

Genmitsu DS69

Genmitsu 65mm & 69mm CNC Dust Shoe Instruction Manual

Model: DS69

1. PRODUCT OVERVIEW

The Genmitsu 65mm & 69mm CNC Dust Shoe is designed to maintain a clean working environment during CNC machining operations. It is compatible with most 65mm and 69mm CNC spindle motors and compact routers, including Genmitsu PROVerXL Series, 4040-PRO, 3020-PRO MAX V2, and 3030-PROVer MAX CNC machines that support adding a 65mm/69mm trimmer router. Constructed from durable, transparent ABS material, this dust shoe allows for clear visibility of the cutting process while effectively collecting dust and debris.

Its split design facilitates easy replacement of cutting bits and worn brushes. The integrated planting brush is designed for effective dust collection and durability.



Image 1.1: The Genmitsu 65mm & 69mm CNC Dust Shoe, showing its transparent construction and brush.

2. INSTALLATION GUIDE

Follow these steps to properly install the Genmitsu CNC Dust Shoe on your compatible spindle motor or compact router.

2.1 Compatibility Check

The dust shoe features an innovative gasket design for seamless adaptation to either 65mm or 69mm diameter CNC spindle motors or compact routers. Ensure your machine's spindle diameter matches one of these sizes.

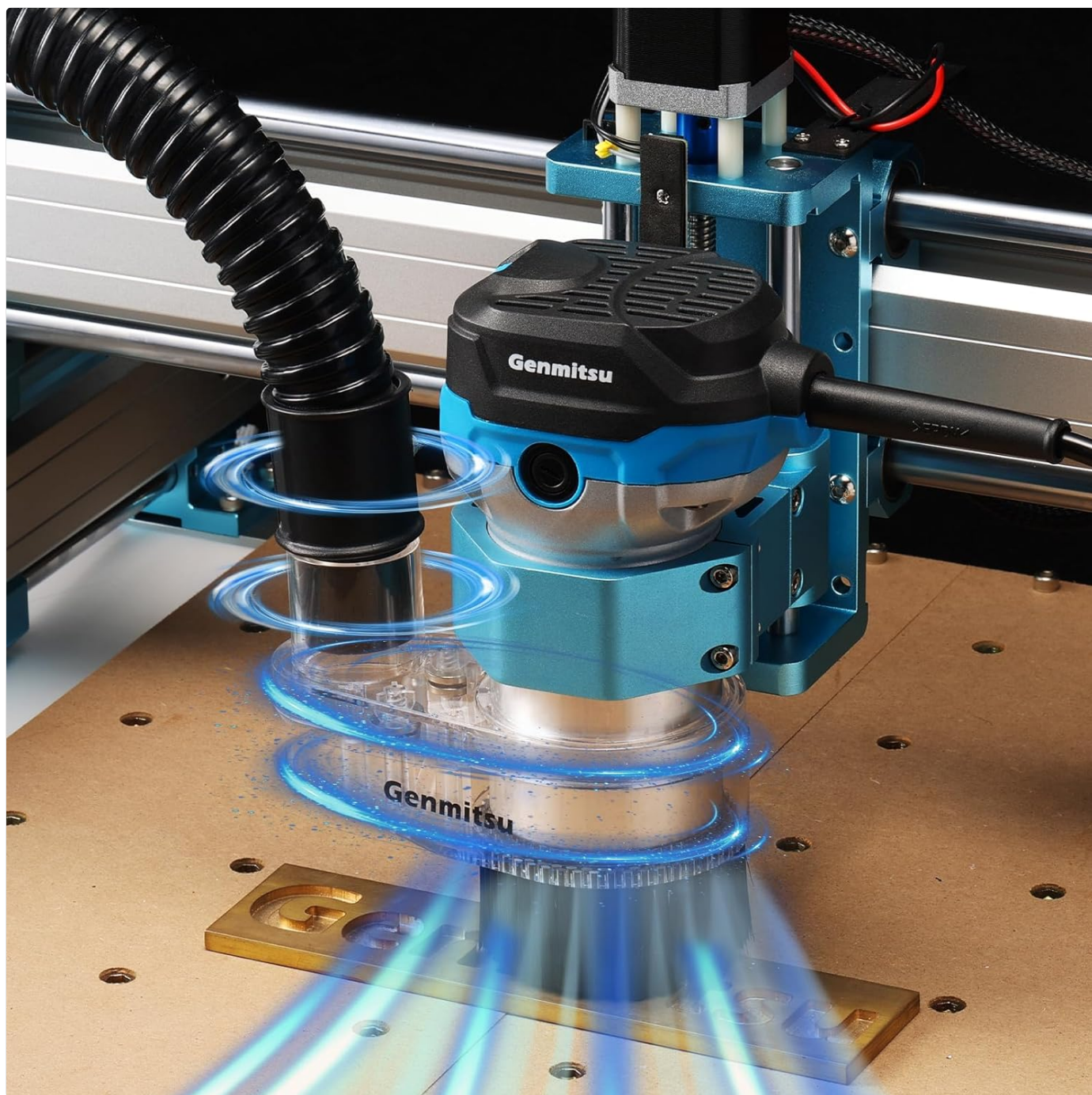


Image 2.1: The dust shoe is compatible with both 65mm and 69mm diameter spindles, using the appropriate gasket.

2.2 Assembly Steps

1. **Prepare the Gasket:** If your spindle is 65mm, place the appropriate 65mm gasket into the top cover of the dust shoe. For 69mm spindles, no gasket is needed as the dust shoe directly accommodates this size.
2. **Install the Top Cover:** Insert the top cover of the dust shoe onto your router's spindle. Secure it in place by fastening the provided screw.

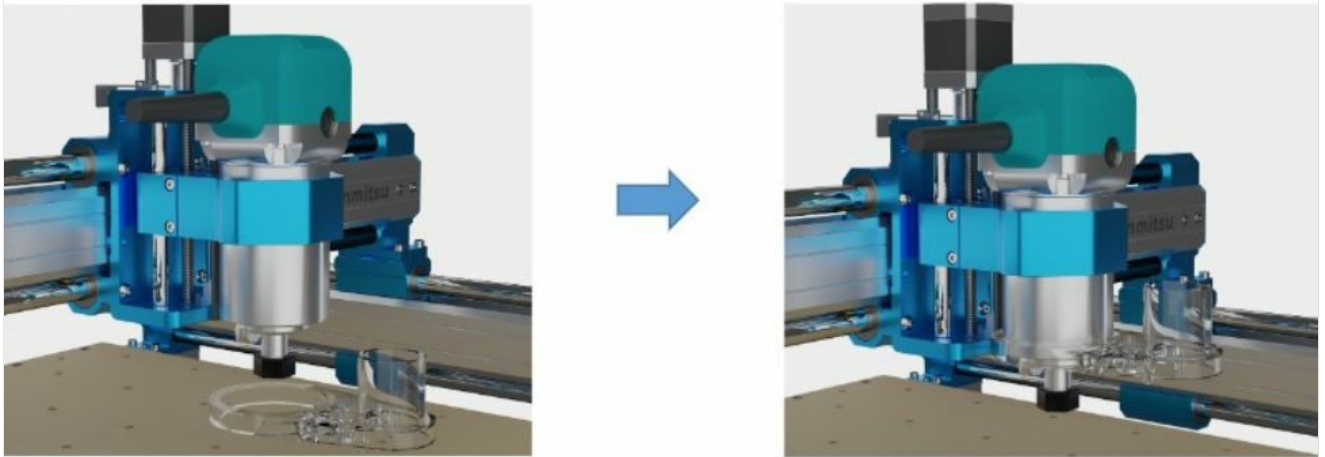


Image 2.2: Attaching the top cover of the dust shoe to the CNC spindle.

3. **Attach the Bottom Cover:** Align the magnets on the bottom cover with the top cover and attach it. Ensure the brush on the bottom cover is flush with the end of your cutting bit for optimal dust collection.

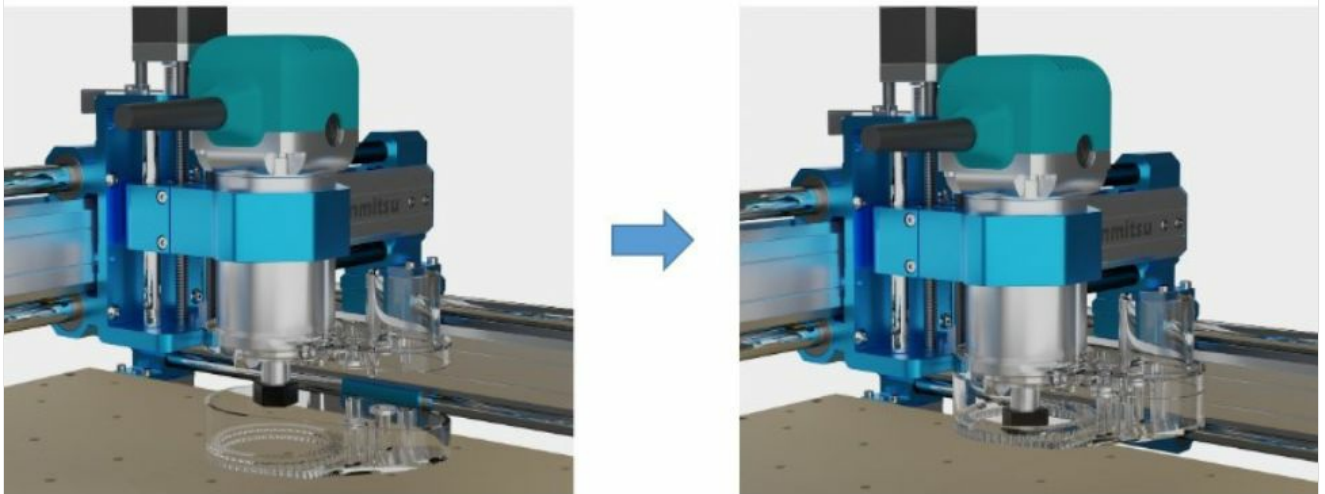


Image 2.3: The bottom cover magnetically attaches to the top cover, ensuring a stable connection.

4. **Connect the Hose:** Install your dust collection hose to the adapter on the dust shoe. The hose adapter has an inner diameter of 38mm (1.5 inches).

The dust shoe's stable structure, supported by two magnets and three supports, prevents displacement during use, offering a secure experience.

Stable Structure



Image 2.4: Detail of the stable magnetic and support structure ensuring secure attachment.

2.3 Installation Video

For a visual guide on the installation process, please watch the official product video below:

Your browser does not support the video tag.

Video 2.1: Official Genmitsu installation guide for the 65mm/69mm CNC Dust Shoe.

3. OPERATING INSTRUCTIONS

Once installed, the Genmitsu CNC Dust Shoe operates passively with your CNC machine's spindle. Ensure your dust collection system is active and properly connected to the dust shoe's hose adapter before beginning any cutting operations.

- **Power On Dust Collector:** Activate your dust collection system prior to starting your CNC machine's spindle.
- **Begin Machining:** Proceed with your CNC cutting tasks as usual. The dust shoe's brush will contain debris, and the

vacuum will extract it through the hose.

- **Monitor Operation:** The transparent design allows you to observe the cutting process and ensure effective dust collection.

Wide Compatibility



Image 3.1: The dust shoe actively collecting debris during a CNC machining operation.

4. MAINTENANCE

Regular maintenance ensures the longevity and effectiveness of your dust shoe.

- **Brush Cleaning:** Periodically inspect and clean the planting brush to remove accumulated debris. The brush is designed to be neat and firm, contributing to effective dust collection.
- **Brush Replacement:** The split design of the dust shoe makes it easy to replace worn brushes. Simply detach the bottom cover, remove the old brush, and install a new one.
- **General Cleaning:** Wipe down the transparent ABS body with a soft, damp cloth to maintain visibility and prevent dust buildup on the exterior.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with the Genmitsu CNC Dust Shoe.

- **Poor Dust Collection:**
 - Ensure the dust collection hose is securely attached and free of blockages.
 - Verify that the brush on the bottom cover is flush with the cutting bit. Adjust if necessary.
 - Check if the dust collector itself is operating at full efficiency.
- **Dust Shoe Displacement:**
 - Confirm that the top cover is securely fastened to the spindle.
 - Ensure the magnets on the bottom cover are properly aligned and attached to the top cover. The three support points also contribute to stability.

6. SPECIFICATIONS

Feature	Detail
Brand	Genmitsu
Model Number	DS69
Compatibility	65mm & 69mm Spindle Motors / Compact Routers
Hose Adapter Inner Diameter	38mm (1.5 inches)
Material	High-quality ABS (Transparent)
Assembly	2-step magnetic split design
Item Dimensions (L x W x H)	8.27 x 6.46 x 4.96 inches
GTIN / UPC	816550027943

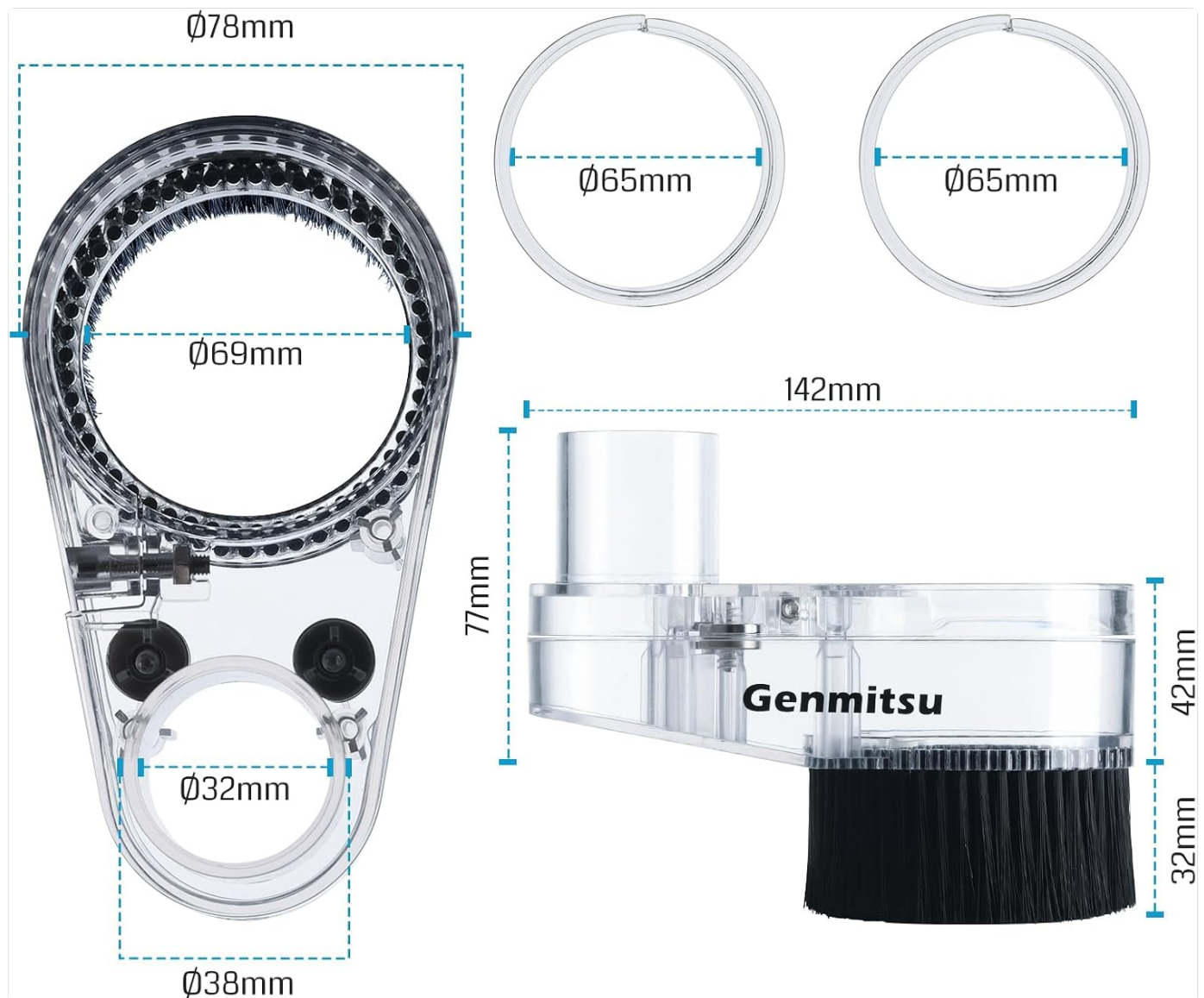


Image 6.1: Detailed dimensions of the Genmitsu CNC Dust Shoe.

7. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Genmitsu CNC Dust Shoe, please refer to the official Genmitsu website or contact their customer service directly. Keep your purchase receipt for warranty claims.

You can visit the official Genmitsu store for more products and support: [Genmitsu Store on Amazon](#).

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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