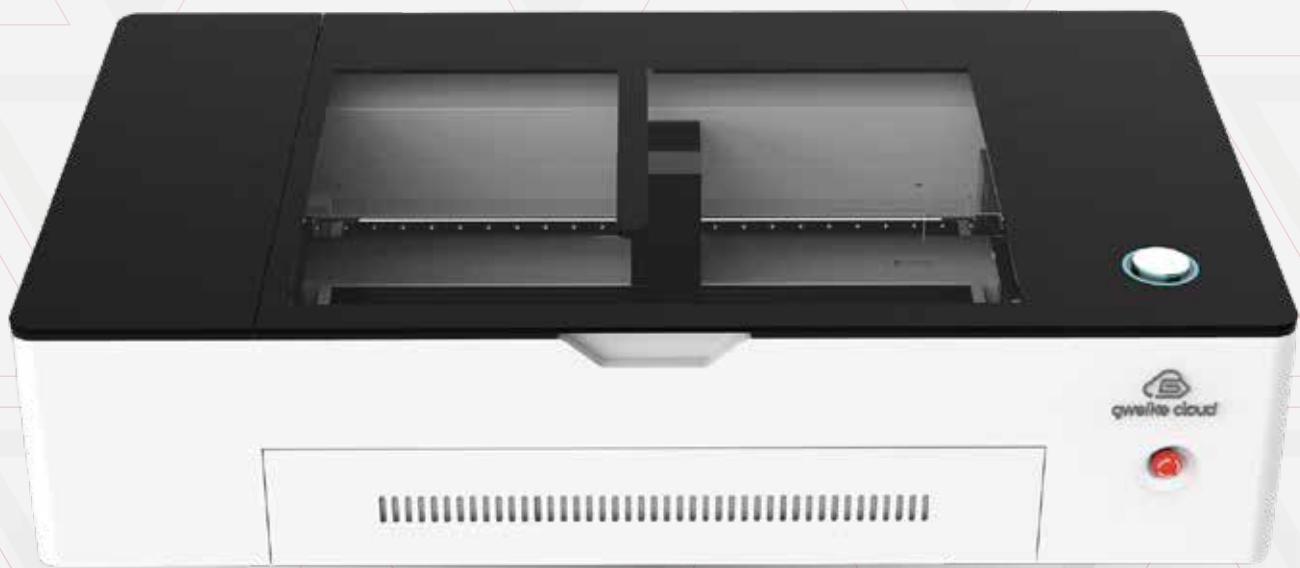


Basic II

NAREX IND
CHOOSE WISELY

GWEIKE CLOUD LASER CUTTER & ENGRAVER CO2 (50W)

Basic II



www.narexuae.com

Technical Parameters

Laser System	Description
• Laser Power :	50W
• Laser Type :	CO ₂ Glass Laser Tube
• Lifespan :	10000h
• Safety Guard :	Class I (FDA Certified)
Work Area	
• Work Table Area :	20.08" (510mm)*11.8" (300mm)
• Max. Workpiece Height (without honeycomb tray) :	2" (51mm)
• Work Table Surface :	Black (Special surface finishing technique helps reduce burn marks or discoloration)
Materials Processing	
• Max. Cutting Depth :	0.59" (15mm) Basswood
• Max. Carving Speed :	600mm/s
• Carving Precision :	0.001" (0.025mm)
• Noise Rating :	≤70dB
Weight & Dimensions	
• Processing Area :	20.08" (510mm)*11.8" (300mm)
• Machine Dimensions :	38.2"**22.2"**9.2" (970mm*565mm*234.5mm)
• Weight :	42.6kg
AI Camera Information	
• Focus Mode :	AI Visual AF/Material Recognition AF/Material Set-up AF
• Camera :	High-resolution Ultra-wide Camera
• Number of Pixels (Effective) :	5MP
• Visible Area :	19.29" x 11.42"
• Positioning AI Visual Positioning :	Error range ≤ 2mm

Technical Parameters

Software Requirements

- Operating Systems : Windows/macOS
- Control Software : Gweikecloud Web Based, Gweikecloud Offline, Lightburn
- Connection / Transmission : Wi-Fi, USB, Ethernet
- Supported File : Type SVG, DXF, JPG, JPEG, PNG, BMP, TIF, CR2, etc.
- Design Software : AutoCAD, Solidworks, Inkscape, CorelDRAW, PowerPoint, Illustrator, Photoshop, Google AutoDraw, etc.

Environmental Requirement

- Power : AC 110-220V±10%,50-60Hz
- Work Consumption (without fan) : 550W
- Nonoperating Temperature : 0~45°C
- Relative Humidity : 5~90°C
- Operating Ambient Temperature : 0~35°C

Supported Accessories

- Cameras: 5 MP ultra-wide-angle camera wide angle & macro ✓
- Water Chiller ✓
- Full autofocus ✓
- Dual high-efficiency internal LED strips ✓

► Basic II

Laser Cutter & Engraver CO2 (50W)



Characteristics ►

- 50W CO2 Laser Tube** – Capable of cutting and engraving materials like wood, acrylic, leather, and plastic.
- High Engraving Precision** – Offers up to 1000 DPI resolution for fine and detailed engraving.
- Spacious Working Area** – Approximately 510mm x 300mm, suitable for various medium-sized projects.
- Built-in HD Camera** – Allows real-time material preview and accurate alignment through software.
- Wi-Fi and Cloud Connectivity** – Operate the machine remotely via Gweike Cloud software.
- Rotary Tool Compatibility** – Supports rotary attachments for engraving cylindrical objects.
- Safe Enclosed Design** – Fully enclosed body with built-in exhaust for indoor and safe operation.



SUMMARY FEATURES ►

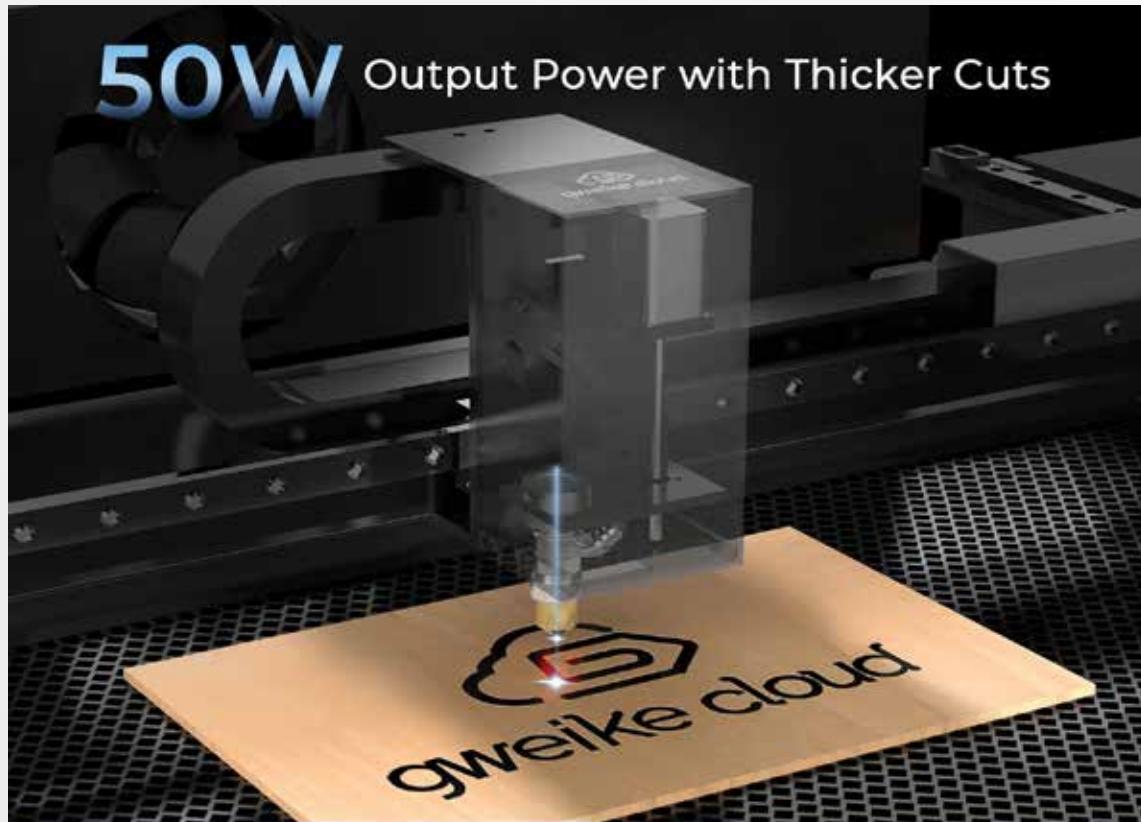
Basic II

CO2 "50W"

- 50W CO2 laser power.
- Cuts wood, acrylic, leather, cardboard, and more.
- Engraves with up to 1000 DPI precision.
- Working area: approx. 510mm x 300mm.
- Built-in HD camera for live preview.
- Smart material positioning via camera.
- Wi-Fi and cloud connectivity.
- Compatible with Gweike Cloud software.
- Supports JPG, PNG, SVG, DXF, PDF file formats.
- Easy-to-use touch screen interface
- Rotary attachment compatible.
- Safety enclosed design with protective lid.
- Built-in smoke exhaust fan.
- Air assist system for clean cuts.
- Autofocus laser head (optional).
- Compact desktop design.
- Supports engraving on curved surfaces (with rotary).
- Built-in LED lighting for work visibility.
- Plug-and-play setup with minimal assembly.
- Works with Windows and macOS.
- Ideal for hobbyists, designers, and small businesses.

MAJOR FEATURES

50W Output Power with Thicker Cuts



Incredible Cutting Ability



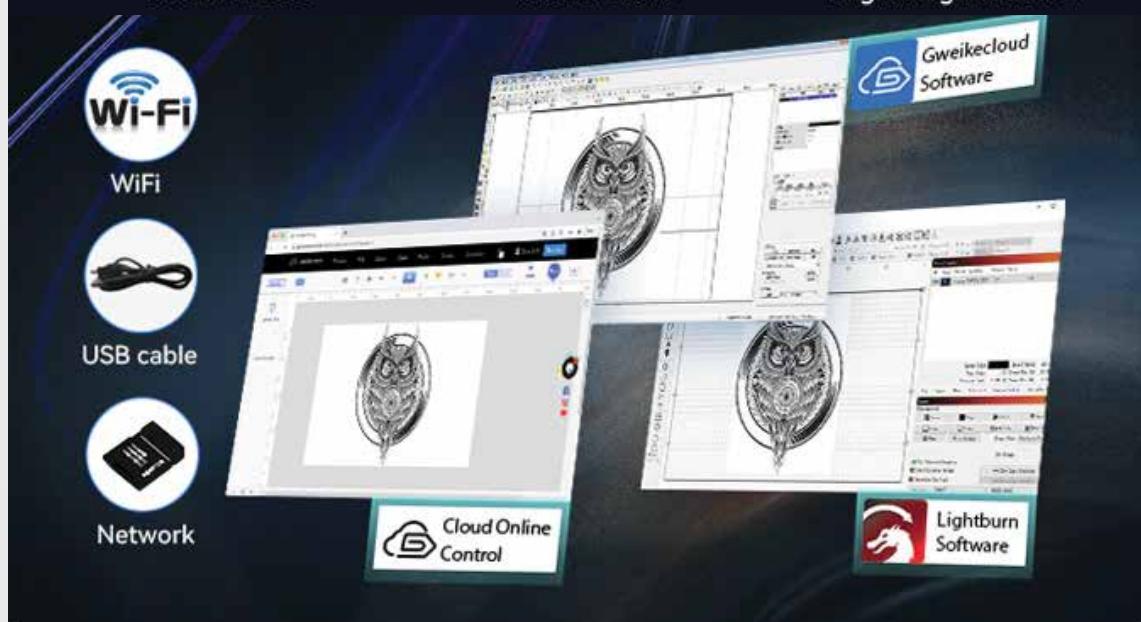
Cut 20mm Wood
in ONE Pass



Cut 16mm Acrylic
in ONE Pass



3D Ultra-Fine 0.001"
Engraving Precision



MAJOR FEATURES

