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ikkle IK600204-P

ikkle 3D Printer Stand with Filament Storage Rack Instruction Manual

Model: IK600204-P

1. PRODUCT OVERVIEW

The ikkle 3D Printer Stand provides an integrated storage solution for 3D printers, filament spools, filament dryers, and various 3D printing accessories. This design consolidates printing equipment and materials into a single unit, optimizing workspace organization. The stand features an enlarged left tabletop measuring 26.6 inches wide by 22.5 inches deep, suitable for most 3D printers. It offers extensive storage for up to 54 standard-sized filament spools on the bottom two tiers and up to 20 roll filaments on the top two right-side tiers. Additional open spaces are available for accessories.



LARGE STORAGE CAPACITY

Fit Everything you need

Figure 1: Overall view of the ikkle 3D Printer Stand with Filament Storage Rack, showcasing its large storage capacity for a 3D printer, filament spools, and accessories.

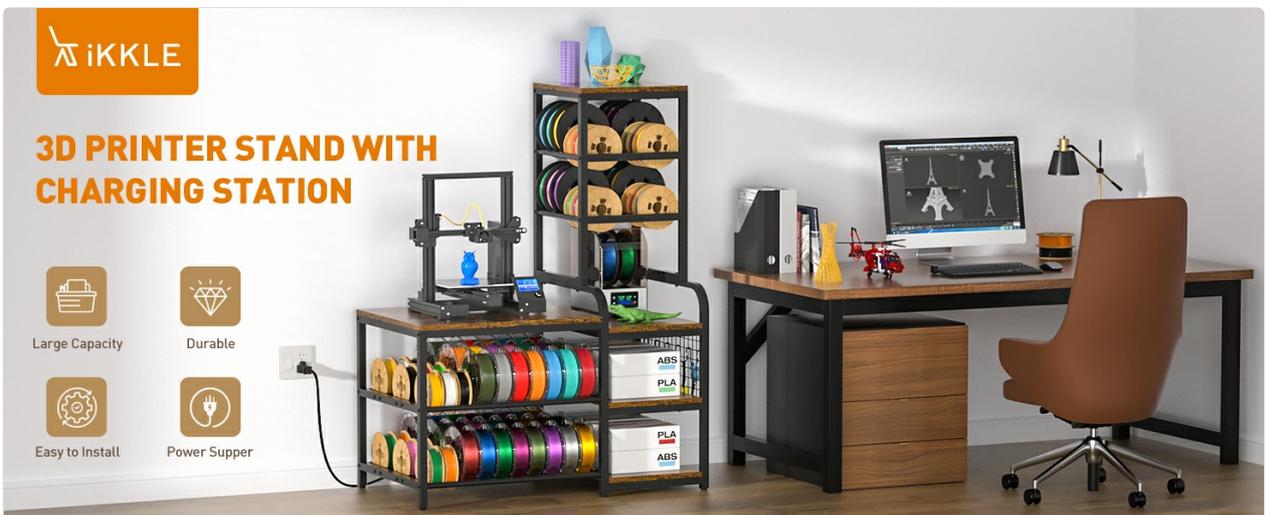


Figure 2: Illustration highlighting the stand's large storage capacity for various 3D printing essentials.

2. PACKAGE CONTENTS

Verify that all components are present before beginning assembly. If any parts are missing or damaged, please contact customer support.

- 3D Printer Table components (particleboard shelves, metal frame parts)
- Mounting Hardware (screws, bolts, nuts, S-hooks, adjustable feet)
- Installation Instructions (this manual)

3. ASSEMBLY INSTRUCTIONS

The 3D printer stand is designed for straightforward assembly. A detailed instruction manual is included to guide you through the process. It is recommended to have an electric screwdriver for quicker assembly.

3.1 General Assembly Guidance

1. Unpack all components and verify against the package contents list.
2. Identify all hardware. Separate screws and bolts by type to avoid confusion.
3. Follow the step-by-step diagrams provided in the included installation instructions.
4. Ensure all connections are secure but do not overtighten until the unit is fully assembled.
5. Attach the adjustable feet to the bottom of the stand to ensure stability on uneven surfaces.
6. Install the S-hooks onto the designated grid panel for tool organization.



Figure 3: Close-up view of the adjustable feet and S-hooks, which are part of the assembly and user-friendly design.

PRODUCT DIMENSION



Figure 4: Detail of the open shelves and integrated S-hooks for organizing tools and accessories.

4. PRODUCT FEATURES AND OPERATION

4.1 Integrated Charging Station

The stand includes a built-in power strip located on the tabletop. This charging station provides convenient access to power for your 3D printer, laptop, or other electronic devices.

- **AC Outlets:** 2 x 120V/12A
- **USB-A Ports:** 2 x 5V/2.1A
- **USB-C Port:** 1 x 5V/3A
- **Power Cord Length:** 4.9 ft



Figure 5: Close-up of the integrated charging station with 2 AC outlets, 2 USB-A ports, and 1 USB-C port, along with its 4.9 ft power cord.

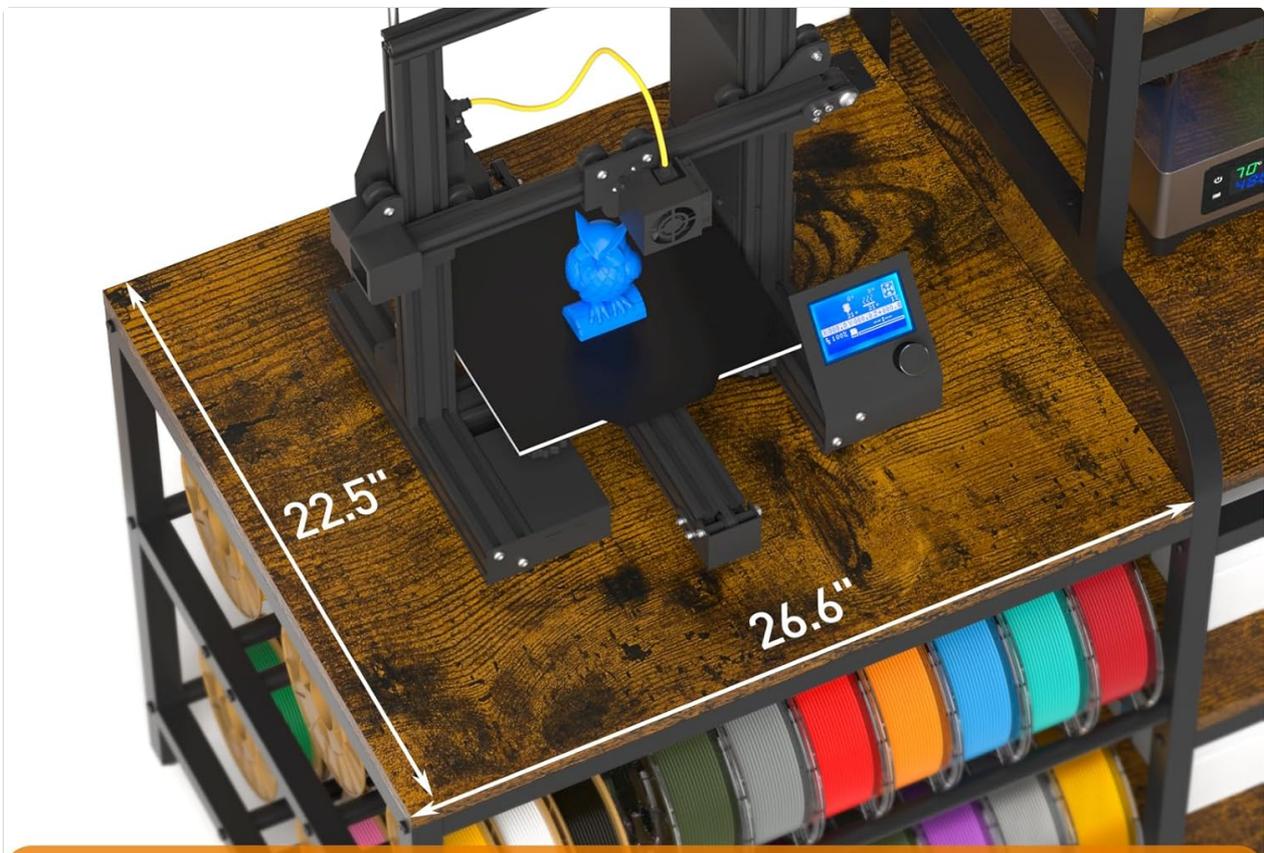


Figure 6: Visual representation of the built-in power strip supporting various appliances.

4.2 Filament Storage Capacity

The stand is designed to accommodate a large quantity of filament spools, supporting various sizes.

- **Left Side Bottom Tiers:** Holds up to 54 standard-sized spools.
- **Right Side Top Tiers:** Holds up to 20 roll filaments.
- Compatible with 200g (6.2in), 500g (7.9in), and 1kg (7.9in) filament spools.



SUITABLE FOR ALL TYPES OF 3D PRINTERS



Figure 7: Image illustrating the filament spool storage capacity, showing various spool sizes (200g, 500g, 1kg) and their dimensions.

ALL IN ONE Fit Everything You Need



3d Printer



Filament Spools



3d Printed Model



3d Filament Dryer



3d Printer Accessories

Figure 8: Diagram showing the filament storage sections, designed to hold numerous spools.

4.3 Printer Compatibility

The enlarged left tabletop (26.6"W x 22.5"D) is designed to accommodate most standard 3D printers.



FILAMENT SPOOL STORAGE

For Over **78** pcs Various Spools



Figure 9: Image showing the dimensions of the main tabletop (26.6"W x 22.5"D) and examples of compatible 3D printers.

4.4 Stability and Durability

Constructed from premium particleboard and a sturdy metal structure, the stand is designed for durability. The painted surface helps prevent rust and corrosion. The frame is secured with screws to ensure stability, supporting up to 300 lbs per tier.



Figure 10: Diagram showing the overall product dimensions and the 120 lb weight capacity per tier.



Figure 11: Close-up of the sturdy metal frame and particleboard construction, emphasizing durability.

5. MAINTENANCE

To ensure the longevity and appearance of your ikkle 3D Printer Stand, follow these maintenance guidelines:

- **Cleaning:** Wipe surfaces with a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Spills:** Promptly clean any spills, especially on the particleboard surfaces, to prevent water damage. The

surface is designed to resist minor liquid exposure.

- **Hardware:** Periodically check all screws and bolts to ensure they remain tight. Retighten if necessary to maintain structural integrity.
- **Placement:** Avoid placing the stand in direct sunlight or near heat sources to prevent material degradation.



Figure 12: Image showing a surface with water droplets, indicating the water-resistant properties of the stand's finish.

6. TROUBLESHOOTING

If you encounter issues during assembly or use, refer to the following common troubleshooting tips:

- **Difficulty with Assembly:** Ensure you are using the correct hardware for each step as indicated in the detailed instruction manual. Some users have reported issues with bolt sizes; double-check part numbers and contact support if discrepancies are found.
- **Stand Wobbles:** Verify that all screws and bolts are securely tightened. Adjust the anti-scratch pads on the bottom of the stand to compensate for uneven floor surfaces.
- **Missing Parts:** If any components or hardware are missing from the package, refer to the package contents list and contact customer support for assistance.
- **Power Strip Not Working:** Ensure the power cord is fully plugged into a functional wall outlet. Check if the power strip's circuit breaker (if present) has tripped.

7. SPECIFICATIONS

Feature	Specification
Brand	ikkle
Model Number	IK600204-P
Product Dimensions (L x W x H)	22.5 x 42.1 x 54.5 inches
Item Weight	44 pounds
Material	Metal, Wood (Particleboard)
Finish Type	Painted
Color	Black frame with Vintage Panels
Number of Shelves	5

Feature	Specification
Weight Capacity per Tier	Up to 300 lbs (as per product description, though image shows 120lb)
Special Feature	Heavy Duty, Built-in Power Strip, Adjustable Feet, S-Hooks
Assembly Required	Yes



Figure 13: Diagram illustrating the product dimensions and individual tier weight capacity.

8. WARRANTY AND SUPPORT

For any questions, concerns, or issues regarding your ikkle 3D Printer Stand, please contact ikkle customer support. Refer to your purchase documentation for specific warranty details. If you encounter any problems during the assembly or use process, timely contact with customer service is recommended for assistance.