

PORTAMill™

THE BUTT JOINT TOOL

GRABBER
CONSTRUCTION PRODUCTS

"The Professional's Choice"™

PRODUCT INFORMATION



- ▶ **Mills a beveled edge for taping**
- ▶ **Eliminates butt joints**
- ▶ **Delivers a smoother, stronger finish**
- ▶ **Easy, dust-free operation**



Part of the **PANELMax** Panel Fabrication System. Learn more and order at grabberman.com/portamill

Butt joints, be gone

That's the promise of the Grabber PortaMill™ milling tool. Part of Grabber's innovative PanelMax™ System for drywall installation and finishing, PortaMill™ eliminates butt joints and allows a stronger, smoother connection of boards.

With its quick operation and dramatic results, PortaMill™ is a game-changing tool for anyone installing drywall or cement boards.

JOIN THE REVOLUTION, CONQUER BUTT JOINTS WITH PortaMill™

What professionals say about PortaMill™

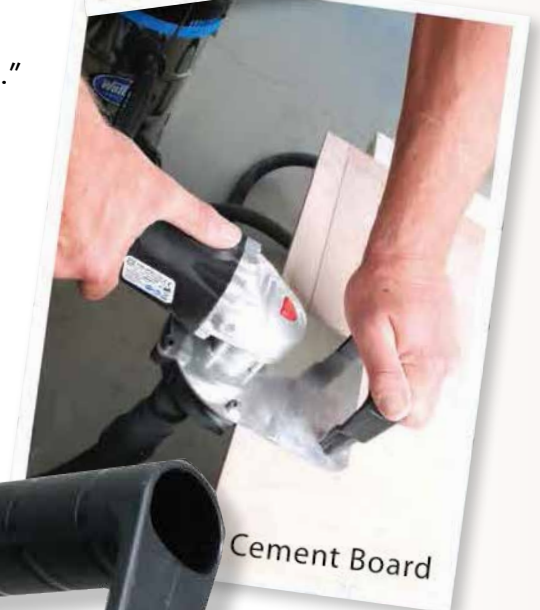
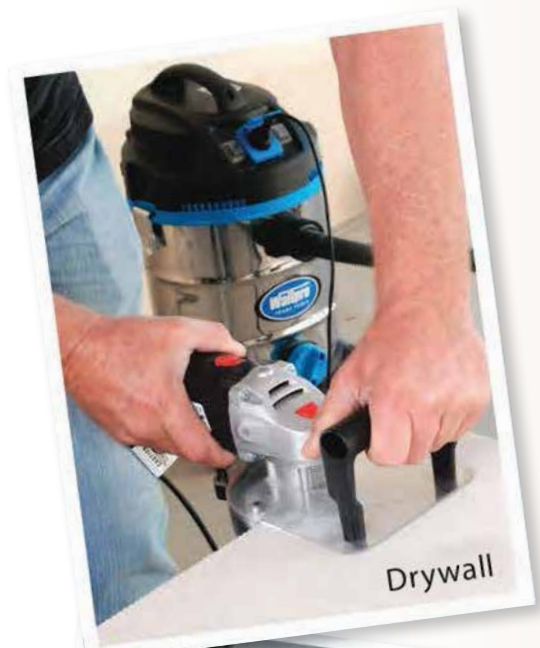
"The tool is simple and easy to use and the results were excellent."

"PortaMill™ is the tool of the future, solving butt joint problems completely."

"I was simply amazed at the performance of the tool and the bonus of no dust floating around. What a breakthrough."

"The time and cost savings were enormous. Our on-site architects were very impressed with the final results."

"The PortaMill™ worked perfectly, it eliminated all the unsightly peaking."

**PORTAMill™**

THE PortaMill™ SOLUTION

A lightweight hand tool, PortaMill™ uses a diamond cutting disc to mill away a thin layer of material along a panel's edge, just beneath the paper surface. The paper is then re-applied with a Grabber adhesive. The process takes just minutes, and allows any side of a panel to have a clean, recessed edge for taping and professional finishing.

Simple Operation

- Ready to use out of the box
- Lightweight and easy to manage
- One blade for all applications
- Dust free with vacuum attachment
- Built-in safety switch

A Better Joint

- Perfect seamless joint
- Enables need for less joint compound to be applied to joint
- Strengthens the butt joint area

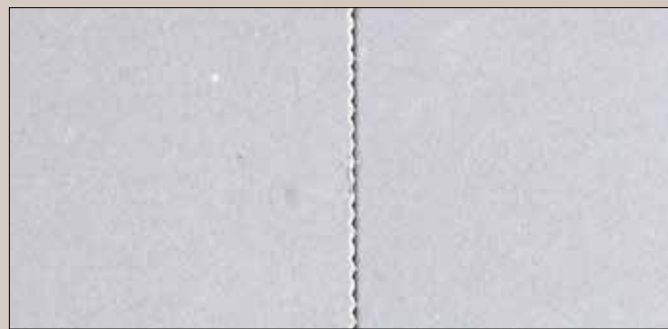
An Outstanding Finish

- Eliminates peaking where the drywall sheets meet
- Reduces the risk of cracking
- Very minimal glancing light

A BETTER FINISH THAN BUTT JOINTS

Traditionally, joining unfinished edges of drywall or cement boards requires a butt joint where two rough ends are taped and layered with plaster. With this method, even the best installations can leave telltale bulges, cracking, or faults revealed by glancing light.

- No raised seam to tape over
- Tape lays flat in shallow channel
- Less joint compound required
- Joint is smoother and stronger



A typical butt joint in drywall (above)



The butt joint after using the PortaMill™ (above)



MAJOR BENEFITS USING PortaMill™

Better Panel Results

By taking advantage of the beveled edges created by PortaMill, you can create a stronger, seamless joint in drywall and other panels. There's no peaking where joint compound has been layered over a butt joint; the resulting finish is practically invisible and ideal for long runs of panels or tricky structural installations.

- Use with both drywall and cement board
- Cut boards to size and then bevel with PortaMill™
- Mill on any edge of the board
- Get a better finish on soffits and fabricated structures

Use Less Time and Material

Recessing board edges with PortaMill™ is simple and fast. Milling takes just minutes and can happen right on site. Not only will you use less joint compound, you can mill and re-apply the paper faster than it takes to mud a standard butt joint.

A Clean, Dust-free Solution

PortaMill™ is attached to a professional shop-grade vacuum to draw in the dust created during milling. There's no need to wear a mask and no cleanup after. Grabber offers a powerful HEPA-filter PanelMax™ Vacuum to accompany PortaMill™, or universal attachments are available to connect to a conventional vacuum system. PortaMill™ may be used for most any panel application that requires butt joints.

USES

PortaMill™ has been successfully used on a number of materials and is safe for use with:



Drywall



Cement board



THE PortaMill™ TOOL



Specifications	Power Supply
Rated voltage	120V~
Frequency	60Hz
Input power	7.5A
Tool class	II
Rated speed	12000/min
Rated capacity	Ø110 diamond wheels
Spindle thread size	M10
Thickness of diamond wheel	5/64" (1.8mm)

PortaMill™



120V~, 60Hz, 7.5A, Ø110mm
M14, n: 12000/min

Conforms to UL Std. 60745-1
Certified to CAN/CSA Std. C22.2 No. 60745-1
Date of manufacture: 05/2013

Intertek
3131297

PATENTED AND CERTIFIED TECHNOLOGY

Australia innovation patent certified
International patent pending (USA and Canada)

HOW TO USE PortaMill™

Instructions

1. Secure board on a flat, even surface
2. Attach vacuum hose to exhaust, turn vacuum on
3. Hold the grip handle and turn the tool on
4. Rest the edge of flat guide plate on edge of sheet
5. Push the blade fully into material, under the paper covering
6. Guide the tool along the length of sheet. Two runs are recommended for cement board.
7. Lift paper to apply adhesive
8. Use finishing tool to firmly re-apply paper to sheet edge

HELPFUL HINTS

For drywall

- Keep drywall on a flat, even surface while re-adhering paper
- Drywall may be hung immediately after milling and re-adhering paper
- If fastening through the recessed area, allow adhesive to dry for 1-2 hours
- Ensure the paper is firmly adhered to the recessed area before joint compound
- If adhesive dries too quickly when working in hot temperatures, brush water over the dry plaster before applying adhesive

For cement board

- Two passes are recommended for milling cement boards
- Do not press down too hard on the first pass of milling
- Apply a little extra pressure on the second pass to achieve required recess depth
- Follow drywall hints for re-adhering paper to board
- Replace the blade more frequently when working with cement board



1. Attach PortaMill to vacuum and turn tool on



2. Hold PortaMill firmly, allowing blade to cut beneath paper surface



3. Lift paper above the recessed area



4. Apply Grabber adhesive and press down paper using finishing tool



5. Allow adhesive to fully dry before fastening or plastering recessed area



THE GRABBER PanelMax™ SYSTEM

PortaMill™ is part of the Grabber PanelMax™ System, a family of solutions that delivers greater efficiency, quality, and creativity for drywall and other board installations. You'll get better results—and gain a competitive advantage—using PanelMax™, PortaMill™, Grabber Hang-Tite Adhesive, PanelMax Primer-less Fabrication Glue, the PanelMax™ Vacuum, and a range of accessories and replacement blades.

Accessories Included with PortaMill™

1. **Finishing tool (included)**
Used to finish the relief edge after Grabber Hang-Tite spray adhesive has been applied. Running the finishing tool along the recessed area ensures a perfect, bubble-free finish.
2. **Chuck (included)**
Releases the diamond cutting disc for replacement.
3. **Allen key (included)**
Removes the vacuum cover for cleaning and replacement of the diamond cutting disc.
4. **Vacuum attachment (included)**
If not using a Grabber PanelMax Vacuum, the adapter attachment fits most commercial vacuum hoses.
5. **Diamond cutting wheel - 110mm**
(replacements sold separately)
Mills the shallow recess in drywall and cement sheet products. Easily replaced when it becomes worn over time.



OTHER PanelMax™ PRODUCTS

Grabber Hang-Tite Adhesive

A spray-on adhesive specially formulated for drywall products. Dries quickly.

PanelMax™ Vacuum

A powerful HEPA-filter shop vac designed for dust-free operation with PortaMill™.

PanelMax™ Fabrication Tool

A proprietary technology that allows incredible fabrication opportunities in drywall with precision laser cutting.

PanelMax Primer-less Fabrication Glue

A strong, primer-less adhesive ideal for use in PanelMax™ fabrication applications.



FAQs

Q: What surfaces can PortaMill™ Power Tool Be used on?

A: Drywall, fiber cement sheathing, and multiboard

Q: Do I need to have a different blade for each surface?

A: No, the diamond blade is appropriate for all surfaces.

Q: How many reliefs can be cut using one blade?

A: Approximately 3,000 linear feet (900 meters) on drywall, and 400 linear feet (120 meters) on cement sheathing.

Q: How long does it take to do a relief?

A: It takes about one minute to mill and glue a standard size drywall board.

Q: What happens if I tear the paper?

A: Glue down as normal with the finishing tool, it will not affect the final finish.

Q: What type of glue is used?

A: We recommend Grabber Hang-Tite Adhesive which is specially formulated for drywall.

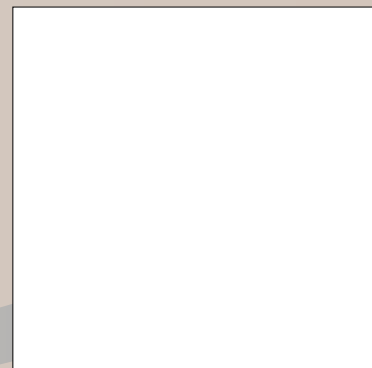
Q: How long before a sheet can be hung?

A: Sheets can be hung immediately, but do not fasten through the recessed area for two hours.

Q: How easily can I trowel the relief?

A: A PortaMill™ joint is finished just like the recessed edges on a standard drywall panel.

WATCH IT
OPERATING



PORTAMill™



GRABBER®
CONSTRUCTION PRODUCTS

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