

“Let us be an asset to your business”

WATER MANAGEMENT SYSTEM SAFETY SHEET

(Hilti DD-WMS 100)



PERSONAL PROTECTION EQUIPMENT (PPE)



IMPORTANT - CONDUCT A RISK ASSESSMENT

Before you commence any work at your chosen work area, you should undertake some preliminary hazard identification and risk control precautions. Ideally more than one person should do this. This is undertaken by:

1. Physically inspecting the work site
2. Reviewing the best way/job steps required to complete the task
3. Reviewing the Safe Work Information supplied with the equipment
4. Reviewing other reference documentation and expert advice.

The hazard identification and control process steps are defined as:

1. Identify the Hazards (eg. 240V power drill use around wet areas)
2. Assess the Risk (multi earth paths - possible electrocution)
3. Select the Control Measure (e.g. dry the area; use an RCD; use a cordless drill etc)
4. Re-assess the Risk (risk of electrocution now negligible). This is undertaken to ensure that the risk control measures adopted have not introduced any new risks to the work area.

SAFETY INFORMATION

- The user and any other persons in the vicinity must wear suitable eye protection, a hard hat, ear protection, protective gloves, safety footwear and breathing protection while the appliance is in use or while maintenance work on it is being carried out.
- Engage the wheel brakes so that the appliance stands securely. If the wheel brakes are disengaged the appliance may run away out of control.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of a vacuum cleaner can reduce dust-related hazards.
- Before beginning work with the appliance, the operating personnel must be informed about how to operate it correctly and about any hazards associated with the materials it will be picking up and how these materials can be disposed of safely.
- Use of the appliance for cleaning down persons or animals is not permissible.
- Do not use the appliance for continuous, stationary operation in automatic or semi-automatic systems.
- Do not stand on top of the appliance (do not use it as a substitute for a ladder). Do not use the appliance under water.
- Do not use the appliance to pick up flammable or explosive dusts (magnesium or aluminum dust etc.) or dusts that present a health hazard. Do not use the appliance to pick up materials with a temperature of over 60 °C (e.g. glowing cigarettes, hot ash).
- Do not use the appliance to pick up flammable, explosive or aggressive liquids (coolants and lubricants, gasoline, solvents, acids (pH < 5), alkalis (pH > 12.5), etc.).
- Switch the appliance off immediately if foam or liquids escape from it.
- Wear protective gloves when using the appliance to pick up hot materials up to a temperature of 60 °C.
- When working with mineral drilling slurry, wear protective clothing and avoid skin contact with the slurry (pH > 9: caustic).



**PLEASE READ THIS GUIDE CAREFULLY
BEFORE OPERATING THE EQUIPMENT**

HELP AND SUPPORT

If the unit does not operate correctly or you are unhappy with its performance, return it to Asset Construction Hire for an exchange, or phone for assistance. Do not attempt repairs yourself.

Asset Construction Hire
Phone: 1300 361 383 or email: office@assethire.com.au

OPERATION MANUAL

A PDF of the full Operation Manual is available at:
www.assethire.com.au/manuals-specs-safety-sheets/
and must be read before using the equipment.

BEFORE OPERATING THE EQUIPMENT:

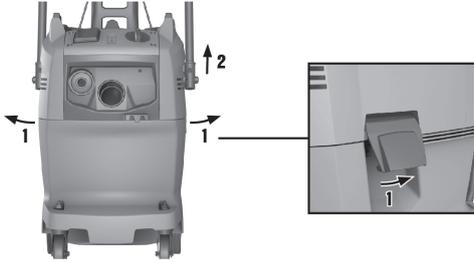
- Read this Safety Sheet and any other information provided with the equipment, including instructions, decals and operation guidelines.
- Check that you understand how and when to use the equipment, and know how to operate it safely.
- Ensure that it is only used according to the manufacturers and hirer's instructions, and only for work that is compatible with its technical limitations.
- Operate in a clear work area free from nonessential persons, children, animals or hazards.
- Ensure that you have a secure footing and clear access and egress to the work area while on the job.
- Do not operate any equipment if you are tired or suffering any medical condition, or if under the influence of drugs or alcohol which may cause lethargy or dangers to yourself or others.
- Do not use faulty equipment. If in doubt contact Asset Construction Hire.
- Avoid contact with alkaline or acidic liquids. If contact accidentally occurs, rinse with water. In the event of the liquid coming into contact with the eyes, rinse the eyes with plenty of water and consult a doctor.
- A Dust Class M appliance is suitable for picking up dry, non-flammable dusts, liquids, wood chips and hazardous dusts with an exposure limit value of 0.1 mg/m³. The appliance must be equipped with a suitable filter corresponding to the hazard classification of the dusts to be picked up.
- Never leave the appliance unattended.
- Do not deactivate the filter cleaning system when picking up hazardous dusts, especially when the appliance is used in conjunction with electric tools that generate dust.
- Protect the appliance from frost.
- Clean the water level limiting device regularly with a brush, in accordance with the instructions, and check it for signs of damage.
- When fitting the top section of the appliance, take care to avoid pinching your fingers or damaging the supply cord. This presents a risk of injury or damage.
- Check the appliance and its accessories for any damage. Guards, safety devices and any slightly damaged parts must be checked carefully to ensure that they function faultlessly and as intended. Check that moving parts function faultlessly, without sticking, and that no parts are damaged. In order to ensure faultless operation of the appliance, all parts must be fitted correctly and must meet the necessary requirements.
- Have the appliance serviced by a qualified repair person using only genuine Hilti spare parts. The safety of the appliance can thus be maintained.
- Always unplug the supply cord from the power outlet when the appliance is not in use (during breaks), before cleaning and maintenance and before changing the filter or accessories. This preventive safety measure reduces the risk of starting the appliance accidentally.
- Never pull the appliance by the supply cord to a new working position. Do not run the wheels of the appliance over the supply cord.
- Do not transport the appliance by crane.
- Close the hose inlet socket with the cap before transporting the appliance and when it is not in use.

WATER MANAGEMENT SYSTEM SAFETY SHEET

(Hilti DD-WMS 100)

BEFORE USE

Filling the water and waste material container:



1. Open the two catches.
2. Remove the filter bag.
3. Fill the water container with water up to the **MAX** mark.



Note

When the "Water level too high" warning lamp lights, the appliance cannot be operated. The water and waste material container must be filled for the "Water supply" and "Recycling" modes.

4. Insert the filter bag.
5. Fit the top section of the appliance onto the water and waste material container.
6. Close the two catches.

Fitting the filter bag:



Note

A filter must be fitted for the **Vacuum cleaner** and **Recycling** modes.



1. Open the two catches.
2. Lift the top section of the appliance away from the water and waste material container.
3. Attach the filter to the filter holder.
4. Fit the top section of the appliance onto the waste material container.
5. Close the two catches.

Connecting the hose set to the diamond coring machine:



1. Connect the suction hose to the suction hose inlet fitting.
2. Connect the water supply hose to the water supply hose outlet fitting.
3. Connect the other end of the suction hose to the water collector of the diamond core drilling machine.

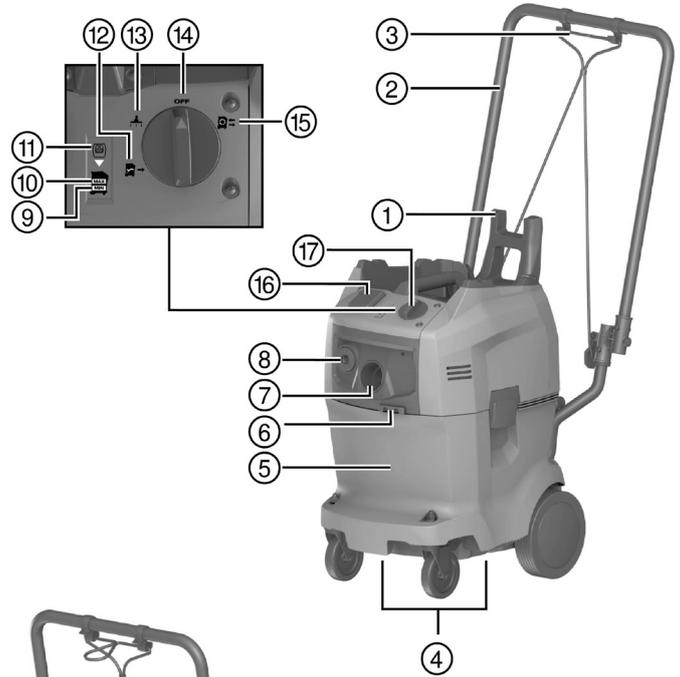


Note

Use the tapered adapter if necessary.

4. Connect the other end of the water supply hose to the diamond core drilling machine.

MAIN COMPONENTS



- | | | | |
|---|-------------------------------------|---|--|
| ① | Toolbox retaining bar | ⑨ | Water and waste material container |
| ② | Handlebar | ⑩ | Hook for the ratchet strap |
| ③ | Ratchet strap | ⑪ | Suction hose inlet fitting |
| ④ | Gripping areas | ⑫ | Water supply hose outlet fitting |
| ⑤ | "Water level too low" warning lamp | ⑬ | Power outlet on the appliance (option) |
| ⑥ | "Water level too high" warning lamp | ⑭ | Control switch |
| ⑦ | "No filter" warning lamp | ⑮ | Grip |
| ⑧ | "Water supply" mode | ⑯ | Top section |
| ⑨ | "Vacuum cleaner" mode | ⑰ | Catch |
| ⑩ | "Off" mode | ⑱ | Supply cord hook |
| ⑪ | "Recycling" mode | | |

BASIC OPERATION

Set the control switch to the desired operating mode.

If the following equipment exists, also take these actions:

Option: Vacuum cleaner mode. Set the control switch to Vacuum mode.

- The water management system is designed to be used only for small vacuum cleaning jobs such as cleaning up the working area. Do not use this appliance in vacuum cleaner mode for system applications in combination with electric tools.

Option: Water supply. Set the control switch to the Water supply position.

- Open the water valve on the diamond core drilling machine.
- The water supply is controlled by the water valve on the diamond core drilling machine.

Option: Recycling

- Set the control switch to the Recycling position.
- Vacuum removal begins.
- Open the water valve on the diamond core drilling machine.
- The water supply is controlled by the water valve on the diamond core drilling machine.