Increased By Nearly 175%.

TTS-20Ultra Laser Engraver TS5 Laser Engraver



2025

2024

TS1 Mini Laser Engraver TTS-20 Max Laser Engraver TS2-40W Laser Engraver TS2-20W Laser Engraver TS2-40 Max Laser Engraver



TTS-25 Pro Laser Engraver TTS-55 Pro Laser Engraver TTS-10 Pro Laser Engraver TTS-20 Pro Laser Engraver



2023

2022

TS3 Laser Engraver
TS2-20W Laser Engraver



TTS-55 Laser Engraver
TTS-10W Laser Engraver
TS2-10W Laser Engraver



2021



## **TwoTrees TTS-20 Ultra**



#### Features:

- 1. Sealed Design For Greater Safety
- 2. Multi-material Compatibility
- 3. Antioxidant for Profiles
- 4. Quick and Precise Positioning
- 5. Excellent Cutting Performance

### **Specifications:**

Overall Power:	96W	Engraving Area:	400X300mm
Input Voltage:	100-240V~50-60Hz	Machine Dimensions:	620X546.5X280mm
Laser Power:	20W	Spot Size:	60X100μm
Output Voltage:	24V	Laser Wavelength:	455+10nm
Engraving Speed:	10000mm/Min	Engraving Materials:	Wood, Plastic, Paper, Leather, Stainless Steel
Engraving Accuracy:	100±0.05mm	Main Body Material:	Sheet Metal + Aluminum + Acrylic
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Upgrade Features: Enclosed Design, Filtering Glare, Eye ProtectionUpgrade Kits: Optional Smoke Exhaust Kit



## **TwoTrees TS5**



#### Features:

- 1. Enclosed Design
- 2. Eye-Safe Filtered Window
- 3. Reversible/Roller Chuck
- 4. 95% Pre-Assembled
- 5. Magnetic Snap-On Panels

Overall Power:	60W	Engraving Area:	249X123X123mm
Input Voltage:	100-240V~50/60Hz	Machine Dimensions:	480X200X298mm
Laser Power:	7W	Spot Size:	0.035X0.1mm
Output Voltage:	24V	Machine Weight:	9.13kg
Packaging Dimensions:	553X280X387mm	Gross Weight:	10.55kg
Engraving Speed:	2000mm/Min	Engraving Materials:	Mugs,Wine Glasses, Stainless Steel, Rings
Engraving Accuracy:	100±0.1mm	Main Body Material:	Sheet Metal + Aluminum + Acrylic
Upgrade Fe	atures: Specializing in	cylinder engraving	personalized mugs



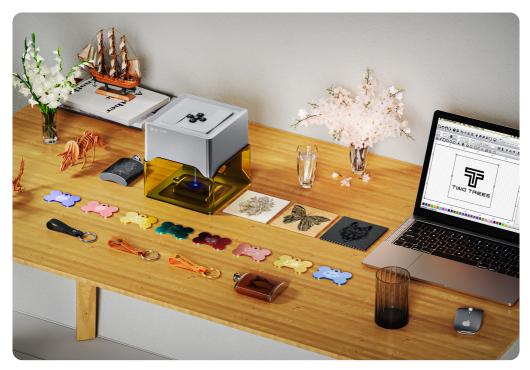
## **TwoTrees TS1**



#### Features:

- 1. Compact Size
- 2. Manual Focus
- 3. More Accurate And Efficient
- 4. Easy Engraving in 5 Seconds
- 5. Protective Glasses Ensure Safety

Overall Power:	17.5W	Engraving Area:	80X80mm
Input Voltage:	100-240V~50-60Hz	Machine Dimensions:	157X157X167mm
Laser Power:	1.6W	Spot Size:	0.2X0.6mm
Output Voltage:	DC12V/2A	Machine Weight:	1025.7g
Packaging Dimensions:	203X210X196mm	Gross Weight:	1229.7g
Engraving Speed:	3000mm/Min	Engraving Materials:	Wood, Plastic, Paper, Leather, Stainless Steel
Engraving Accuracy:	100±0.05mm	Main Body Material:	Injection Molded Parts + Aluminum
	Software: Lightbu	ırn、lasergrbl、MKS	Laser



### **TwoTrees TS2-40 Max**



#### Features:

- 1. Up to 40W Laser Module
- 2. Built-in Intelligent Safety Features
- 3. Strong Support and Stability
- 4. More Powerful Cutting Material Capability
- 5. Eye Protection

## Specifications:

Overall Power:	178W	Engraving Area:	450mmX900mm
Input Voltage:	100-240V~50-60Hz	Machine Dimensions	.735mmX1230mmX190mm
Laser Power:	40W	Spot Size:	110X120μm
Output Voltage:	24V/9A	Machine Weight:	7.6kg
Packaging Dimensions:	1255X321X220mm	Gross Weight:	11.0kg
Engraving Speed:	6000mm/Min	Engraving Materials:	Wood, Plastic, Paper, Leather, Stainless Steel
Engraving Accuracy:	100±0.05mm	Main Body Material:	Sheet Metal + Aluminum + Acrylic

Upgrade Features: 20w/40w Switching at Wills



### **TwoTrees TS2-20 Max**



#### Features:

- 1. Fast Engraving Speed
- 2. Sliding Block For Precise Focusing
- 3. Excellent Cutting Performance
- 4. Intelligent Security Settings
- 5. Support Offline Engraving

Overall Power:	96W	Engraving Area:	450mmX900mm
Input Voltage:	100-240V~50-60Hz	Machine Dimensions:	735mmX1230mmX190mm
Laser Power:	20W	Spot Size:	1000X130 um
Output Voltage:	DC24V/4A	Machine Weight:	7.2kg
Packaging Dimensions:	1255X321X220mm	Gross Weight:	10.4kg
Engraving Speed:	6000mm/Min	Engraving Materials:	Wood, Plastic, Paper, Leather, Stainless Steel
Engraving Accuracy:	100±0.05mm	Main Body Material:	Sheet Metal + Aluminum + Acrylic
Upgrade Features: COS Optical Design Laser Module			Laser Module



## **TwoTrees TS2-40W**



#### Features:

- 1. Neat layout
- 2. Powerful 40W laser
- 3. Quick and Precise Positioning
- 4. Shields for Eye Protection
- 5. Easy Remote Control

Overall Power:	178W	Engraving Area	450mmX410mm
Input Voltage:	100-240V~50-60Hz	Machine Dimensions:	735mmX720mmX190mm
Laser Power:	40W	Spot Size:	110X120μm
Output Voltage:	24V/9A	Machine Weight:	7.1kg
Packaging Dimensions:	740X221X317mm	Gross Weight:	9.7kg
Engraving Speed:	6000mm/Min	Engraving Materials:	Wood, Plastic, Paper, Leather, Stainless Steel
Engraving Accuracy:	100±0.05mm	Main Body Material:	Sheet Metal + Aluminum + Acrylic
Upgrade Features: 20w/40w Switching at Wills			ng at Wills



## **TwoTrees TS2-20W**



#### Features:

- 1. Neat layout
- 2. Safer to Use
- 3. Ultra-Powerful Cutting
- 4. Fast Auto Focus
- 5. Support Offline Engraving

Overall Power:	96W	Engraving Area	410mmX410mm
Input Voltage:	100-240V~50-60Hz	Machine Dimensions:	735mmX720mmX190mm
Laser Power:	20W	Spot Size:	100X130μm
Output Voltage:	DC24V/4A	Machine Weight:	8.2kg
Packaging Dimensions:	760X230X350mm	Gross Weight	: 11kg
Engraving Speed:	10000mm/Min	Engraving Materials:	Wood, Plastic, Paper, Leather, Stainless Steel
Engraving Accuracy:	100±0.05mm	Main Body Material:	Sheet Metal + Aluminum + Acrylic
Upgrade Features: Auto-focus			us



## **TwoTrees TTS-20 Max**



#### Features:

- 1. Up to 10000mm/Min
- 2. Excellent Cutting Performance
- 3.80% Pre-Assembled
- 4. Larger Engraving Area
- 5. Support Offline Engraving

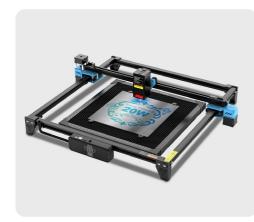
## Specifications:

	Overall Power:	96W	Engraving Area:	600X600mm
	Input Voltage:	100-240V~50-60Hz	Machine Dimensions:	787X766X124mm
	Laser Power:	20W	Spot Size:	100X130um
	Output Voltage:	DC24V/4A	Machine Weight:	3.6kg
	Packaging Dimensions:	830X155X175mm	Gross Weight:	5.6kg
	Engraving Speed:	10000mm/Min	Engraving Materials:	Wood, Plastic, Paper, Leather, Stainless Steel
	Engraving Accuracy:	100±0.05mm	Main Body Material:	Aluminum + Injection Molded Parts
Motherboard Model: MKS LS ESP32 PRO VI.1		RO VI.1		

Size increase upgrade



## **TwoTrees TTS-20 Pro**



#### Features:

- 1. Upgrade 20W Laser
- 2. 80% Pre-Assembled
- 3. Compressed Spot Technology
- 4. Support Offline Engraving

Overall Power:	96W	Engraving Area:	418X418mm
Input Voltage:	100-240V~50-60Hz	Machine Dimensions	. 695X620X125mm
Laser Power:	20W	Spot Size:	Rectangle 100X130μm
Output Voltage:	DC24V/4A	Machine Weight:	6.2kg
Packaging Dimensions:	740X643X160mm	Gross Weight:	10.8kg
Engraving Speed:	10000mm/Min	Engraving Materials:	Wood, Plastic, Paper, Leather, Stainless Steel
Engraving Accuracy:	100±0.05mm	Main Body Material:	Aluminum + Injection Molded Parts
Motherboard Model: MKS LS ESP32 PRO VI.1			



## **TwoTrees TTS-10 Pro**



#### Features:

- 1. High Precision Engraving
- 2. Easy to Use
- 3. Top-Notch Safety
- 4. Independent APP Connect
- 5. Eye Protection

Overall Power:	55W	Engraving Area:	300X300mm
Input Voltage:	100AC-240AC 50/60Hz	Machine Dimensions:	570X510X150mm
Laser Power:	10W	Spot Size:	0.069X0.157mm
Output Voltage:	DC24V/4A	Machine Weight:	3.6kg
Packaging Dimensions	510X180X180mm	Gross Weight:	4.3kg
Engraving Speed:	30000mm/Min	Engraving Materials:	Wood, Plastic, Paper, Leather, Stainless Steel
Engraving Accuracy:	100±0.05mm	Main Body Material:	Aluminum
Motherboard Model: MKS LS ESP32 PRO VI.1		RO VI.1	



## **TwoTrees TTS-55 Pro**



#### Features:

- 1. Support Offline Engraving
- 2. Compression Spot Technology
- 3. Independent APP Connect
- 4. 32-bit Motherboard
- 5. Eye Protection

Overall Power:	41W	Engraving Area:	300X300mm
Input Voltage:	100AC-240AC 50/60Hz	Machine Dimensions:	570X510X150mm
Laser Power:	5.5W	Spot Size:	0.08X0.08mm
Output Voltage:	DC12V/4A	Machine Weight:	3.2kg
Packaging Dimensions	:510X180X180mm	Gross Weight:	3.89kg
Engraving Speed:	30000mm/Min	Engraving Materials:	Wood, Plastic, Paper, Leather, Stainless Steel
Engraving Accuracy:	100±0.05mm	Main Body Material:	Aluminum + Injection Molded Parts
Motherboard Model: MKS LS ESP32 PRO VI.1		PRO VI.1	



## **Upgradeable Kits**



#### **TwoTrees Air Assist Kit**

#### Features:

- 1. For TwoTrees TS3,TTS,TTS Pro Series
- 2. Improved Cutting Efficiency
- 3. Easy to Use

## **TwoTrees TS2 Engraver Enclosure**

#### Features:

- 1. Eyes Protection
- 2. Smoke Vent Design
- 3. Water Resistant
- 4. Fireproof Material





## TwoTrees Aluminum Laser Cutting Honeycomb Workbench

- 1. Desk Protection
- 2. Increase Efficiency
- 3. Accelerated Smoke Evacuation
- 4. Humanized Design
- 5. Steady and Firm

## TwoTrees T20 1064nm Infrared Laser Module for TTS Series

#### Features:

- 1. Ultra-strong Optical Power
- 2. 1064nm Wavelength
- 3. Auto Focus
- 4. For TTS or Other
- 5. Higher Speed Engraving





## TwoTrees T20 1064nm Infrared Laser Module for TS2 Series

#### Features:

- 1. Ultra-strong Optical Power
- 2. 1064nm Wavelength
- 3. Auto Focus
- 4. For TS2 or Other
- 5. Higher Speed Engraving

## TwoTrees 20W Laser Module Air Assist Laser for TS2 Laser Engraving

#### Features:

- 1. For TS2 or Other
- 2. Eye Protection
- 3. Air Assist
- 4. Auto Focus
- 5. Cut 0.08mm Steel





### TwoTrees Engraving Machine Laser Module Laser 24V 10W With Protective Cover

- 1. Variety of Engraving Materials
- 2. Precise Positioning
- 3. Cover Protection
- 4. Long Service Life
- 5. Warm-up Time <1 Minute



## TwoTrees TR2 PRO Rotary Attachment MIN 1 DIA Engraving For Laser Engraver

#### Features:

- 1.90% Pre-Assembled
- 2. More Application Scenarios
- 3. Multifunctional Y-axis Rotary
- 4. Roller Rotary
- 5. Up to 0.45° Precise Control

## TwoTrees-TR3 Laser Rotary Roller

#### Features:

- 1. Easy to Deal With Various Cylinders
- 2. Easy Connection
- 3. Compatible With 95% of Engraving Machines
- 4. 100% Pre-Installed
- 5. 360°Rotary Roller





## TwoTrees Y-axis Rotary Attachment for Laser

- 1. Adjustable Width (5 levels)
- 2. Small Size
- 3. Rotate and Cylindrical Engraving
- 4. Embellished With VI Bottom Cover
- 5. Elaborate Design

## **Available Consumables**



## TwoTrees 75 Pieces Engraver Material Pack

#### Features:

- 1. 11 Kinds of Laser Materials
- 2. For Wood Carving
- 3. For Metal Carving
- 4. Meeting Multiple Needs











## TwoTrees 6Pcs Rubberwood Spliced Plywood Engraver

- 1. Double-Sided Rubber Wood Splicing
- 2. More Suitable For Laser Engraving
- 3. Environmentally Friendly Materials
- 4. Wide Range of Applications
- 5. Smooth Surface





# TwoTrees Creative Engraving And Cutting Clock Material

#### Features:

- 1. Carve Out Creativity
- 2. Easy to Operate
- 3. For Home Decoration





TwoTrees 6Pcs Rubberwood Spliced Plywood 12" x 12'Unfinished Wood for Laser Engraving

- 1. Different Colors
- 2. Easy to Shape
- 3. Safe Materials
- 4. Durable
- 5. Neat Edges Without Burrs



# **Artwork Display**





























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