



## Mud Vacuum Cleaner

*Manual (Original)*

*Art.1108 / Model: K-402B*

Rev1



Dear Customer,

Thank you for choosing a device from us. We give you the operating and maintenance instructions to hand, because the full usage of the equipment can only be achieved when this contents is observed carefully. Any use that differs from the guidelines in this manual, may be dangerous and should be avoided, and therefore cannot be the last Warranty void.



Before using the device, please read the safety instructions carefully. Keep these instructions for future reference. If the device is passed on one day, please also pass on this manual too. Please also observe the restrictions in your national provisions in addition to those mentioned in this manual.

Note also the servicing instructions and list of accessories (dust bag, etc.) at the end of the manual.

### Symbol explanation

	Read user manual
	Important notice
	Attention potential hazards
	This unit is equipped with double insulation. Due to its high standard on an additional ground of device waived. A service requires special thoroughness. Only original spare parts should be used if device is defected. If in doubt, consult your dealer. He will give you the necessary contact.

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## Intended Use

The device is suitable for SUCTION of residues such as mud, leaves, etc. from the bottom of a pond or in manmade ponds, as well as wet and dry vacuum cleaner for the home.

Contaminants (algae, leaves and mud), located at the base of ponds accumulate; can be simply removed by this device.

The instrument can also remove and replace algae, which have settled on the rocks, and the banks of the pond or small body of water.

Under no circumstances should the unit be used commercially or industrially or to be used for purposes other than those described.

The device is not suitable for sucking burning matches, glowing ashes, corrosive, flammable or explosive substances, vapours or liquids. This can be hazardous to people!



In addition, under no circumstances should hazardous dust be vacuumed with the device (eg, wood dust).

The manufacturer is not liable for personal injury or property damage caused by improper, incorrect or unreasonable use of the appliance. This applies also for all types of uses that are not listed above.

## Technical Details

Model Description	Combined cleaner, pool, pond cleaner, Wet and dry vacuum cleaner
Container capacity	25 Liter
Engine power	1200 Watt
Voltage	220-240 Volt
Frequency	50-60 Hz
Noise Level	<85dBA
Application radius	ca. 9m
Suction	> 16 kPa

## Safety

- The unit is supplied complete with a mains plug. It requires a single phase power supply of 220-240 VAC 50/60 Hz. Make sure that the power supply with the required voltage of the motor matches. Compare the data with the data on the nameplate of the unit.
- Make sure that the device has an intact residual current device (RCD circuit breaker) with a rated residual current not exceeding 30 mA is supplied
- Unplug the unit before performing maintenance work by unplugging it from the power supply.
- The unit must not be covered. Risk of overheating
- Do not place the unit in premises where flammable liquids or gases stored or used
- If an extension cord is used, it must be as short as possible. Unwind the extension cord fully before using the machine. The extension cord should have a degree of protection IPX4 (splash proof).
- Do not connect other electrical appliances on the same outlet.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person.
- Only use the device if it is not damaged
- For repairs, only use original parts.
- Repairs must be performed by authorized personnel only.
- Never touch the device with wet / wet hands. Once the device outside of the normal suction operations of wet vacuuming, the plug must be removed immediately.
- Keep children, pets and other persons away from the unit during use.
- If you use the unit for an extended period, it must be kept dry.

- This equipment shall not be used by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and / or knowledge, unless you are supervised by a competent person for your safety or have received instruction in how the appliance is operated.
- Children should be supervised to ensure that they do not play with the appliance.
- The device may only be used by people who know the product and have read and understand these instructions before.
- Do not use if you are under the influence of alcohol, drugs or medication.
- Make sure that the vacuum cleaner is not in the water, or falls into the water, because of the possibility of an electric shock. Here is important to be alert on fixed / compacted ground. Sodden grass, etc. is inappropriate and potentially dangerous.
- A minimum distance of 2 m from the pond must be observed when preparing the mud sucker.



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#### THIS MATERIAL MAY NEVER BE VACUUMED

- Petrol
- Paint thinner or fuel oil
- Flammable or toxic substances such as "toner" of photocopiers
- Substances that can develop with the intake air explosive vapors (eg wood dust or chips)
- Acetone
- Still burning embers, coals or similar
- Asbestos or asbestos dust



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#### THE FOLLOWING INFORMATION SHOULD BE OBSERVED

- Avoid placing the unit in close proximity to sensitive organs (Ears, mouth, eyes).
- The device must not be left unattended during operation.
- Not install on premises that are used for storage and use of flammable liquids or gases
- Always pull the plug from the wall outlet when the unit is not used is.
- If an extension cord must be used, they must be as short as possible. Unwind the extension cord fully before using the machine.  
The extension cord should have a degree of protection IPX4 (splash proof).

- Do not connect other electrical appliances on the same outlet.
- Unplug before cleaning, maintenance or replacement of parts off the engine
- Überprüfen Sie in regelmäßigen Abständen, ob das Netzkabel aufgrund von Quetschungen, Rissen oder anderem beschädigt oder unbrauchbar geworden ist.
- Check regularly that has the power cord for wear or damage tracks.
- Take special care that the power cord is not damaged by over-propelled cars.
- The device must not be used when the power cord is not in perfect condition.
- Pull out the power plug, not the power cord
- Strictly prohibited the use of extensions, connectors and adapters that do not conform to current standards.
- Do dip device in water for cleaning.
- So the equipment is in a good state and a long life is guaranteed, it must be protected from sources of heat, humidity, dust and weather.
- The device must not be placed on brackets or bases.
- Never open the engine head, it may cause injury and will void the warranty.
- Do not overload the machine.
- Do not drop to the ground or against obstacles.
- The device may only be used for its intended purpose.
- The equipment has been designed for private household use and may not be used in industry or otherwise.
- If the device should get unusually wet, pull out the power cable.
- Avoid when working with this unit body contact with grounded surfaces such as pipes, radiators, stoves, refrigerators, etc. Do not touch any metal parts during operation but hold it only the insulated handle.
- Repairs or replacements should always be performed by a technician or skilled personnel.
- Never vacuum sharp items.
- Do not allow the vacuum cleaner to excessive heat
- Do not insert objects into the openings of the unit.
- Use only original accessories.
- Get rid of dirt blocked openings before you plug in the device.
- Never work in the water or on wet surfaces, since the possibility of electric shock.
- Chemicals should not be used for cleaning
- Suck no mortar or cement products
- Never pull the cord around sharp edges.
- Unplug the vacuum cleaner after each job and at every break.
- If an extension cord must be used, they must be as short as possible. Unwind the extension cord fully before using the machine.
- Always wear appropriate clothing. Avoid wearing loose clothing or jewellery, as these could be detected by the device. If necessary, protect long hair by a hat.
- Do not get distracted when working with the device



Danger:

Never allow children to play with the packaging film, they could choke on it.



Danger:

Observe the accident prevention regulations VBG 119 of the trade association. When working wear appropriate safety clothing.



Danger:

Injury if safety aspects are ignored.



The float must be tested before use for free movement. If it does not twist, the vacuum will not switch off automatically (with switch off stage - without the automatic).



## Before starting up

Pull the device out of the box by the handle (at the top of the vacuum). Check the equipment for damage. If this is the case, do not use the vacuum cleaner

- Report of any shipping damage that may be discovered when unpacking.
- To prevent transport damage, some accessories are housed in the storage tank. Before using the equipment, all accessories must be removed.





#### Accessories:

Detach the vacuum head and take out all accessories.



1. Filter bag
2. Wheels (4x.)
3. Suction tube (4 pieces)
4. Suction hose with side air control at the grip
5. Suction nozzle
6. Drain hose

 <p>Vacuum in the initial state</p>		 <p>Lift both clamps up and detach head.</p>
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- o Loosen the two retaining catch
- o Detach the head of unit
- o Remove the accessories contained in the unit
- o Replace all parts once done

#### Attachment of the wheels:

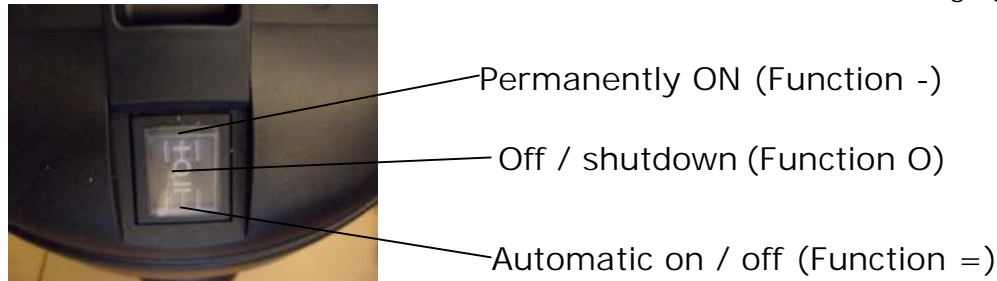


Attach the 4 wheels on the bracket of the bottom of the vacuum. Push in with hand. Do not use tools as it may damage the unit.

The wheels should not be used when the device is being used to vacuum mud because they could get dirty or rust which could result in them not being usable in the future.

Once the tank is full it stops the suction automatically. Now, the tank can be drained.

The vacuum cleaner is switched on via the button shown in the following figure.



The functions are described as follows:

Function - (suitable for wet, dry and mud)

The device works like a "normal" vacuum cleaner and is switched on and off by switching to the middle position (position 0). Once the tank is full it stops the suction automatically. Now you need to turn off the vacuum cleaner and empty the tank. The float must be tested before use for free movement. If it does not twist the sucker does not automatically switch off.

Function = (recommended for mud vacuuming)

## OPERATION mud vacuuming

The particle filter must not be in the unit when vacuuming mud

 <p>Remove the wet filter (2) (IMPORTANT!)</p>	 <p>Correctly attach wet filter. Reattach vacuum head onto the tank</p>	 <p>Apply the supplied drain hose (6)</p>
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 <p>Remove the protective cover</p>	 <p>Important: Pay attention when attaching hose (6) that the end without the rubber insulation is connected to the vacuum cleaner.</p>	 <p>Press the drain hose (6) with a little force into the opening provided at the bottom of the back of the vacuum cleaner.</p>
 <p>At the end with the rubber cap, set the filter bag (1). The incorporated elastic gives enough support.</p>	 <p>Insert the suction hose (4) to the front of the vacuum cleaner with very little force.</p>	 <p>Now you can start to vacuum</p>







## OPERATION wet vacuuming

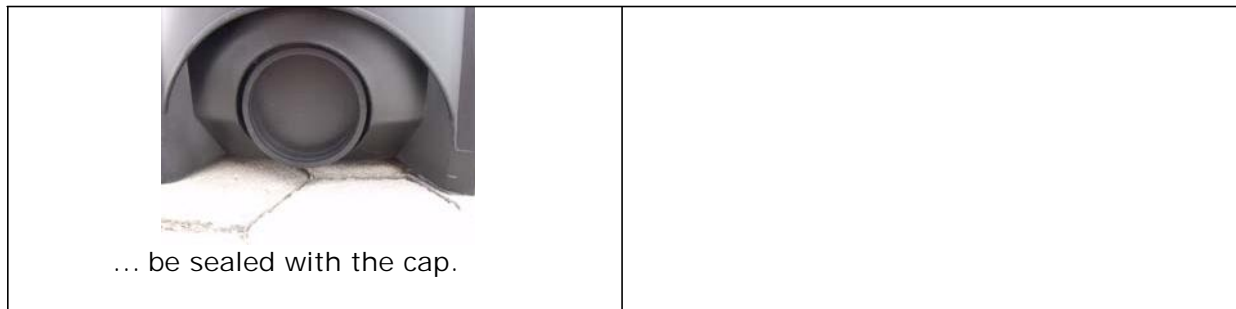
The particle filter must be in the unit when vacuuming wet

 <p>Remove the strainer and replace the wet filter (2). (WARNING VERY IMPORTANT!)</p>	 <p>Correctly attach wet filter.</p>	 <p>The opening at the bottom of the back must...</p>
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 <p>... be sealed with the cap.</p>	 <p>Insert the suction hose (4) to the front of the vacuum cleaner with very little force.</p>	 <p>Now you can attach other parts of the hose for ideal length</p>
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## OPERATION Dry Vacuuming

 <p>Remove the wet filter.</p>	 <p>Insert the dust filter!</p>	 <p>Push in the dust filter on both sides.</p>
 <p>Unfold the dust filter.</p>	 <p>Remove drain hose</p>	 <p>The opening at the bottom of the back must...</p>



The device will be placed close to the pond.



For safety reasons, the device must always be at least 2.0 meters from the edge of the pond.

Wichtig ist, dass das Abflussrohr genau in die Richtung zeigt, in der anschließend der mit dem abgesaugten Schlammwasser vollständig gefüllte Aufnahmebehälter entleert wird (beispielsweise Grünflächen, Unterholz u. a.). Aktivieren Sie den Hauptschalter auf dem Stirnbrett. Die starren Verlängerungsstücke (im Lieferumfang enthalten) werden ins Wasser eingetaucht, bis Sie den Boden des Teiches oder Kleingewässers mit der Düse berühren. Die Düse ist in den Bereich einzusetzen, den Sie reinigen möchten.

#### f OPERATION

The sludge material is drawn continuously, when the cleaner was turned (See "enable sucker")

Upon operation of the switch, the tank is filled. When the tank is full, you can move the switch to "0" and drain the water.

The float inside of the head rises when filling up and closes automatically at the maximum level. The engine keeps running, but the suction falls through the closure of the float switch (the noise can be heard clearly).

Then the vacuum must be switched off.



At the moment, in which you can turn off the vacuum and the vacuuming power decreases and the remaining liquid and the material collected on the drain hose will be drained.

Pull the hose out of the water and lift up the hose so that the rest of the residue flows into the tank.

Turn off the main switch.

The water is recycled or discharged outside the pond.

Before work is resumed, wait until the unit has removed all of the liquid in the tank.

## After vacuuming

After each vacuuming the remnants of dirt and liquids empty the dirt container and clean. A thorough cleaning and drying of the parts and the wet filter is essential.

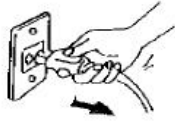


**Caution:**  
Wet dirt and liquids promote the growth of bacteria.

## Maintenance and Cleaning

Keep the following points in mind:

- Pull out the power plug



- Fastening hooks, loosen and lift the motor head



- The float must be kept clean and regularly checked. Should the unit tip over once, check to be sure that the float - which has the task to stop the suction when the tank is completely filled, is not damaged.
- Remove all dirt from the inside of the collector.



- Clean the filter with water.

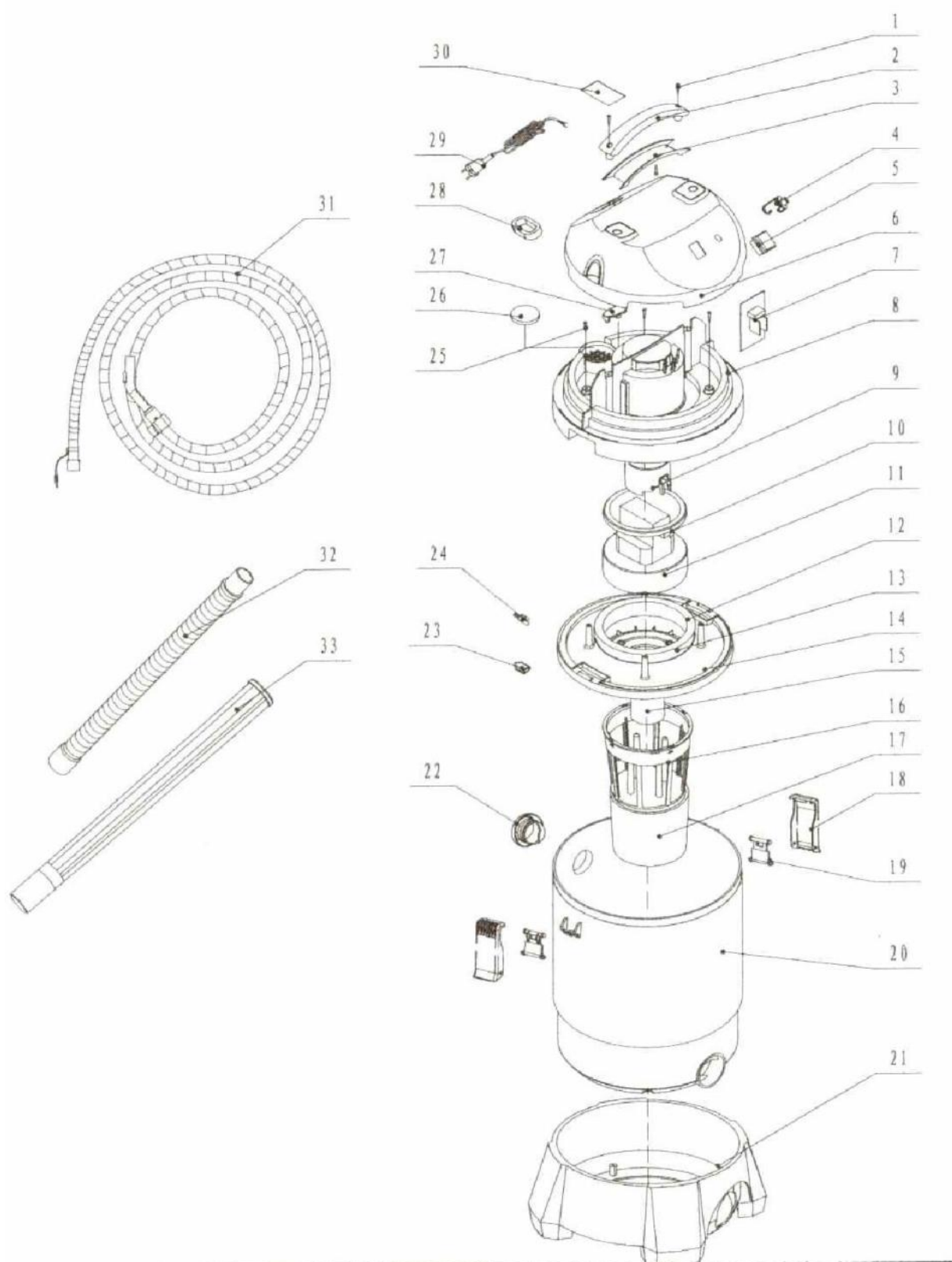


- Clean the suction pipe, the exhaust pipe and the nozzle

## Troubleshooting:

Problem	Possible cause	Repair
The motor doesn't start	No power supply	Check the fuses
		Insert the power plug
	Power plug or cord is damaged	NO FURTHER WORK AND IMMEDIATELY UNPLUG
	Not switched	Switch on
	Automatic operation is active	This is normal to switch position II, the device waits for the final emptying of the tank.
Suction power is weak	opening clogged	clean
	Container not properly closed	Check the locking mechanism
	Vent on the suction hose is open	Close vent
	Filter is dirty	Clean filter
Loud motor noises but no suction power	Tank is full	The vacuum will not turn off automatically in switch position I, but it will stop sucking. Turn off the vacuum manually and empty the tank.

## Detailed Overview



## Service Notes

For more service, more quality products and accessories made by Mauk ® visit our Internet.

There you will find our hotline also a contact form, which you can reach us 24 hours around the clock. Our knowledgeable staff will promptly provide advice and practical help. Leave us your phone number here and a short note of the problem, then we will get in touch with you as soon as possible \*). This service is of course free.

[www.IHP-Direkt.de](http://www.IHP-Direkt.de)

Alternatively you can reach us by phone:

+49 (0)6894 99897-40

Accessories and supplies Simply order online at <a href="http://www.ihp-Direkt.de">www.ihp-Direkt.de</a>	
Coarse filter bag - For use as a coarse dry vacuum cleaner -	Fine dust filter bag (3-pack) - For use as a regular dry
	

Take the electric (or electronic) device at the end of its long life and dispose of it in a environmentally manner.





## EG- Konformitätserklärung

Wir erklären hiermit  
We hereby declare  
Nous, la société  
We uitleggen

C.M.C. Creative Marketing & Consulting GmbH  
Am Weidenberg 7 – 66386 St. Ingbert

dass das folgende Produkt mit den relevanten Sicherheitsnormen und  
Gesundheitsanforderungen der EG-Richtlinien (und deren Änderungen) konform  
ist.

that the following item complies with relevant safety and health regulations of  
the EC directives.

déclarons en toute responsabilité que le produit

Het volgende product voldoet aan de richtsnoeren

Produkt und Modelle  
Item and models  
Produit et modèles  
product, en het model

Teich- Pool-, Naß- und Trockensauger  
Modell: 1108  
(Für Anwendung im Haushalt)

Relevante EG-Richtlinien  
Applicable EC directives  
directives européennes  
Relevante EG-richtlijnen

**2006/95/EG (Niederspannungsrichtlinie)**  
**2004/108/EG (EMV-Richtlinie)**

Angewandte harmonisierte  
Normen  
Applicable harmonized standards  
Normes harmonisées  
Applied harmonisierte Standards

EN 60335-1:02 + A1:04 + A11:04 + A2:06  
EN 60335-2-2:03 + A1:04 + A2:06  
EN 50336:03 + A1:06  
EN 55014-1:00 + A1:01 + A2:02  
EN 55014-2:97 + A1:01  
EN 61000-3-2:00 + A2:05  
EN 61000-3-3:95 + A1:01 + A2:05

St. Ingbert, 07/03/2011  
(Ort & Datum) (Place & date)

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