# XTOOL M2 20W Laser Engraver

Model: P0101000476

Manufacturer: XTOOL

EAN: 6928819535978

Product Code: 1535019

## R25,592

### XTOOL M2 20W Laser Engraver

The XTOOL M2 20W laser engraver is a state-of-the-art device designed for laser cutting and engraving, which can be upgraded with an optional CMYK inkjet printing module. Equipped with a powerful 20 W diode laser, it enables fast and precise processing of wood, acrylic, leather, paper, felt, and many other materials. The 426 × 320 mm work area ensures a comfortable working experience when handling larger projects. Two built-in system cameras, automatic focusing, live preview, and the intuitive xTool Studio software significantly simplify project preparation. Its enclosed design with Class 1 safety certification, Wi-Fi and USB connectivity, and the ability to expand with additional modules make the XTOOL M2 20W ideal for both home workshops and professional product customization.

### One Device for Cutting and Engraving

The XTOOL M2 20W was designed for users who want a versatile device capable of handling a wide variety of projects. It comes standard with precise laser cutting and engraving capabilities. As a

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result, a single device can replace several separate tools, streamlining the entire creation and customization process. This model is ideal for creating decorations, nameplates, advertising materials, ornaments, personalized gifts, and handmade products.

## More power means more possibilities

The 20 W diode laser provides greater cutting performance than the 10 W version, making the device better suited for more demanding projects. The 0.06 × 0.08 mm laser spot ensures high precision during engraving, delivering sharp details and an aesthetically pleasing finish to your projects. In a single pass, the machine can cut linden wood up to 10 mm thick and black acrylic up to 8 mm thick, which reduces processing time and minimizes the number of laser passes. A maximum operating speed of 600 mm/s enables efficient completion of both individual projects and larger production runs, and the combination of high power with precise head guidance ensures consistent results in daily operations.

## Precise positioning thanks to two built-in cameras

The M2 model is equipped with a 5 MP panoramic camera and a 2 MP close-up camera, which ensure accurate material positioning and display a real-time preview of the project. This allows the user to precisely position the graphic on the workpiece before starting the job, which reduces the risk of errors and minimizes waste. Automatic focusing further reduces setup time and eliminates the need for manual adjustments. This solution is particularly effective for batch production and the personalization of finished products.

## Wide Material Compatibility

The XTOOL M2 20W supports a wide range of materials used in manufacturing, crafts, and customization. The laser can process wood, MDF, opaque acrylic, paper, cardboard, leather, felt, rubber, glass, ceramics, aluminum, and stainless steel. This allows users to tackle both simple hobby projects and more advanced commercial orders using a single device.

## Intuitive Operation and Ready to Use

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The device is delivered fully assembled, so it takes very little time to get it up and running. The xTool Studio software offers a simple interface, ready-made templates, and support for popular file formats such as SVG, DXF, JPG, JPEG, PNG, and BMP, making it easy to design your own patterns. USB and Wi-Fi connectivity allow you to conveniently control the device from both Windows and macOS computers. Its intuitive operation makes it suitable for both beginners in laser engraving and more experienced users.

## Safe Design for Everyday Use

The XTOOL M2 20W features an enclosed design that meets Laser Class 1 safety requirements, as confirmed by TÜV SÜD certification. This design limits the user’s exposure to the laser beam during operation, enhancing safety during daily use. Its robust construction and well-thought-out technical solutions ensure that the device performs reliably during long hours of work on successive projects. This is the ideal solution for those seeking a high-performance laser engraver that combines high power, precision, and ease of use.

## Included in the set

- XTOOL M2 laser engraver
- 20 W laser module
- Module connection cable
- Power supply with power cord
- USB cable with adapter
- Fume exhaust tube
- Cable tie
- Lubricant
- Set of test materials
- Magnetic clamps
- Hex screwdriver
- Masking tape
- M3×6 screws
- Safety instructions
- Quick start guide

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|---|---|
| **Manufacturer** | XTOOL |
| **Model** | M2 |
| **Laser type** | 20 W diode (Blue Diode Laser) |
| **Operating modes** | laser cutting, laser engraving |
| **Optional modules** | CMYK inkjet printing module, 3 W infrared laser module |
| **Working area (laser)** | 426 × 320 mm |
| **Maximum operating speed** | 600 mm/s |
| **Maximum cutting thickness for linden wood** | 10 mm (single pass) |
| **Maximum cutting thickness for black acrylic** | 8 mm (single pass) |
| **Laser spot size** | 0.06 × 0.08 mm |
| **Positioning precision** | up to 0.2 mm |
| **Measurement accuracy** | 0.1 mm |
| **Motion accuracy** | 0.01 mm |
| **Camera system** | 5 MP panoramic camera + 2 MP close-up camera |
| **Focus adjustment** | automatic |
| **Connectivity** | USB, Wi-Fi |
| **Software** | xTool Studio |
| **Supported operating systems** | Windows, macOS |
| **Supported file formats** | SVG, DXF, JPG, JPEG, PNG, BMP |
| **Safety certification** | Laser Class 1 (TÜV SÜD) |
| **Device dimensions** | 610 × 569 × 180 mm |
| **Weight** | 12.3 kg |
| **Maximum power consumption** | 200 W |
| **Power supply** | 100–240 V AC, 50/60 Hz |

Information about data generation: https://dataact.innpro.pl/XTOOL/6928819535978, GPSR Link:

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