



VACUUM PAD

IMPORTANT SAFETY INSTRUCTIONS

AWARNING READ ALL SAFETY WARNINGS, INSTRUCTIONS, ILLUSTRATIONS AND SPECIFICATIONS PROVIDED WITH THIS TOOL. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. **SAVE THESE INSTRUCTIONS - THIS OPERATOR'S MANUAL CONTAINS IMPORTANT SAFETY AND OPERATING INSTRUCTIONS.**

- When securing the drill stand with a vacuum pad to the workpiece, install the pad on a smooth, clean, non-porous surface. Do not secure to laminated surfaces such as tiles and composite coating. If the workpiece is not smooth, flat or well affixed, the pad may pull away from the workpiece.
- Ensure there is sufficient vacuum before and during drilling. If the vacuum is insufficient, the pad may release from the workpiece.
- Never perform drilling with the machine secured by the vacuum pad only, except when drilling downwards. If the vacuum is lost, the pad will release from the workpiece.
- Always use expansion-type anchor to hold stand on cracked, uneven, porous, or vertical surfaces.
- Do not use vacuum base when drilling core greater than 355 mm (14") diameter.
- Always use common sense and be cautious when using tools. It is not possible to anticipate every situation that could result in a dangerous outcome. Do not use this tool if you do not understand these operating instructions or you feel the work is beyond your capability; contact MILWAUKEE® Tool or a trained professional for additional information or training.
- Maintain labels and nameplates. These carry important information. If unreadable or missing, contact a MILWAUKEE® service facility for a replacement.

SYMBOLGY



Read operator's manual

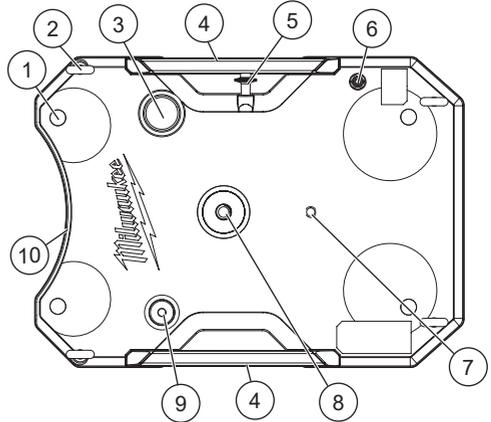


Always wear eye protection. Use appropriate hearing and respiratory protection.

SPECIFICATIONS

Cat. No.	
Vacuum pad.....	3314
Stand compatibility	MXF DR350
Minimum vacuum pressure	20" Hg (9.8 psi)
Maximum bit capacity	355 mm (14")

FUNCTIONAL DESCRIPTION



- | | |
|---------------------------|-------------------------------|
| 1. Eye bolt seats (4) | 6. Vacuum pump quick-connect |
| 2. Eye bolt (4) | 7. Alignment pin |
| 3. Vacuum pressure gauge | 8. Anchor |
| 4. Handle | 9. Bubble level |
| 5. Pressure release valve | 10. Gasket (bottom/underside) |

ASSEMBLY

AWARNING Only use accessories specifically recommended for this tool. Others may be hazardous.

Fastening the Vacuum Pad to the Drill Stand

- Make sure the vacuum pad, pump, drill stand, and drill are securely mounted before operation.
1. Remove battery from "MX FUEL™ Battery storage holder" before mounting stand.
 2. Loosen the eye bolts (4) until they are flush with the drill stand.
 3. Place the drill stand on the vacuum base plate.
 4. Tighten the main anchor bolt located in the centre of the vacuum base plate with the supplied nut.
 5. Tighten eye bolts on all corners of the vacuum base plate. Make sure eye bolts are seated properly and tight.

Assembling and Using a Vacuum System (Optional) For Horizontal (Floor) Coring

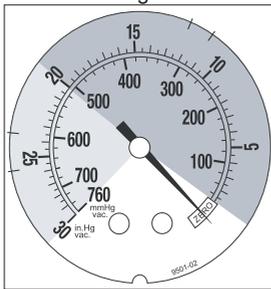
WARNING To reduce the risk of injury always use an expansion-type anchor during vertical coring. Vacuum systems can slip when used on a vertical surface.

When securing the stand to the workpiece with a vacuum pump, install the stand on a smooth, clean, nonporous surface, such as poured concrete. Do not secure to laminated surfaces such as tiles and composite coating. If the workpiece is not smooth, flat, or well affixed, the gaskets may pull away from the workpiece, causing the stand to move. If the surface is too porous or rough, the vacuum may not hold securely or create a full seal.

Before using the vacuum:

- Always check the gaskets on the underside of the base for wear, cracks or tears. Immediately replace worn or damaged gaskets. To replace the gaskets, see "Replacing Vacuum Gaskets" in the "Maintenance" section.
 - Make sure the gauge is at zero.
1. Raise by rotating the (4) eye bolts until the ends are above the bottom surface of the base.
 2. Extend the centre pointer and align it with the centre of the hole to be drilled.
 3. Set the vacuum pump off to the side on a dry surface away from the stand.
 4. Connect the vacuum hose to the vacuum coupler on the stand base, as recommended by the vacuum manufacturer.
 5. Plug in the vacuum pump and turn it on.
 6. Step/push down on the centre of the base until it lowers and adheres to the work surface. If the stand does not seal, check the vacuum release pin to make sure there is no leakage around it.

7. Continue to monitor the vacuum seal. The vacuum gage is used to ensure vacuum pressure is sufficient to hold stand in place. The vacuum gauge must read a minimum of 20" Hg (green zone), indicating there is sufficient vacuum pressure to sustain drilling. If the pointer is in the red zone (0" - 20" Hg) there is insufficient vacuum pressure.



WARNING To reduce the risk of injury **DO NOT CORE** if the gauge reads less than 20" Hg.

8. Once the vacuum gauge reads 20" - 30" Hg, lower by rotating the four (4) eye bolts to level the stand using the level gauge located in the stand's base.

WARNING Over-rotating the eye bolts can lift the gasket off the ground and release the vacuum. After leveling, check the vacuum gauge again.

9. To **release** the vacuum seal, turn off the vacuum pump and pull out the vacuum release pin.

WARNING To reduce the risk of injury always secure the stand to the work surface to help prevent personal injury and to protect the stand. An unsecured stand could rotate during coring and possibly cause injury. Never rely on the shoring pin alone for securing.

WARRANTY - AUSTRALIA and NEW ZEALAND

Please refer to Australian and New Zealand warranty supplied with tool. This warranty applies only to product sold by authorised dealers in Australia and New Zealand.

SERVICE - AUSTRALIA and NEW ZEALAND

MILWAUKEE® prides itself in producing a premium quality product that is Nothing But Heavy Duty™. Your satisfaction with our products is very important to us! If you encounter any problems with the operation of this tool, please contact your authorised **MILWAUKEE®** dealer.

For a list of **MILWAUKEE®** dealers, guarantee or service agents please contact **MILWAUKEE®** Customer Service or visit our website.

(Australia Toll Free Telephone Number 1300 645 928)

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or visit milwaukeetool.com.au/milwaukeetool.co.nz.

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