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Makeblock D1 Pro

xTool Honeycomb Working Table Instruction Manual

Model: D1 Pro Compatible

1. INTRODUCTION

The xTool Honeycomb Working Table is an essential accessory designed to enhance the performance of laser engraver and cutter machines, particularly the xTool D1 Pro and other compatible models. Its primary function is to facilitate efficient smoke evacuation, protect your work materials from scorching, and safeguard your desktop from laser damage during cutting and engraving operations. The honeycomb structure ensures optimal airflow, leading to cleaner cuts and improved overall results.

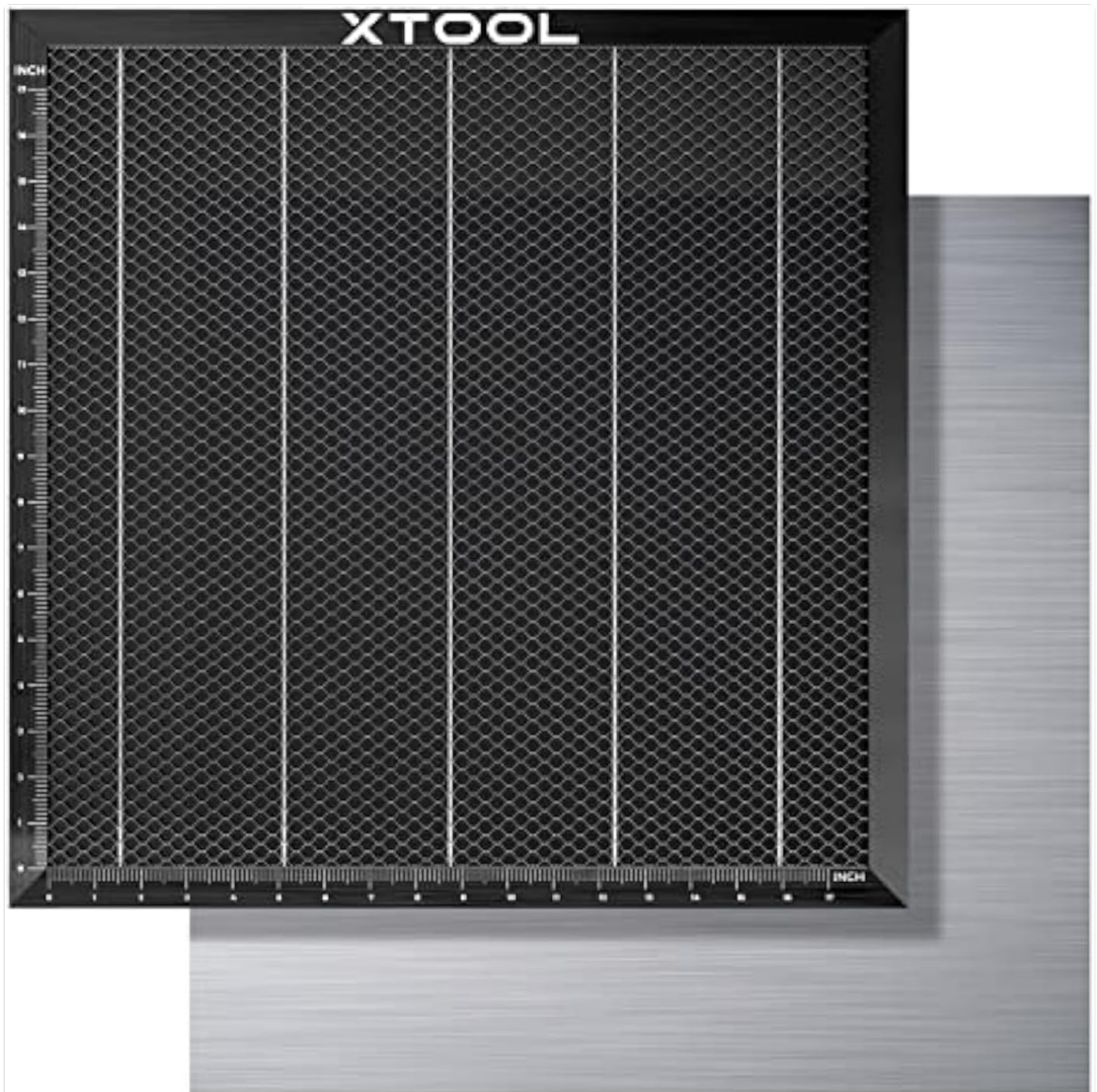


Figure 1: xTool Honeycomb Working Table with accompanying aluminum panel.

2. SETUP

2.1. Components Overview

The xTool Honeycomb Working Table set includes the following main components:

- Honeycomb Panel: Made of iron and aluminum for stability, durability, and rust resistance.
- Aluminum Panel: Provides additional protection for your desktop.
- Four Corner Protectors: Designed to prevent accidental hand injuries.

Get a Better Experience

Equipped with an aluminum panel and four corner protectors



Figure 2: Key components of the Honeycomb Working Table.

2.2. Installation and Placement

Proper placement of the honeycomb working table is crucial for optimal performance and safety. The aluminum panel should be placed directly on your work surface, followed by the honeycomb panel on top.

1. Ensure your laser engraver is powered off and disconnected from the power source.
2. Place the aluminum panel on your desktop or the base of your laser engraver's working area. This panel acts as a protective barrier against laser damage.
3. Carefully place the honeycomb panel on top of the aluminum panel. Ensure it is centered and stable.
4. Attach the four corner protectors to the corners of the honeycomb panel to enhance safety during handling.

Double Protection

Protecting the desktop and the work produced

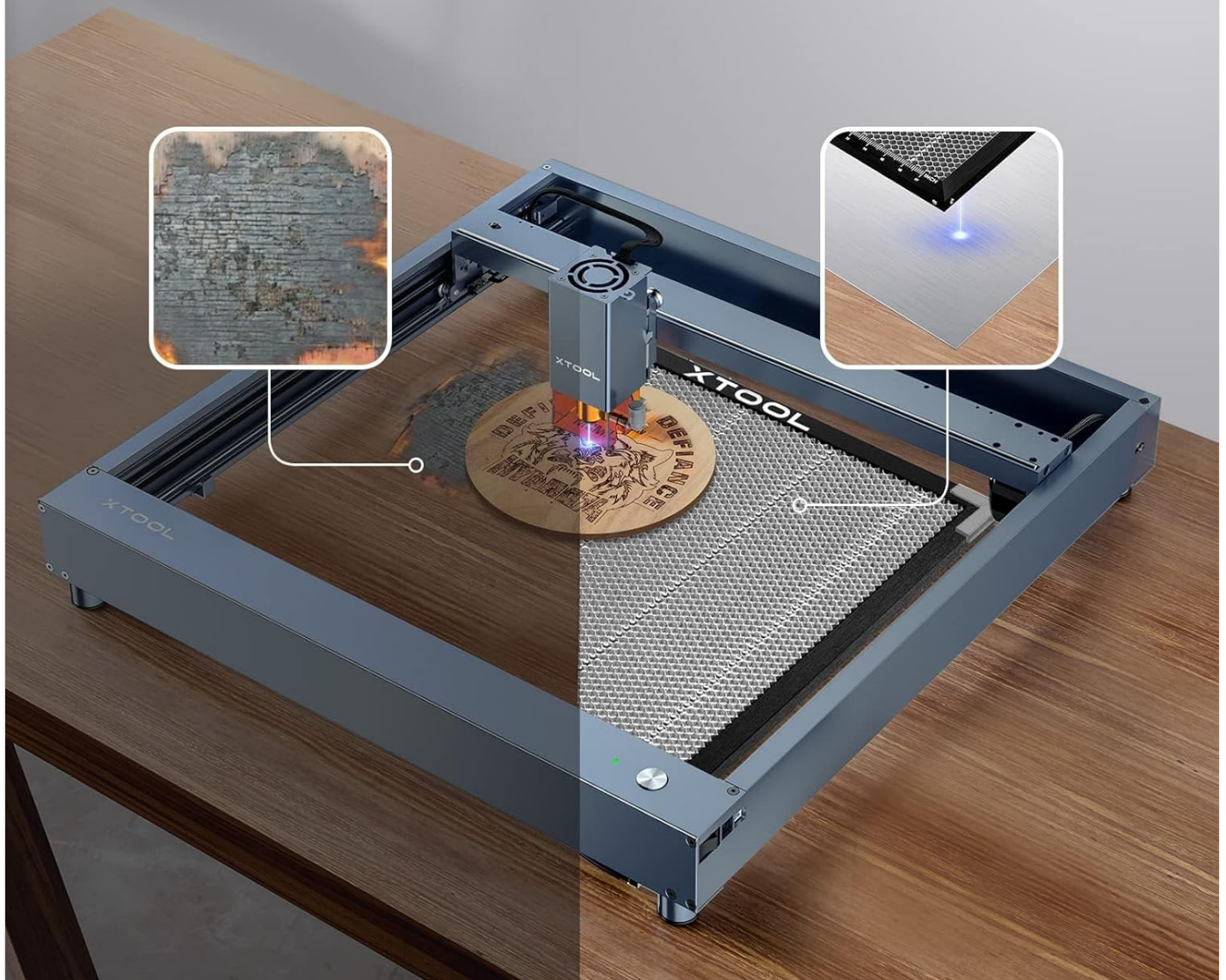


Figure 3: Double protection setup with honeycomb and aluminum panel.

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Video 1: Official xTool Honeycomb Working Panel Set overview and installation demonstration. This video showcases the features and proper placement of the honeycomb panel.

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Video 2: Assembly of the Air Assist and Riser Base with Honeycomb. This video demonstrates how the honeycomb table integrates with other xTool accessories.

3. OPERATING INSTRUCTIONS

The honeycomb design is engineered to accelerate smoke evacuation during laser operations, preventing materials from blackening due to hot fumes and significantly enhancing the carving and cutting effect. The integrated precise graduations on the edges allow for easy measurement of objects.

Enhance Effect


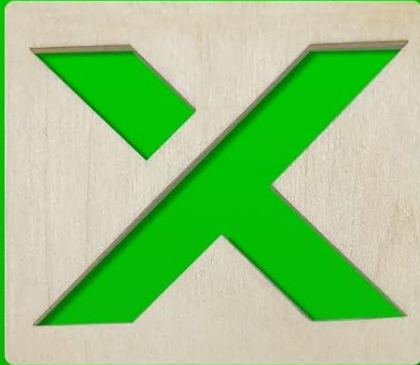







	<div>After</div> <div></div> <div>Before</div> <div></div>		
	Smooth Edges		
	Clean Work		
	Without Oil Stains		

Figure 4: Enhanced effect on materials when using the honeycomb table.

Extra Large Size

Large working area for most laser engravers

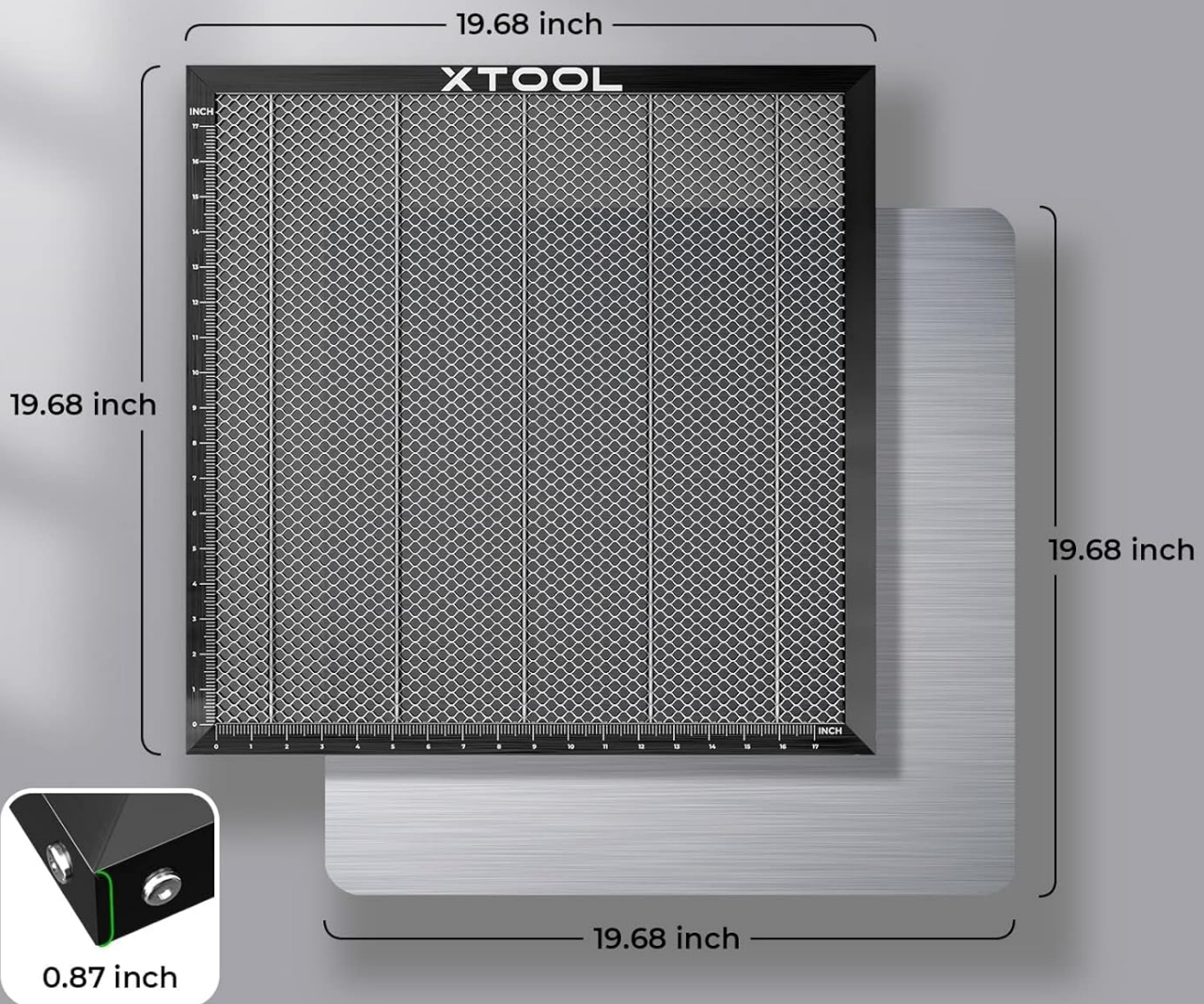


Figure 5: Large working area with precise graduations for easy measurement.

4. MAINTENANCE

To ensure the longevity and optimal performance of your xTool Honeycomb Working Table, regular cleaning is recommended. Over time, residue from laser cutting and engraving can accumulate within the honeycomb cells. Use a soft brush or compressed air to remove debris. For stubborn residue, a damp cloth with a mild cleaning solution can be used, ensuring the table is completely dry before next use.

5. TROUBLESHOOTING

5.1. Scorching on Material Backside or Desktop

If you observe burn marks or scorching on the backside of your material or on the desktop beneath the laser, it indicates insufficient airflow or lack of proper protection. The honeycomb table is designed to prevent this by allowing smoke and debris to pass through, ensuring clean cuts.

- Ensure the aluminum panel is correctly placed beneath the honeycomb table.

- Verify that the honeycomb cells are not clogged with excessive debris, which can impede airflow.
- Always use the honeycomb working table when performing cutting operations to allow proper ventilation and prevent back-burn.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	19.68 x 19.68 x 0.87 inches (500 x 500 x 22 mm)
Item Weight	8.54 pounds
Material	Iron and Aluminum
Compatibility	xTool D1 Pro and most laser engraver/cutter machines (dioxygen, fiber, CO2)


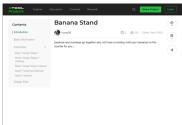
7. WARRANTY AND SUPPORT

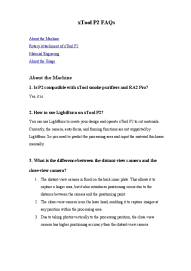
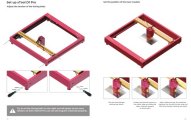

For any inquiries, technical assistance, or warranty claims regarding your xTool Honeycomb Working Table, please refer to the official Makeblock support channels. Makeblock offers multi-channel service including email, live chat, phone support, and a community Facebook group to assist users. A dedicated technical service team is available to provide prompt assistance.

- Email Support
- Live Chat
- Phone Support
- Facebook Group

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Related Documents - D1 Pro

	<p>Makeblock Laser Engraver Upgrade Pack for XY Plotter Robot Kit V2.0 User Guide</p> <p>User guide for the Makeblock Laser Engraver Upgrade Pack, detailing installation, wiring, firmware updates, and software setup for the XY Plotter Robot Kit V2.0. Learn to engrave various materials with recommended settings and sample projects.</p>
<p>此页不印刷</p> <p>xTool_M2_用户手册_简体中文_V1.0_D1.1.0</p> <p>时间: 2023/11/15 10:00</p> <p>成品尺寸: 110*280mm</p> <p>激光尺寸: 110*280mm</p> <p>材料: 304不锈钢板, 内部2024铝型材</p> <p>工艺: 数控激光切割, 表面CNC铣削, 丝印</p>	<p>xTool M2 User Manual: Setup, Operation, and Safety Guide</p> <p>Comprehensive guide for the xTool M2 laser cutter and engraver, covering setup, operation, safety precautions, maintenance, and troubleshooting. Includes detailed instructions and specifications.</p>
	<p>DIY Banana Stand Project Guide with XTool D1 Pro</p> <p>Step-by-step guide to creating a unique banana stand featuring a monkey design using the XTool D1 Pro laser engraver. Includes design stages, material information, and laser settings for wood and acrylic.</p>

	<p>xTool P2 FAQs: Your Guide to the Smart Desktop Laser Cutter</p> <p>Frequently Asked Questions about the xTool P2 laser cutter and engraver, covering compatibility, operation, features, materials, and maintenance.</p>
	<p>xTool D1 Pro Setup and Operation Guide</p> <p>Comprehensive guide to setting up, operating, and maintaining the xTool D1 Pro laser engraver and cutter, including software installation and accessory usage.</p>
	<p>xTool M1 User Manual</p> <p>This user manual provides comprehensive instructions for the xTool M1, a 2-in-1 laser engraver and cutter. It covers setup, operation, safety precautions, maintenance, and troubleshooting for various materials.</p>