

General Tools 8562

General Tools & Instruments 8562 X2 Face Frame System

Model: **8562** | Brand: **General Tools**

1. INTRODUCTION AND OVERVIEW

The General Tools & Instruments 8562 X2 Face Frame System is designed to simplify and enhance the process of building face frames for cabinetry and other woodworking projects. Constructed from high-quality aircraft aluminum, this system offers exceptional durability and rigidity, ensuring precise and clean cuts. Its intuitive design allows for easy installation on most full-size router tables, enabling users to achieve professional-grade results with greater efficiency.

This system is engineered to help you create beautiful face frames faster and easier than traditional methods, resulting in more precise cuts and a superior finish for your woodworking endeavors.

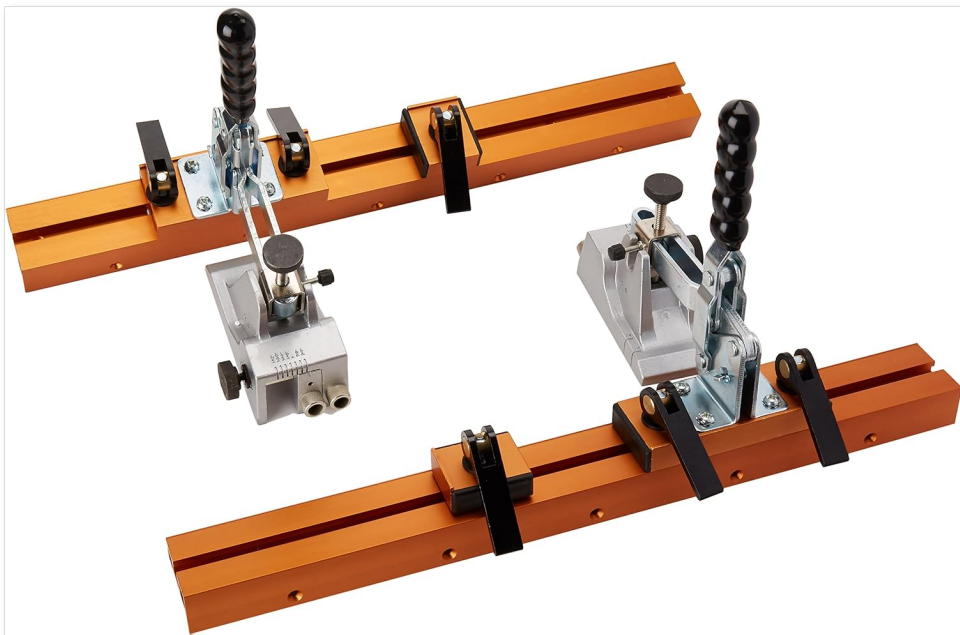


Figure 1.1: The General Tools & Instruments 8562 X2 Face Frame System, showing its main components including the aluminum tracks and clamping mechanisms.

2. COMPONENTS AND PARTS LIST

The 8562 X2 Face Frame System includes the following components:

- 1.95 cm drill bit
- #7 pocket hole screws
- #8 post hole screws
- T-Track Carriage (2 units)
- T-track (2 units)
- Jigs (2 units)
- 100 square drive fine face fracture screws



Figure 2.1: Example of a pocket hole jig kit, similar to components included with the system, showing the drill bit and various screws.

3. SETUP INSTRUCTIONS

The 8562 X2 Face Frame System is designed for easy integration with most full-size router tables. Follow these general steps for setup:

1. **Unpack Components:** Carefully remove all components from the packaging and verify that all listed parts are present.
2. **Router Table Preparation:** Ensure your router table is clean, stable, and has appropriate T-slots or mounting points for the system's T-tracks.
3. **Install T-Tracks:** Securely attach the two T-tracks to your router table using appropriate fasteners. Ensure they are parallel and properly aligned for smooth operation of the carriages.
4. **Attach Jigs and Carriages:** Mount the jigs and T-track carriages onto the T-tracks. These components will hold your workpieces in place during the routing process.
5. **Adjust for Workpiece:** Adjust the position of the jigs and carriages to accommodate the dimensions of your face frame components. Ensure a snug fit to prevent movement during operation.
6. **Safety Check:** Before operation, double-check all connections and ensure the system is securely mounted to your router table. Always wear appropriate safety gear.



Figure 3.1: A router table insert plate, illustrating the type of surface the system integrates with.

4. OPERATING INSTRUCTIONS

Once the Face Frame System is set up on your router table, you can begin creating precise face frames:

1. **Prepare Workpiece:** Cut your face frame components (stiles and rails) to the desired lengths. Ensure edges are clean and square.
2. **Secure Workpiece:** Place the workpiece into the jigs and secure it firmly using the clamping mechanisms. The system's design ensures the workpiece is held at the correct angle for pocket holes or routing.
3. **Drill Pocket Holes (if applicable):** If creating pocket hole joinery, use the provided drill bit and your drill to create pocket holes according to your project's requirements. The jigs guide the drill for accurate hole placement.
4. **Route Joints (if applicable):** For routed joints, ensure the correct router bit is installed in your router. Carefully guide the workpiece through the router bit, utilizing the system's tracks and jigs to maintain precise

alignment and depth of cut.

- 5. **Assemble Face Frame:** Once all necessary holes are drilled or joints are routed, assemble your face frame components using the provided screws or appropriate joinery techniques. The system helps ensure a tight, flush fit.
- 6. **Repeat:** Continue the process for all face frame components until your project is complete.



Figure 4.1: A digital angle finder being used on wood, emphasizing the precision tools often used in conjunction with woodworking systems.

5. MAINTENANCE

Proper maintenance will ensure the longevity and continued accuracy of your General Tools & Instruments 8562 X2 Face Frame System:

- **Cleaning:** After each use, wipe down all aluminum and metal components with a dry cloth to remove sawdust and debris. For stubborn residue, a damp cloth followed by a dry cloth can be used. Avoid harsh chemicals that may damage the finish.
- **Lubrication:** Periodically apply a light coat of dry lubricant to the T-tracks and carriage mechanisms to ensure smooth movement.
- **Inspection:** Regularly inspect all screws, clamps, and fasteners for tightness. Tighten any loose components to maintain system rigidity and accuracy.
- **Storage:** Store the system in a clean, dry environment to prevent corrosion and damage. If disassembling for storage, keep all components together to avoid loss.

6. TROUBLESHOOTING

If you encounter issues while using the 8562 X2 Face Frame System, consider the following:

- **Inaccurate Cuts:**
 - Ensure the system is securely mounted to your router table and all clamps are tightened.
 - Verify that the workpiece is firmly seated in the jigs and not shifting during operation.
 - Check your router bit for sharpness and proper installation.
- **Difficulty Moving Carriages:**
 - Clean the T-tracks and carriages to remove any accumulated sawdust or debris.
 - Apply a light, dry lubricant to the T-tracks.
 - Ensure the T-tracks are parallel and free from obstruction.
- **Loose Components:**
 - Regularly check and tighten all screws and fasteners on the system.

7. SPECIFICATIONS

Specification	Detail
Manufacturer	General Tools

Specification	Detail
Part Number	8562
Material	Aircraft Aluminum
Power Source Type	Corded Electric <i>(for associated tools, not the jig itself)</i>
Quantity per Package	1
Number of Products	1
Batteries Included?	No
Battery Operated?	No
Length	5.75 inches
Width	7.75 inches
Height	20.88 inches
Product Dimensions	14.61 x 19.69 x 53.04 cm; 353.8 g
ASIN	B00LEFQFCC
EAN	0038728021953
Package Dimensions	53.8 x 22.4 x 18 cm
Available for Purchase Since	June 30, 2014
Customer Reviews	4.6 out of 5 stars (3 ratings)

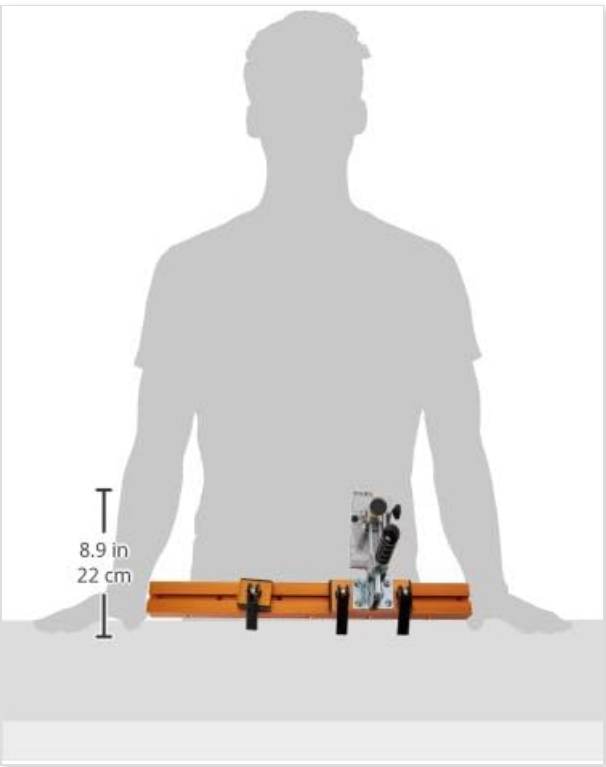


Figure 7.1: Diagram illustrating the product's dimensions, showing a height of 8.9 inches (22 cm).

8. WARRANTY AND SUPPORT

Information regarding the specific warranty terms and customer support for the General Tools & Instruments 8562 X2 Face Frame System was not available in the provided product data. For warranty details or technical assistance, please refer to the official General Tools website or contact their customer service directly.

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