G·WEIKE LASER

gweike cloud

Desktop Laser System

Gweikecloud is the latest smart laser cutting engraving machine,Specifically tailored for home,school and personal studio.It keeps getting better with optional 3D camera features, live real-time autofocus, LCD touchscreen functions

Application: Gweikecloud smart laser cutting machine can print leather, wood, acrylic, paper, fabric, cardboard, metal, glass, ceramics, stones, laptops, and even chocolates. This means it can be printed on demand from personalized leather pet collars, coffee machines, business signs, and even children's surgery simulation tools

G·WEIKE LASER ®

Art Deco Floor Lamp

Materials: Acrylic, Plywood, Veneer
Print Time: 480 min

Customized Logo Laptop

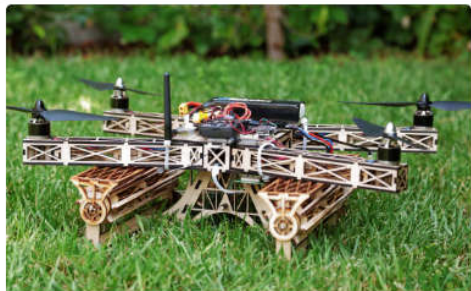Materials: Macbook
Print Time: 20 min

Traditional Messenger Shoulder Bag

Materials: Leather
Print time: 133 min

Barista Pourover Coffee Stand

Materials: Acrylic, Plywood
Print Time: 20 min

Drone with Rubber Band Gatling Guns

Materials: Plywood
Print Time: 153 min

Personalized Pastries

Materials: Fresh Macarons
Print Time: 20 sec

Settlers of Catan™ Game Board

Materials: Hardwood
Print Time: 132 min

Magical Wand Stand

Materials: Walnut
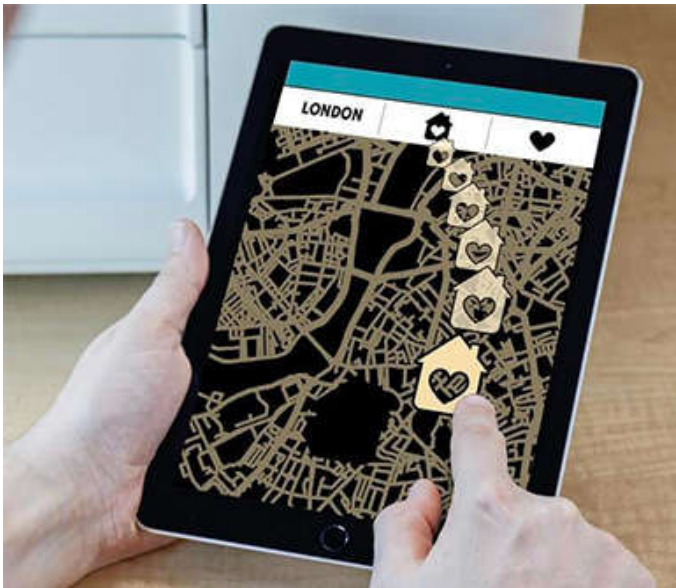Print Time: 45 min

Technical Parameters

G·WEIKE LASER®

Model	gweikecloud
Laser tube type and power	CO_2 laser 40W
Working area	500 × 300 mm
Z-axis height	25mm
Locating system	SMC
Visual working area	Visual locating
Maximum cutting depth	490 × 290 mm
Autofocus	Material Recognition Autofocus, Material Set-up Autofocus, Visual Autofocus
Connection	Wi-Fi, USB, Ethernet
Design software	Photoshop, Illustrator, CorelDRAW, AutoCAD, AutoDraw, Solidworks, and etc.
File formats	JPG, PNG, BMP, TIF, DXF, SVG, CR2, and etc.
Operating systems	Windows, macOS
Material capability	Paper, corrugated paper, wood, acrylic, cloth, leather, base plate, ABS-based color board, PET, rubber, glass fiber, plastic, corian and other dozens of materials
Dimensions	958 × 528 × 268 mm

Just 3 steps to finish your arts

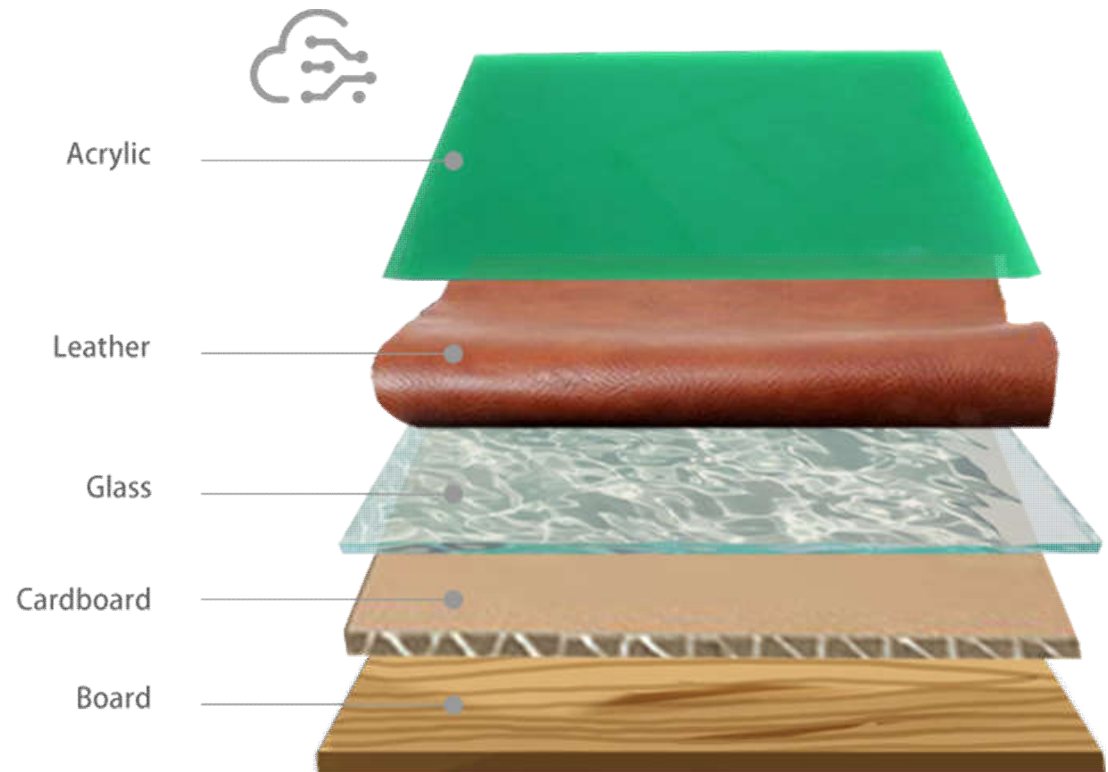Download what you want to do from the gweikecloud feed system

Intelligent equipment remote control equipment, one-click operation, machine works

Finish your arts

Intelligent identification materials

Application of AI technology, built-in smart image recognition algorithm, automatic realize parameter setting, Gweikecloud can directly obtain the thickness and type of material by identifying the ring code on the material. The focal length, speed, power, cutting times and other parameters of the optimal cutting or engraving matched with the current material are automatically set.

Acrylic

Leather
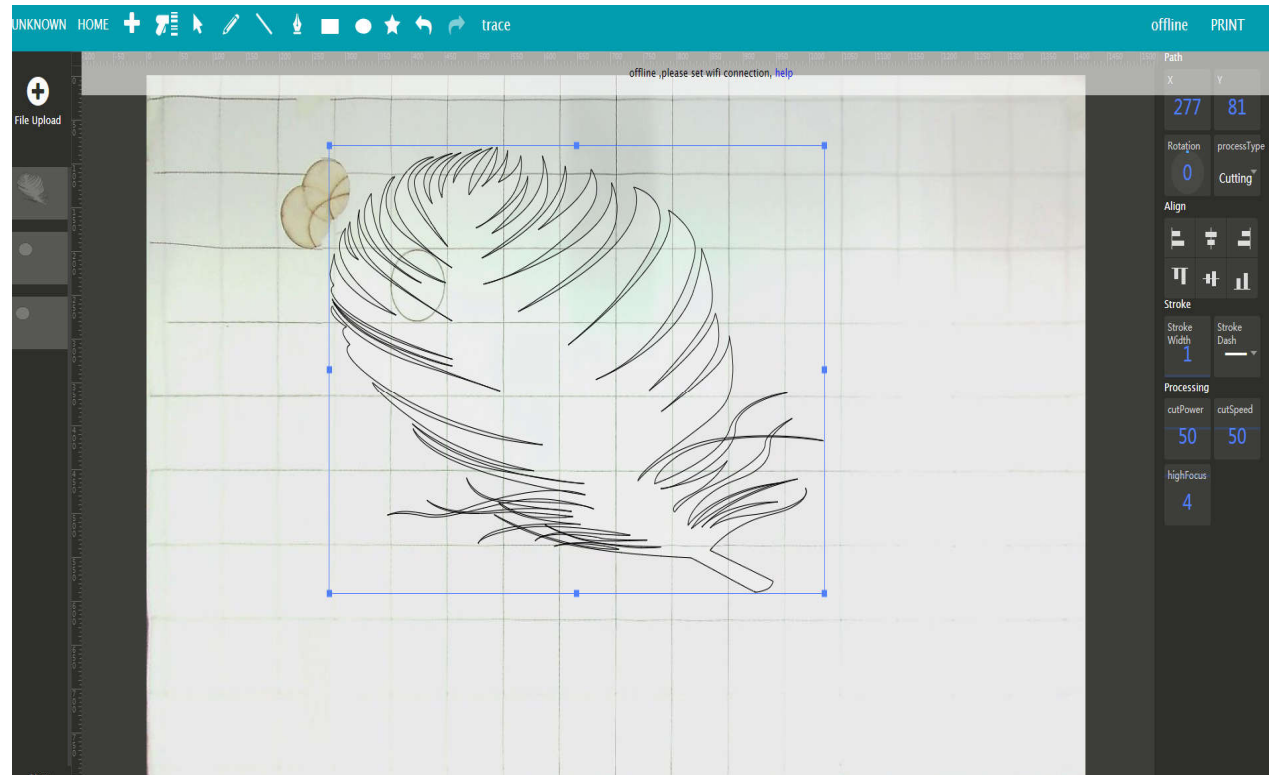
Glass

Cardboard

Board

Gweikecloud System

GweikeCloud Drawing Library
Gweike cloudsystem offers a vast array of official case drawings for users to download, even for small white users who don't use design software, simply making master-level work.

GweikeCloud Operating System
Gweikecloud system can realize real-time detection and remote operation of smart devices such as desktop computers, tablets and mobile phones, and can also remotely view device failures and remote after-sale functions through mobile phones.

Compact High Efficiency Air Filters

The machine is equipped with a compact air filter, which can clean the smoke and dust produced by the machine. You can use the machine at home, school, and office, safe and pollution-free

5 Million Wide-Angle Cameras

5 Million Wide-Angle Cameras
A wide-angle cameracombined with an image correction algorithm allows you to see in real-time how pictures are applied to materials. Simply drag and drop to adjust the size and location of the picture and easily determine the scope of the laser.

AI computer vision algorithm, the laser can automatically identify the extraction of arbitrary objects on the surface pattern. Easily cut or carve out patterns with a Gweikecloud path planning system.

Gweike Cloud Advantages

Higher precision of linear guide rail

Install the synchronous wheel to run more steadily
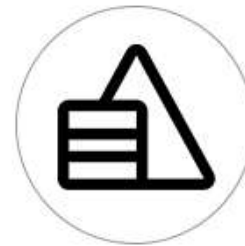
Compatible with a such as MAC PC iPad

Simple installation for 30 minutes

Industrial grade water cooling

Industrial filters

Desktop grade, smaller, more beautiful

Processing thousands of materials