

# Bäumr-AG



## Dust Collector – BM-DD5

### User Manual

[Revision 1.0 May 2019]

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READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.

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# Safety

Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:



You **WILL** be KILLED or SERIOUSLY INJURED if you do not follow instructions.

It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.

Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.

Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.

- **Before Use** – If you are not familiar with the safe operation/handling of the equipment or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.
- Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases or dust. The equipment may create sparks or heat that may ignite flammable substances.
- Keep clear of moving parts.
- Equipment may be a potential source of electric shock or injury if misused.
- Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.
- Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.
- Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.

## General Work Area Safety

- Work areas should be clean and well lit.
- Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.
- If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.



You **CAN** be KILLED or SERIOUSLY INJURED if you do not follow instructions.

## General Personal Safety

- Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.
- Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.
- Do not use the equipment if tired or under the influence of drugs, alcohol or medication.
- This equipment is not intended for use by persons with reduced physical, sensory or mental capabilities.

## General Fuel Safety

- Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.
- Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.
- Do NOT smoke near fuel or when refuelling.
- Always shut off the engine before refuelling.
- Do NOT refuel a hot engine.
- Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.
- Always refuel in well ventilated areas.
- Always check for fuel leakage. If fuel leakage is found, do not start or run the engine until all leaks are fixed.

## General Carbon-Monoxide Safety

- Using a combustion engine indoors **CAN KILL IN MINUTES**. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.
- Use combustion engines OUTSIDE only, and far away from windows, doors and vents.



You **CAN** be INJURED if you do not follow instructions or equipment damage may occur.

## General Equipment Use and Care

- The equipment is designed for domestic use only.
- Handle the equipment safely and carefully.
- Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.
- Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.
- Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.
- Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.
- Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.
- Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases or liquids etc.
- The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.
- Do not clean equipment with solvents, flammable liquids or harsh abrasives.
- For specific equipment safety use and care, see Equipment Safety.

General Electrical Safety	General Electrical Safety	General Service Information
<ul style="list-style-type: none"> <li>Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.</li> <li>Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.</li> <li>When wiring electrically powered equipment, follow all electrical and safety codes.</li> <li>Wherever possible, use a residual current device (RCD).</li> <li>High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</li> </ul>	<ul style="list-style-type: none"> <li>Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.</li> <li>Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.</li> <li>Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.</li> <li>Do NOT use electrical equipment in wet conditions or in damp locations.</li> <li>Do NOT use electrical cords to lift, move or carry equipment.</li> <li>Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.</li> </ul>	<ul style="list-style-type: none"> <li>The equipment must be serviced or repaired at authorised service centres by qualified personnel only.</li> <li>Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.</li> <li>Do NOT attempt any maintenance or repair work not described in this manual.</li> <li>After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before adjusting, changing accessories or performing repair or maintenance.</li> <li>Do NOT adjust while the equipment is running.</li> <li>Perform service related activities in suitable conditions, such as a workshop.</li> <li>Replace worn, damaged or missing warning/safety labels immediately.</li> </ul>

### Dust Collector Safety

**Carefully read through this entire User Manual before using your new Dust Collector. Take special care to heed the cautions and warnings.**

**Application Conditions:** This dust collector is designed for operating under ambient temperatures between +5°C and 40°C and for installation at altitudes no more than 1000m above MSL. The surrounding humidity should be less than 50% at 40°C. It can be stored or transported under ambient temperatures between -25°C and 55°C.

**Environmental:** Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be resorted, taken to the local recycling centre and disposed of in an environmentally safe way.

#### Understand your Machine

- Read this user manual and labels affixed to the machine to understand its limitations and potential hazards.
- Be thoroughly familiar with the controls and their proper operation. Know how to stop the machine and disengage the controls quickly.
- Do not attempt to operate the machine until you fully understand how to properly operate and maintain the machine and how to avoid accidental injuries and/or property damage.
- If the unit is to be used by someone other than original purchaser or loaned, rented, or sold, always provide this manual and any needed safety training before operation. The user can prevent and is responsible for accidents or injuries that may occur to themselves, other people, and property.
- Do not force the machine. Use the correct machine for your application. The correct machine will do the job more efficiently and safer at the rate it was designed.

#### Personal Safety

- Do not permit children to operate this machine at any time.
- Keep children, pets, and other people not using the unit away from the work area. Be alert and shut off unit if anyone enters work area. Keep children under the watchful care of a responsible adult.
- Do not operate the machine while under the influence of drugs, alcohol, or any medication that could affect your ability to use it properly.
- Dress properly. Wear heavy long pants, boots. Do not wear loose clothing, short pants, or jewellery of any kind. Secure long hair so it is above shoulder level. Keep your hair, clothing, away from moving parts. Loose clothes, jewellery, or long hair can be caught in moving parts.
- Protect eyes, face, and head from objects that may be thrown from the unit. Always wear safety goggles or safety glasses with side shields when operating.
- Wear appropriate hearing protection. Wear respiratory protection to avoid the risk of inhaling harmful dust.
- Always keep hands and feet away from all moving parts during operation. Moving parts can cut or crush body parts.
- Always keep hands and feet away from all pinch points.
- Do not touch parts that might be hot from operation. Allow parts to cool before attempting to maintain, adjust, or service.
- Stay alert, watch what you are doing, and use common sense when operating the machine.
- Do not overreach. Do not operate the machine while barefoot or when wearing sandals or similar lightweight footwear. Wear protective footwear that will protect your feet and improve your footing on slippery surfaces. Keep proper footing and balance at all times. This enables better control of the machine in unexpected situations.

**Inspect your Machine**

- Check your machine before starting it. Keep guards in place and in working order. Make sure all nuts, bolts, etc., are securely tightened.
- Never operate the machine when it is in need of repair or is in poor mechanical condition. Replace damaged, missing, or failed parts before using it. Keep the machine in safe working condition. Regularly check to see that keys and adjusting wrenches are removed from the machine area before starting it. A wrench or a key that is left attached to a rotating part of the machine may result in personal injury. Avoid accidental starting. Be sure the motor switch is off before transporting the machine or performing any maintenance or service on the unit.
- Transporting or performing maintenance or service on a machine with its switch on invites accidents. If the machine should start to vibrate abnormally, stop the motor and check immediately for the cause. Vibration is generally a warning sign of trouble.

**Electric Safety**

- Protect yourself from electric shock. Do not plug or unplug the motor while standing in or around damp or wet ground. Do not use the unit in wet or damp areas or expose it to rain. Prevent body contact with grounded surfaces: pipes, radiators, ranges, and refrigerator enclosures. Make sure your fingers do not touch the plug's metal prongs when plugging or unplugging the unit.
- Avoid inadvertent starting. Make sure that the switch is switched off when plugging the plug into an outlet.
- Only use approved and appropriately identified extension cables for use outdoors. Only use cable reels in the unrolled state.
- Do not use the cable for purposes for which it is not intended. Do not use the cable to pull the plug out of the outlet. Protect the cable from heat, oil and sharp edges.
- Have your electric tool repaired by a qualified electrician. This electric tool conforms to the applicable safety regulations. Repairs may only be performed by an electrician using original spare parts. Otherwise accidents can occur.

**Work Area & Store Area**

- Keep the work area orderly. Disorder in the work area can lead to accidents.
- Take environmental influences into account. Do not expose electric tools to rain. Do not use electric tools in a damp or wet environment. Make sure that the work area is well-illuminated. Do not use electric tools where there is a risk of fire or explosion.
- Securely store unused electric tools. Unused electric tools should be stored in a dry, elevated or closed location out of the reach of children.

**Intended Use: Do not force tool or attachment to do a job for which it was not designed.**

- This dust collector is designed to collect sawdust only.
- Never attempt to use this dust collector to vacuum water or any other liquids.
- Never try to use this dust collector to collect large wood pieces.
- Never attempt to use this dust collector to collect flammable or combustible dust/ gas. Do not use near any flammable or combustible liquids.
- Never attempt to use this dust collector to collect anything that is burning or smoking.
- Do not use outdoors or on wet surfaces. Rain or moisture entering the dust collector motor housing/canister increases the risk of electrical shock.
- Never attempt to use this dust collector to collect metal materials such as screws, nails or other metal parts.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

**Safety Instructions for the Handling of Dust Collector**

- Know your tool. Learn the tool's operation, application and specific limitations.
- Disconnect tool when changing the filter cartridge or filter bag.
- Avoid accidental start-up. Make sure that the tool is in the OFF position before plugging in.
- Do not force tool. It will work most efficiently at the rate for which it was designed
- Leave hands free to operate machine. Protect hands from possible injury
- Never leave tool running unattended. Turn the power off and do not leave tool until it comes to a complete stop.
- Do not overreach. Keep proper footing and balance.
- Never stand on tool. Serious injury could occur if tool is tipped over.
- Keep hands away from moving parts.
- Keep visitors at a safe distance from work area.
- Children must always be supervised in order to ensure that they do not play with the equipment.

**Maintenance and Repair**

- Pull out the mains plug for any adjustment or repair tasks.
- Repairs are to be carried out only by a qualified electrician using original replacement parts or the user may suffer an accident.
- Regularly inspect the filter for damage. Replace damaged filters!
- Check tightness of the casing and of the sealing of filter and filter bag regularly.
- Inspect the power cords for damage on a regular basis. Make sure that during this inspection the power cord is not connected to the mains supply.
- Have damaged switches replaced by a customer service workshop.
- Refit all guards and safety devices immediately after you have completed any repairs or maintenance work.
- Check that the moving parts are in good working order, that they do not jam, and that no parts are damaged.
- Make sure that all parts are fitted correctly and that all other operating conditions are properly fulfilled
- Remove adjusting tools. Form habit of checking to see adjusting tools or accessories are removed before switching tool on.
- Faults on the machine have to be reported to the person in charge as soon as they are discovered.

### **Residual Risks**

The manufacturer shall not be liable for any changes made to the machine nor for any damage resulting from such changes. Even when the machine is used as prescribed it is still impossible to eliminate certain residual risk factors during work.





















- Wear proper apparel. Do not wear loose clothing, gloves, neckties, rings, bracelets or other jewellery which may get caught in moving parts of the tool.
- Wear protective hair covering to contain long hair.
- Wear safety shoes with non-slip soles.
- Wear approved eye protection and respirator when emptying collection canister or changing filter cartridge/bags.
- Be alert and think clearly. Never operate power tools when tired, intoxicated or when taking medications that cause drowsiness.
- There is an electrical hazard when improper electrical connecting cables are being used.
- Furthermore, there might be non-obvious residual risks despite all precautions.















Remaining risks can be minimised by observing the "Safety Instructions" and the "Intended Use" as well as the operating instructions in their entirety.



## Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc., replace them.

 <p><b>Flammable Material Hazard</b> Flammable liquids, gases or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p><b>Read User Manual</b> Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p><b>Use Hand Protection</b> Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p><b>Carbon-Monoxide Hazard</b> Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p><b>Electrocution / Electrical Shock Hazard</b> High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.</p>	 <p><b>Toxic Fumes / Dust Hazard</b> Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.</p>	 <p><b>Explosive Material Hazard</b> Combustible liquids, gases or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p><b>Cutting / Amputation Hazard</b> The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.</p>
 <p><b>Crush Hazard</b> The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p><b>Single Operator Only</b> The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p><b>Use Face Protection</b> Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.</p>	 <p><b>Use Foot Protection</b> Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p><b>Use Eye / Ear / Head Protection</b> Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing and head hazards.</p>	 <p><b>Running Hazard</b> Do not run on or near the product as doing so may present a fall hazard.</p>	 <p><b>Diving Hazard</b> Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p><b>Adult Supervision Required</b> Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p><b>Skin Penetration / Puncture Hazard</b> The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.</p>	 <p><b>Hot Surface Hazard</b> Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p><b>Flying Debris Hazard</b> Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.</p>	 <p><b>Moving Parts Hazard</b> Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.</p>

 <p><b>Carbon-Monoxide Hazard</b> Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p><b>Pull Hazard</b> Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p><b>Slope / Fall Injury Hazard</b> Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.</p>	 <p><b>"Slam Dunk" Warning</b> Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p><b>Electrocution / Electrical Shock Hazard - Outdoor</b> High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp or wet conditions. Electrical shock can be fatal.</p>	 <p><b>Electrocution / Electrical Shock Hazard - Disconnect</b> High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.</p>	 <p><b>Power Line Electrocution Hazard</b> High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</p>	 <p><b>"Kick-Back" Hazard</b> High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p><b>Winch Operator Position Hazard</b> Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p><b>Winch Lift Hazard</b> Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p><b>Cable Hazard</b> Ensure that load bearing cable is not kinked or knotted.</p>	 <p><b>Winch Cable Hazard</b> Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p><b>Winch Hook Hazard</b> Carry hook to load – do NOT throw or run.</p>	 <p><b>Flash / Blinding Hazard</b> Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>	 <p><b>Laser Hazard</b> Laser may be in use – do NOT look directly at laser or allow others to.</p>	

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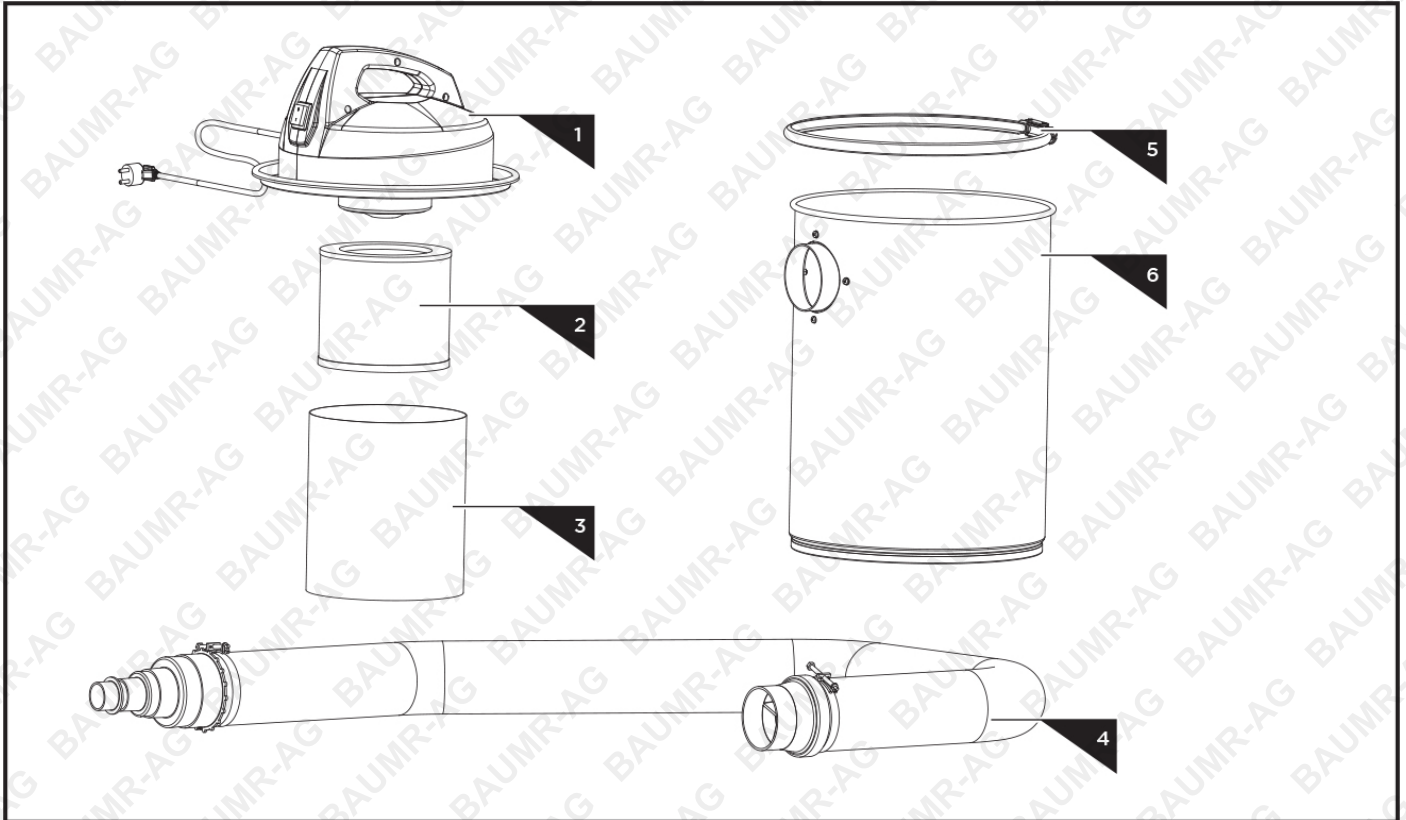
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# Parts Identification

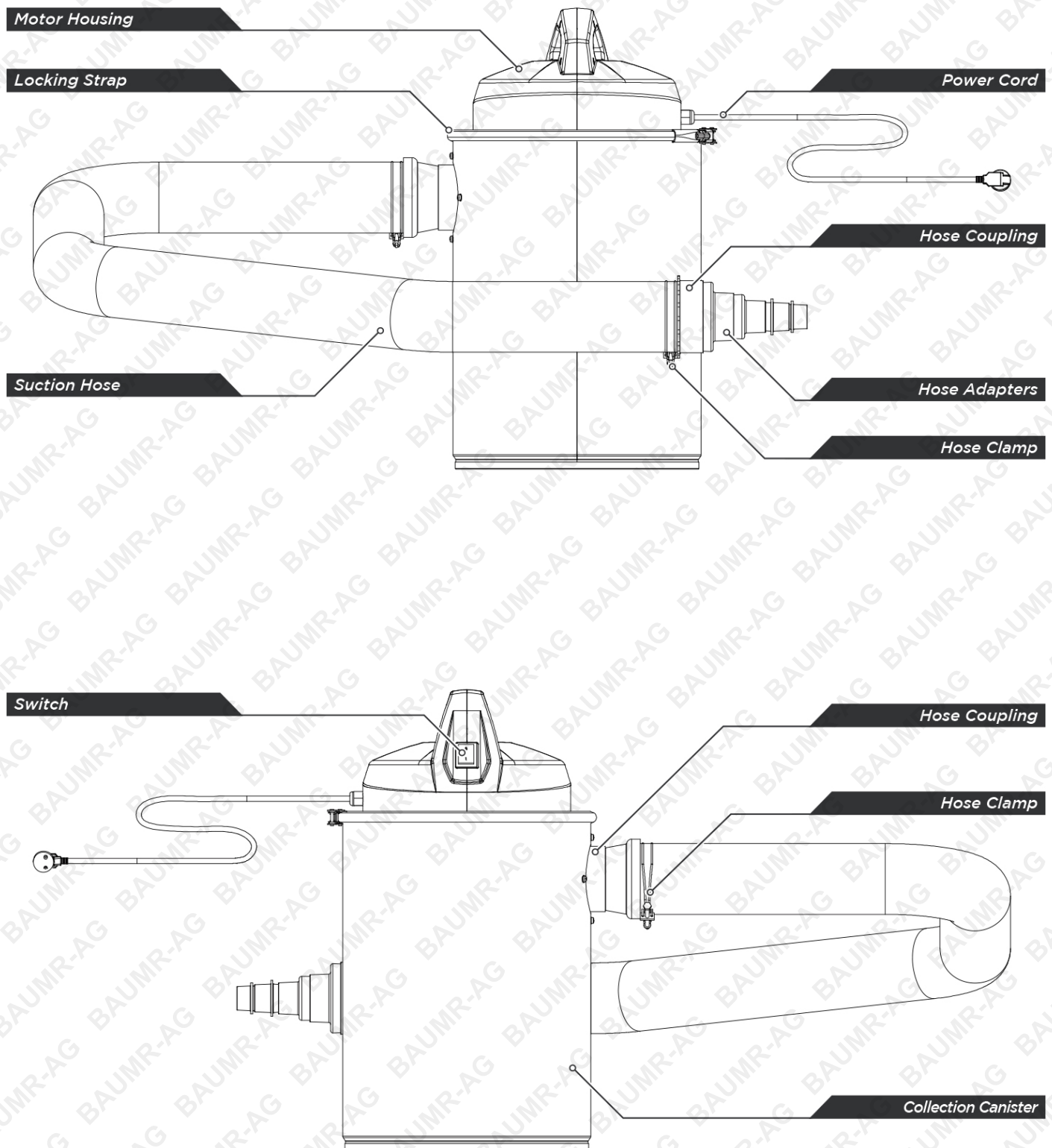
## Contents Supplied

The dust collector comes partially assembled and is shipped in carefully packed carton. After all the parts have been removed from the carton, you should have:



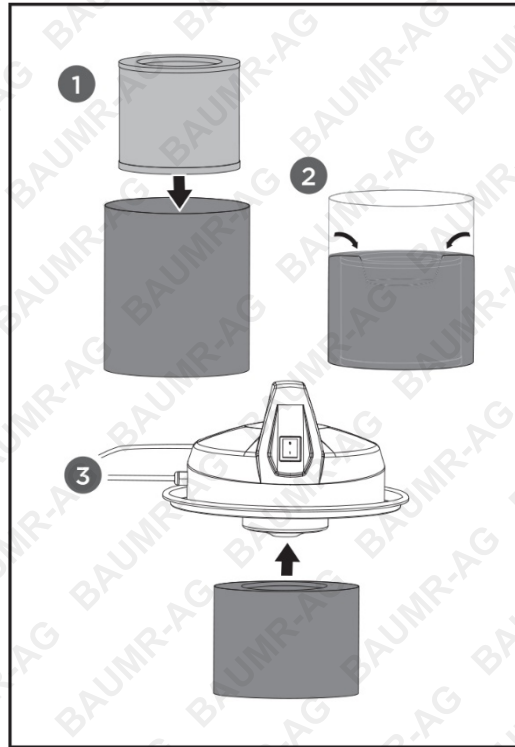
No.	Name
1	Motor housing
2	Filter cartridge
3	Filter bag
4	Suction hose
5	Locking strap
6	Collection canister

## Know Your Machine

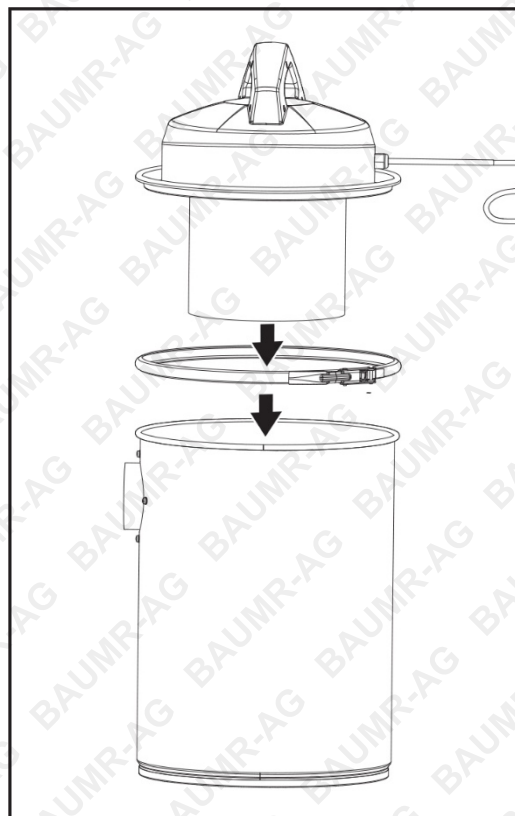


# Assembly

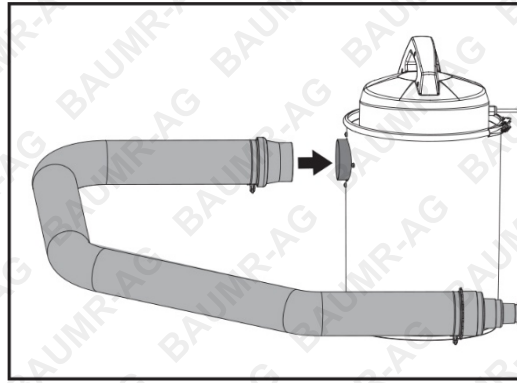
1. Place filter cartridge into filter bag.
2. Fold and tuck the top of the bag into the filter cartridge.
3. Push the filter cartridge/bag onto the motor housing.



Place the motor housing with filter cartridge/bag on to the collection canister and lock in place with the locking strap.



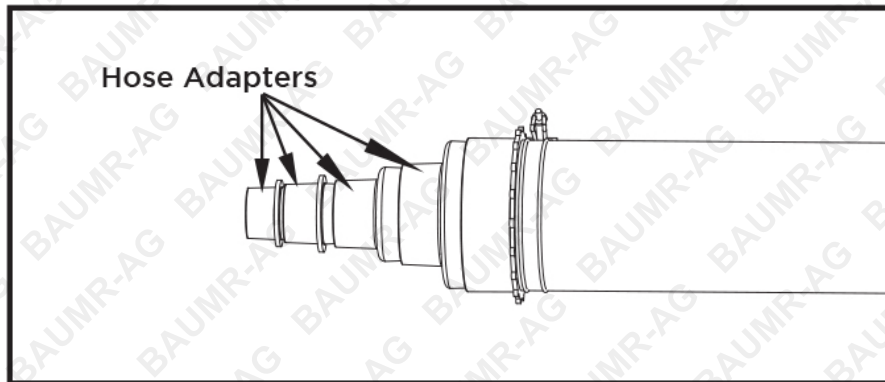
Plug the hose coupling onto the suction inlet. Secure it in place with the supplied hose clamp.



# Operation

## Before Starting

1. Make sure both the dust collector and dust producing machine are turned OFF.
2. Place the dust collector near the dust producing machine on a flat/level surface.
3. There are four hose adapters supplied. Select the hose adapter that best fits the dust producing machine outlet and attach it to the hose coupler.



4. Connect the dust collector adapter to the dust producing machine outlet. Make sure the connection is secure.
5. Connect the dust collector's power cord to the correct power source.

## To Start



**Important: Turn dust collector on before starting dust producing machine.**

Place the dust collector's ON/OFF switch in the ON (I) position. Turn the machine ON.

## To Stop



**Important: ALWAYS turn the dust producing machine OFF before turning the dust collector OFF.**

Place the dust collector's ON/OFF switch in the OFF (O) position. Turn the machine OFF.



# Maintenance



**DANGER: Make sure the machine is turned off and the cord is disconnected from the power source before servicing and removing/replacing any components on the machine.**

## General Maintenance Measures

Pull the mains plug before any adjustments, maintenance or repair. Have any work on the device that is not described in this manual performed by a professional. Only use original parts. Allow the device to cool off before any maintenance or cleaning is undertaken.

Check the dust collector daily for loose connections, damaged wires, worn switch, full collection canister, dirty filter cartridge/bag and any other unsafe condition.

Clean the equipment regularly with a damp cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device. The ingress of water into an electric tool increases the risk of an electric shock.

## Emptying Dust Canister

Check and empty the collection canister on your dust collector regularly. The machine operates at a much higher level of efficiency when the collection canister is empty.

1. Pull out handle of locking strap to release and remove locking strap.
2. Remove motor housing with filter cartridge/ bag by lifting the top handle.
3. Empty chips and dust inside drum into a suitable receptacle. Dispose of properly.
4. Replace motor housing with filter cartridge/ bag on to the collection canister and lock in place with the locking strap.

## Changing Filter Bag and/or Cartridge

Check and clean the filter cartridge/bag regularly. Replace as needed.

1. Pull out handle of locking strap to release and remove locking strap.
2. Remove motor housing with filter cartridge/ bag by lifting the top handle.
3. Slide filter cartridge with bag off motor.
4. Remove bag from cartridge. Place new bag over cartridge, folding the bag excess inside the cartridge.
5. Slide cartridge with new bag onto motor until snug.
6. Replace motor housing with filter cartridge/bagon to the collection canister and lock in place with the locking strap.

## Lubrication

The sealed bearings in the motor have been permanently lubricated at the factory. They require no further lubrication.



## Transport and Storage

- Turn off the power tool before any transport and disconnect it from the power supply. The machine must only be lifted and transported on its top handle. Never lift the machine at the suction hose or the power cord.
- Store the equipment and accessories in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5 and 30°C. Store the electric tool in its original packaging. Cover the electric tool in order to protect it from dust and moisture.

# Troubleshooting

Problem	Cause	Remedy
<b>Device will not start</b>	<ol style="list-style-type: none"> <li>1. No mains voltage. Main circuit breaker is tripped.</li> <li>2. On switch (green) / Off Switch (red) (1) is broken.</li> <li>3. Motor faulty.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check the socket, mains supply cable, cord, mains plug; if necessary, have them repaired the main fuse.</li> <li>2. Have it repaired by Customer Care.</li> <li>3. Have it repaired by Customer Care.</li> </ol>
<b>Motor will not run</b>	<ol style="list-style-type: none"> <li>1. Defective or broken switch.</li> <li>2. Defective or damaged power cord.</li> <li>3. Open circuit, loose connections, or burned out motor.</li> <li>4. Low voltage.</li> </ol>	<ol style="list-style-type: none"> <li>1. Take it to a qualified service technician.</li> <li>2. Take it to a qualified service technician.</li> <li>3. Take it to a qualified service technician.</li> <li>4. Check the power line for the proper voltage. Use another circuit or have a qualified one.</li> </ol>
<b>Motor slow to start or fails to reach full speed</b>	<ol style="list-style-type: none"> <li>1. Burned or defective motor.</li> <li>2. Worn brushes.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check motor and replace, if necessary.</li> <li>2. Inspect brushes and replace, if necessary.</li> </ol>
<b>Motor overheats</b>	<ol style="list-style-type: none"> <li>1. Motor overload.</li> <li>2. Improper motor cooling.</li> </ol>	<ol style="list-style-type: none"> <li>1. Reduce load by slowing dust production.</li> <li>2. Clean sawdust from motor.</li> </ol>
<b>Tripping circuit breaker or fuses</b>	<ol style="list-style-type: none"> <li>1. Motor overloaded.</li> <li>2. Improper capacity of circuit breaker or fuses.</li> </ol>	<ol style="list-style-type: none"> <li>1. Reduce load by slowing dust production.</li> <li>2. Use proper capacity circuit breaker or fuse.</li> </ol>
<b>Unit has vibration or noisy operation</b>	<ol style="list-style-type: none"> <li>1. Motor or components are loose.</li> <li>2. Motor bearings faulty.</li> </ol>	<ol style="list-style-type: none"> <li>1. Inspect/replace any stripped or damaged bolts/nuts and retighten.</li> <li>2. Take it to a qualified service technician.</li> </ol>
<b>Loud, repetitious noise or excessive vibration coming from dust collector</b>	<ol style="list-style-type: none"> <li>1. Dust collection canister is full.</li> <li>2. Filter cartridge/bag is dirty or damaged.</li> <li>3. Dust collector hose restricted.</li> <li>4. The lumber is wet, and dust is not flowing through the hose smoothly.</li> <li>5. There is a leak in the hose.</li> </ol>	<ol style="list-style-type: none"> <li>1. Empty collection canister.</li> <li>2. Clean filter cartridge/bag or replace.</li> <li>3. Remove hose from dust collector inlet and unblock the restriction in the hose. A plumbing snake may be necessary.</li> <li>4. Process lumber with less than 20% moisture content.</li> <li>5. Inspect and replace hose.</li> </ol>
<b>Motor stalls</b>	<ol style="list-style-type: none"> <li>1. Short circuit in motor.</li> <li>2. Incorrect fuses or circuit breakers.</li> <li>3. Overloaded circuit.</li> <li>4. Low Voltage.</li> </ol>	<ol style="list-style-type: none"> <li>1. Take it to a qualified service technician.</li> <li>2. Replace with correct fuse or circuit breaker for the circuit.</li> <li>3. Turn off other machines and retry.</li> <li>4. Check the power line for the proper voltage. Use another circuit or have a qualified electrician upgrade the service.</li> </ol>

# Specifications

<b>Flow Rate</b>	183m³/h
<b>Tank/Bag Capacity</b>	50L
<b>Intake Hose Diameter</b>	10cm
<b>Hose Length</b>	2m
<b>Motor</b>	1100W



**Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

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