

[Manuals.plus](#) /

> [RUBI](#) /

> RUBI Slim Easy Trans Plus Large Format Parts Handling Tool User Manual

RUBI 18976

RUBI Slim Easy Trans Plus Large Format Parts Handling Tool

Model: 18976

INTRODUCTION

The RUBI Slim Easy Trans Plus is a specialized tool designed for the safe and efficient handling of large format materials, such as ceramic tiles and slabs. It features a robust aluminum guide system with multiple vacuum suction cups, ensuring secure grip and easy maneuverability of heavy and oversized pieces. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Slim Easy Trans Plus.



Figure 1: The RUBI Slim Easy Trans Plus, showing the two aluminum guides, six vacuum suction cups, and two ergonomic handles.

SAFETY INFORMATION

Always prioritize safety when using the RUBI Slim Easy Trans Plus. Failure to follow safety guidelines can result in injury or damage to materials.

- **Maximum Load Capacity:** Do not exceed the maximum load capacity of 80 kg (176 lbs). Overloading can lead to loss of suction and material drop.
- **Inspect Before Use:** Before each use, inspect all components, especially the suction cups, for any signs of wear, damage, or debris. Ensure suction cups are clean and free of dust or particles.
- **Secure Suction:** Always ensure all suction cups are firmly attached and have achieved full vacuum before

attempting to lift or move any material. Test the grip by gently pulling on the handles.

- **Team Lift:** For large or heavy materials, always use the tool with at least two operators to ensure balanced lifting and control.
- **Stable Surface:** Ensure the material surface is clean, dry, and non-porous for optimal suction.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, including safety gloves and safety footwear, when handling large format materials.

COMPONENTS LIST

The RUBI Slim Easy Trans Plus includes the following components:

1. 2 x Retractable and adjustable aluminum guides (170 cm to 320 cm)
2. 6 x Vacuum suction cups (Ø 20 cm, Ref. 18827)
3. 2 x Soft-grip handles



Figure 2: All components of the Slim Easy Trans Plus laid out, including guides, suction cups, and handles.

SETUP AND ASSEMBLY

Follow these steps to assemble and prepare your Slim Easy Trans Plus for use:

1. Attach Suction Cups to Guides:

Slide the base of each vacuum suction cup into the top groove of the aluminum guides. The suction cups can be positioned at multiple points along the guide to accommodate different material sizes and shapes. Secure them by tightening the red knobs on the suction cup assembly.



Figure 3: Suction cup attachment to the guide rail.

2. Attach Handles to Guides:

Insert the soft-grip handles into the ends of the aluminum guides. The handles can also slide and be removed through the top groove, allowing for flexible positioning based on the material and lifting requirements. Secure them with their respective red knobs.



Figure 4: Handle attachment to the guide rail.

3. Adjust Guide Length:

The aluminum guides are retractable and adjustable from 170 cm (67 inches) to 320 cm (126 inches). Adjust the length of the guides to match the dimensions of the material you intend to lift, ensuring adequate support and stability. Lock the guides at the desired length using the locking mechanisms.



Figure 5: Assembled guides with suction cups and handles, ready for use.

4. Position Suction Cups:

Arrange the six vacuum suction cups along the guides to distribute the weight evenly across the material. For optimal grip and stability, the recommended distance between handles is 700 mm (27.5 inches). Ensure suction cups are placed on a clean, flat, and non-porous section of the material.



Figure 6: Top view of the assembled tool, illustrating suction cup placement.

OPERATION

Proper operation of the Slim Easy Trans Plus ensures safe and efficient handling of large format materials.

1. Prepare the Material:

Ensure the surface of the material to be lifted is clean, dry, and free of dust, debris, or oils. Any contaminants can compromise the suction cup's grip.

2. Apply Suction Cups:

Place the assembled Slim Easy Trans Plus onto the material. Press each suction cup firmly onto the surface and engage the vacuum lever until the red line on the pump plunger disappears, indicating full vacuum. Repeat for all six suction cups.

3. Verify Suction:

Before lifting, gently pull on the handles to confirm that all suction cups are securely attached and the material is firmly gripped. If any suction cup loses vacuum (red line reappears), re-pump it until the red line is no longer visible.

4. Lifting and Transporting:

With two operators, one at each end of the tool, lift the material slowly and steadily. Maintain a balanced grip and coordinate movements to prevent tilting or dropping. The tool is designed for parts up to 3.2 meters (10.5 feet) in length.



Figure 7: Two operators lifting a large slab using the Slim Easy Trans Plus.

5. Positioning and Setting Down:

Carefully position the material over its intended location. Lower the material slowly and evenly. Once the material is in place, release the vacuum on each suction cup by pressing the release button or lever, then gently remove the tool.

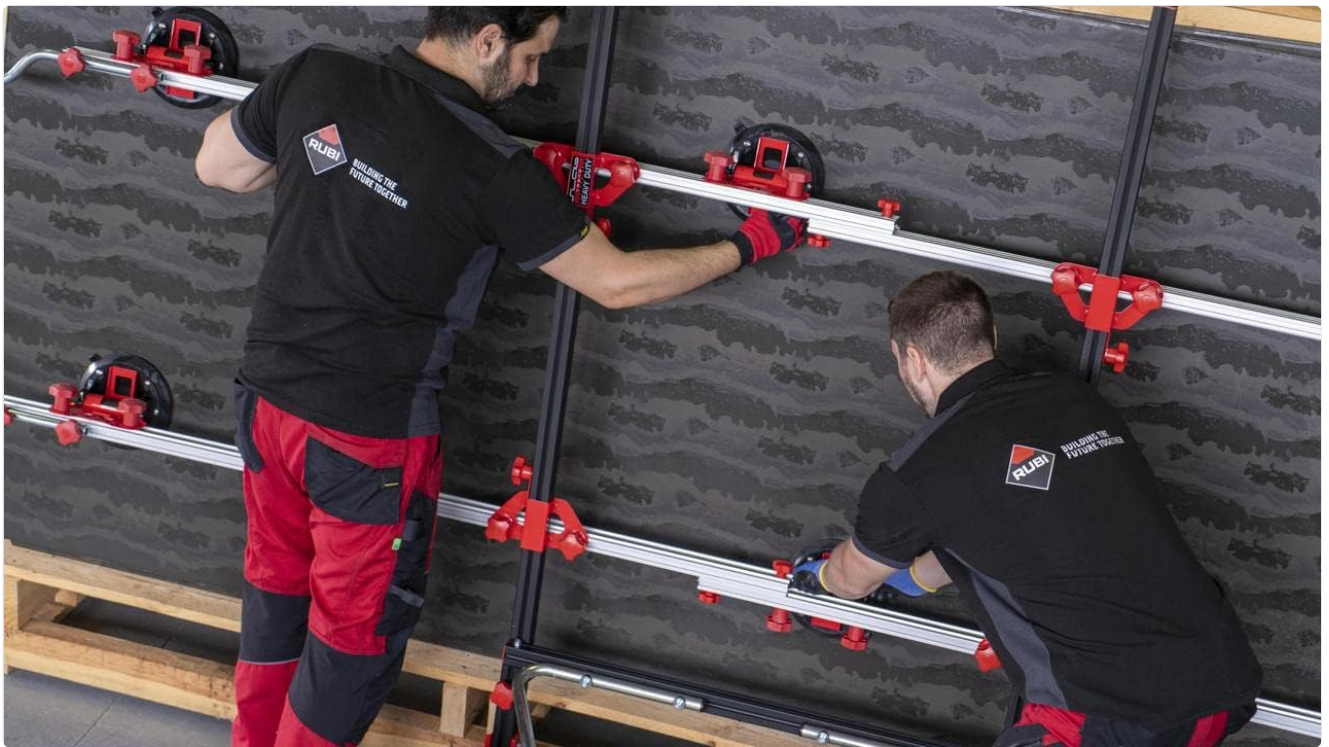


Figure 8: Operators positioning a large slab with the tool.

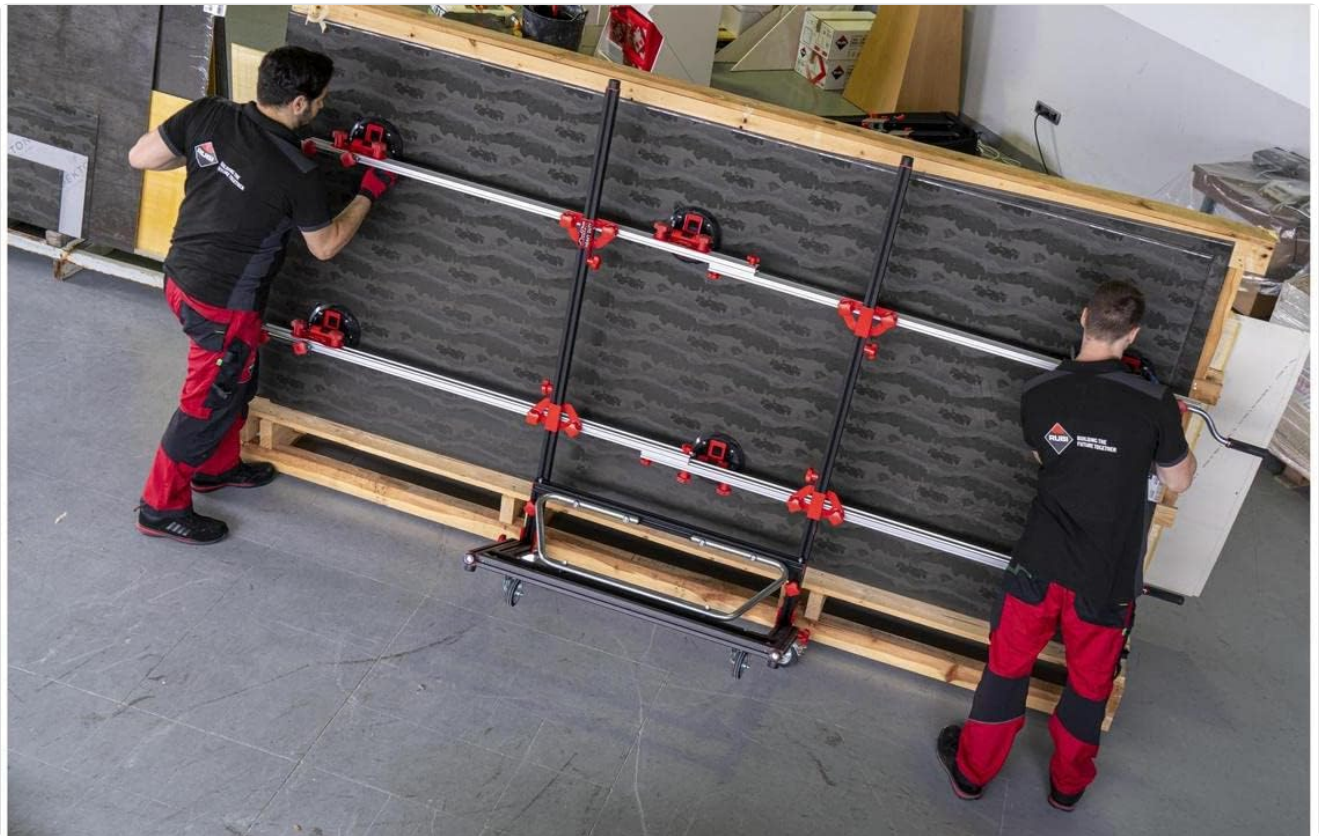


Figure 9: The tool in use for horizontal handling of a large slab.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Slim Easy Trans Plus.

- **Clean Suction Cups:** After each use, clean the rubber pads of the suction cups with a damp cloth to remove any dust, dirt, or residue. Ensure they are completely dry before storage. Do not use abrasive cleaners or solvents.
- **Inspect Components:** Periodically inspect the aluminum guides, handles, and suction cup mechanisms for any signs of damage, bending, or excessive wear. Replace any damaged parts immediately.

- **Lubrication:** Lightly lubricate moving parts of the suction cup mechanism if they become stiff, using a silicone-based lubricant. Avoid getting lubricant on the rubber suction pads.
- **Storage:** Store the Slim Easy Trans Plus in a clean, dry place, away from direct sunlight and extreme temperatures. Store suction cups with the protective covers on (if available) or with the vacuum released to prevent deformation of the rubber pads.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Suction cup does not hold vacuum or red line reappears quickly.	Dirty or damaged rubber pad.	Clean the rubber pad thoroughly. Inspect for cuts or tears; replace if damaged.
	Porous or uneven material surface.	Ensure material surface is clean, dry, and non-porous.
	Insufficient pumping.	Pump until the red line completely disappears.
	Air leak in the pump mechanism.	Contact customer support for pump mechanism issues.
Difficulty sliding suction cups or handles along guides.	Debris in the guide groove. Tightened knobs.	Clean the guide grooves. Ensure knobs are loosened sufficiently for movement.
Guides do not extend or retract smoothly.	Dirt or obstruction in the telescopic mechanism. Bent guide section.	Clean the telescopic sections. Inspect for damage; if bent, contact customer support for replacement.

SPECIFICATIONS

Model Number	18976
Brand	RUBI
Item Weight	22 pounds (approx. 10 kg)
Product Dimensions (Packaged)	19.69 x 19.69 x 11.02 inches (approx. 50 x 50 x 28 cm)
Material	Aluminium (guides), Rubber (suction cups)
Power Source	Hand Powered
Maximum Load Capacity	80 kg (176 lbs)
Adjustable Guide Length	170 cm to 320 cm (67 inches to 126 inches)
Suction Cup Diameter	20 cm (7.87 inches)
Optimal Grip Distance (between handles)	700 mm (27.5 inches)
Suitable for Parts Up To	3.2 meters (10.5 feet)

WARRANTY AND SUPPORT

RUBI products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to

the warranty card included with your product or visit the official RUBI website.

For technical assistance, spare parts, or any other inquiries, please contact RUBI customer support through their official website or the contact information provided in your product packaging. When contacting support, please have your product model number (18976) and purchase details ready.

Official Website: www.rubi.com