

Bäumr-AG®

CMP-10 PORTABLE CONCRETE MIXER



User Manual

[Revision 1.0]

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.

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.



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



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

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.

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.

General Equipment Use and Care

- Keep packaging away from children and pets, potential risk of suffocation or choking.
- 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

- Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.
- Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.
- When wiring electrically powered equipment, follow all electrical and safety codes.
- Always use a Residual Current Device (RCD) (GFCI) / Earth Leakage Circuit Breaker / Safety Switch when operating this item (electrical items only).
- 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.

General Electrical Safety

- Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.
- Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.
- Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.
- Do NOT use electrical equipment in wet conditions or in damp locations.
- Do NOT use electrical cords to lift, move or carry equipment.
- Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.

General Service Information

- The equipment must be serviced or repaired at authorised service centres by qualified personnel only.
- Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.
- Do NOT attempt any maintenance or repair work not described in this manual.
- 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.
- Do NOT adjust while the equipment is running.
- Perform service-related activities in suitable conditions, such as a workshop.
- Replace worn, damaged or missing warning/safety labels immediately.

Child Choking Hazard!



• **WARNING: CHOKING HAZARD - CHILDREN UNDER 8 YRS. CAN CHOKE OR SUFFOCATE ON SMALL PARTS. ADULT SUPERVISION REQUIRED.**

- Carefully inspect anything a baby or child could gain access to, including this product & packaging.
- Dangers include anything of a size that could become stuck or lodged in a baby or child's airway.
- Dangers include things like raw, hard fruit and vegetable pieces, large pieces of meat, bones or sausage skins, popcorn, nuts, hard lollies and corn chips, small magnets and batteries, coins, beads, marbles and small uninflated balloons, broken toys and smaller toys, buttons, keys, and coins. But there are also many more.
- Pay particular attention to accessories, nuts, bolts, screws, washers, caps, covers, loose parts, parts that could be removed or break off, pieces of packaging, staples, tape etc.
- In the case of any doubt, secure the item of concern in an appropriate manner, or completely remove the possibility of access by a baby or child.

HAZARDOUS COMPONENTS!

- **BE AWARE THAT THE EQUIPMENT MAY INCLUDE HAZARDOUS COMPONENTS, SUCH AS BLADES, HOT SURFACES AND MOVING PARTS.**
- **MOVING BLADES CAN CAUSE SERIOUS INJURY AND EVEN DEATH IF USED IMPROPERLY OR WITHOUT SUFFICIENT PPE.**
- **DO NOT USE THIS EQUIPMENT ON UNEVEN SURFACES AND ALWAYS MAINTAIN GOOD BALANCE WHEN USING THIS EQUIPMENT. FAILURE TO DO SO MAY CAUSE SERIOUS INJURY.**
- **MAINTAIN A SECURE GRIP OF THE TRIGGER ASSEMBLY AT ALL TIMES.**

Intended Use

- The portable Electric Cement Mixer is ideal for concrete jobs such as footings, bases, binding block, and concrete patching. When the job is complete, the compact Electric Cement Mixer easily fits into the trunk of most vehicles.

Concrete Mixer Safety

- **WARNING: READ AND UNDERSTAND ALL INSTRUCTIONS. FAILURE TO FOLLOW THE INSTRUCTIONS LISTED BELOW MAY RESULT IN ELECTRIC SHOCK, FIRE, AND/OR SERIOUS INJURY.**
- **WARNING: THE WARNINGS, CAUTIONS, AND INSTRUCTIONS IN THIS MANUAL CANNOT COVER ALL POSSIBLE CONDITIONS OR SITUATIONS THAT MAY OCCUR. IT IS ESSENTIAL THAT THE OPERATOR UNDERSTANDS THAT COMMON SENSE AND CAUTION ARE CRITICAL FACTORS THAT CANNOT BE BUILT INTO THIS PRODUCT AND MUST BE EXERCISED BY THE OPERATOR.**

Work Area

- Keep the work area clean, free of clutter, and well-lit. Cluttered and dark work areas can cause accidents.
- Do not use your tool where there is a risk of causing a fire or explosion, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks that may ignite dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control, so visitors should remain at a safe distance from the work area.
- Be aware of all power lines, electrical circuits, water pipes, and other mechanical hazards in your work area, particularly those below the surface that may be hidden from view and could cause personal injury or property damage if unintentionally contacted.
- Stay alert to your surroundings. Using power tools in confined work areas may put you dangerously close to cutting tools and rotating parts.

Electrical Safety

- **WARNING! ALWAYS CHECK TO ENSURE THAT THE POWER SUPPLY CORRESPONDS TO THE VOLTAGE SPECIFIED ON THE RATING PLATE.**
- Do not abuse the cord. Never carry a portable tool by its power cord or yank the tool or extension cords from the receptacle. Keep power and extension cords away from heat, oil, sharp edges, or moving parts. Replace damaged cords immediately, as damaged cords may cause a fire or increase the risk of electric shock.
- Grounded tools must be plugged into an outlet that is properly installed and grounded in accordance with all codes and ordinances. Never remove the grounding prong or modify the plug in any way. Do not use adapter plugs. Consult a qualified electrician if you are unsure whether the outlet is properly grounded.
- Double-insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit into a polarized outlet in only one orientation. If the plug does not fit fully into the outlet, reverse the plug. If it still doesn't fit, contact a qualified electrician to install a polarized outlet. Do not modify the plug in any way.
- Avoid body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is grounded.
- When operating a power tool outdoors, use an extension cord marked "W-A" or "W" that is rated for outdoor use to reduce the risk of electric shock.

Extension Cord Use

- Use only "Listed" extension cords. If used outdoors, they must be marked "For Outdoor Use." Extension cords with 3-prong grounding-type plugs and matching receptacles should be used with grounded tools.
- Replace damaged or worn cords immediately.
- Check the nameplate rating of your tool. Using an improper size or gauge of extension cord may lead to unsafe or inefficient operation. Ensure your extension cord is rated to allow sufficient current flow to the motor. Refer to the chart for the proper wire gauge for your tool.

CHART FOR MINIMUM WIRE SIZE OF EXTENSION CORD:

Nameplate AMPS	CORD LENGTH			
	25'	50'	100'	150'
0-6	18 AWG	16 AWG	16 AWG	14 AWG
6-10	18 AWG	16 AWG	14 AWG	12 AWG
10-12	16 AWG	16 AWG	14 AWG	12 AWG
12-16	14 AWG	12 AWG	(NOT RECOMMENDED)	

If in doubt, use larger cord.

Be sure to check voltage requirements of the tool to your incoming power source.

- Do not expose power tools to rain or wet conditions. Water entering a power tool increases the risk of electric shock.
- Do not let your fingers touch the terminals of the plug when inserting or removing it from the outlet.
- Ground Fault Circuit Interrupters (GFCI): If the work area is not equipped with a permanently installed Ground Fault Circuit Interrupter outlet (GFCI), use a plug-in GFCI between the power tool or extension cord and the power receptacle.

Personal Safety

- Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool if you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Dress properly. Do not wear loose clothing, dangling objects, or jewellery. Keep your hair, clothing, and gloves away from moving parts. Loose clothing, jewellery, or long hair can be caught in moving parts. Air vents often cover moving parts and should be avoided.
- Use safety apparel and equipment. Wear safety goggles or safety glasses with side shields that comply with current national standards (ANSI Z87.1), or a face shield when necessary. Use a dust mask in dusty work conditions. This applies to everyone in the work area. Also, use non-skid safety shoes, a hardhat, gloves, dust collection systems, and hearing protection when appropriate.
- Avoid accidental starting. Do not carry the power tool with your finger on the switch. Ensure the switch is in the "off" position before plugging the tool into a power outlet. In the event of a power failure while a tool is being used, turn the switch off to prevent unexpected starting when power is restored.
- Do not overreach. Maintain proper footing and balance at all times.
- Remove adjusting keys or wrenches before connecting the tool to the power supply or turning it on. A wrench or key left attached to a rotating part of the tool may result in personal injury.

Tool Use and Care

- Do not overload the mixer.
- Keep hands away from the drum while it is in operation.
- Always operate the mixer on a level surface.
- Never start or stop the mixer with material in the drum, as this may damage the motor.

CMP-10 Portable Concrete Mixer





















- Never use a tool with a malfunctioning switch. Any power tool that cannot be controlled with the switch is dangerous and must be repaired by an authorised service representative before use.
- Disconnect the power from the mixer and place the switch in the locked or "off" position before servicing, adjusting, installing accessories, or storing. These preventive safety measures reduce the risk of accidental start-up.
- Secure work with clamps or a vise instead of holding it by hand when practical. This precaution allows for proper tool operation with both hands.
- Store idle tools in a dry, secure place out of the reach of children. Inspect tools for good working condition prior to storage and before reuse.
- Frequently check the mixer for wear and damage. The general condition of any tool should be examined before use. Keep tools in good repair by following a conscientious repair and maintenance schedule as outlined in this manual. If abnormal vibrations or noise occurs, turn the tool off immediately and have it inspected before further use. Necessary repairs should be made by qualified service personnel.
- Periodically grease all moving parts lightly.
- Keep cutting tools sharp and clean. Properly maintained tools with sharp edges are less likely to bind and are easier to control. Keep handles dry, clean, and free from oil and grease.
- Cleaning: Use only soap and a damp cloth to clean your tools. Many household cleaners can damage plastics and insulation. Never allow liquid to get inside the tool.
- Use only accessories recommended by the manufacturer for your model. Accessories suitable for one tool may pose a risk of injury when used with another.
- Keep guards in place and ensure they are in working order.
- Never leave a tool running unattended.
- Keep the drum rotating when filling or emptying the mixer.
- **CAUTION: WHEN TRANSPORTING THE MIXER, DISCONNECT THE POWER CORD AND ENSURE THE DRUM IS EMPTY OF ALL MATERIAL.**

WARNING!

- Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects, or other reproductive harm. Some examples of these chemicals include:
 - Lead from lead-based paints
 - Crystalline silica from bricks, cement, and other masonry products
 - Arsenic and chromium from chemically treated lumber
- Your risk from these exposures varies depending on how often you perform this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area and use approved safety equipment, such as dust masks specifically designed to filter out microscopic particles.

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>Flammable Material Hazard Flammable liquids, gases, or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p>Read User Manual Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p>Use Hand Protection Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p>Electrocution / Electrical Shock Hazard 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>Toxic Fumes / Dust Hazard 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>Explosive Material Hazard Combustible liquids, gases, or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p>Cutting / Amputation Hazard 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>Crush Hazard 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>Single Operator Only The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p>Use Face Protection 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>Use Foot Protection Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p>Use Eye / Ear / Head Protection 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>Running Hazard Do not run on or near the product as doing so may present a fall hazard.</p>	 <p>Diving Hazard Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p>Adult Supervision Required Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p>Skin Penetration / Puncture Hazard 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>Hot Surface Hazard Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p>Flying Debris Hazard 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>Moving Parts Hazard 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>

















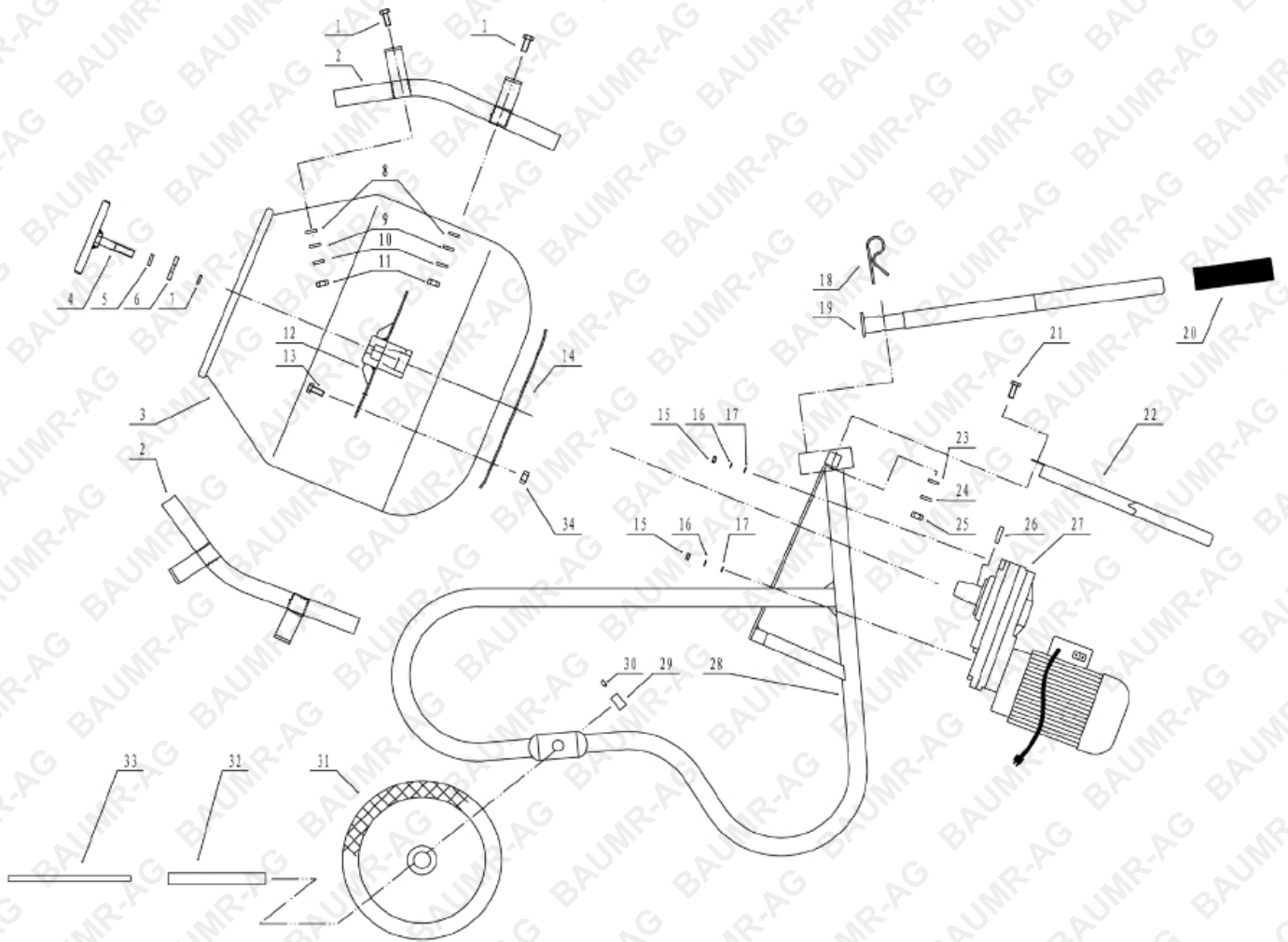
 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p>Pull Hazard Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Slope / Fall Injury Hazard 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>"Slam Dunk" Warning Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p>Electrocution / Electrical Shock Hazard - Outdoor 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>Electrocution / Electrical Shock Hazard - Disconnect 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>Power Line Electrocution Hazard 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>"Kick-Back" Hazard High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p>Winch Operator Position Hazard Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p>Winch Lift Hazard Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p>Cable Hazard Ensure that load bearing cable is not kinked or knotted.</p>	 <p>Winch Cable Hazard Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p>Winch Hook Hazard Carry hook to load – do NOT throw or run.</p>	 <p>Flash / Blinding Hazard Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>	 <p>Laser Hazard Laser may be in use – do NOT look directly at laser or allow others to.</p>	 <p>Choking Hazard Children under 8 yrs. Can choke or suffocate on small parts. Adult supervision required.</p>

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Parts Identification



No.	Name	Qty.	No.	Name	Qty.
1	Cross Head Bolt M8x20	4	18	R Pin	2
2	Mixing Blade	2	19	Handle	2
3	Mixing Drum	1	20	Handle Sleeve	2
4	T-Bolt	1	21	Cross Head Bolt M6x12	2
5	Spring Washer $\phi 14$	1	22	Protective Net	1
6	Washer	1	23	Flat Washer $\phi 6$	2
7	O Ring Oil Seal	1	24	Spring Washer $\phi 6$	2
8	Leather Washer	4	25	Hex Nut M6	2
9	Flat Washer $\phi 8$	4	26	Pin $\phi 8 \times 55$	1
10	Spring Washer $\phi 8$	4	27	Motor & Gearbox Assembly	1
11	Hex Nut M8	3	28	Frame Assembly	1
12	Connect Plate	1	29	Locking Collar 5/8"	2
13	Cross Head Twist Bolt M10x30	12	30	Screw Whizlock	2
14	Strengthen Plate	1	31	Wheel	1
15	Hex Nut M6	4	32	Interval Tube	1
16	Spring Washer $\phi 6$	4	33	Wheel Shaft	1
17	Flat Washer $\phi 6$	4	34	Hex Self Nut M10	12

Assembly

1. When unpacking, check to ensure all the parts listed on the Parts Identification are included. If any parts are missing or broken, contact the manufacturer.
2. Place the Frame Assembly (#28) in a clean work area with a flat, level surface. See Fig. 1.
3. Align the two holes of the Handle (#19) with the Frame Assembly (#28). Insert the R Pin (#18), then secure the Handle Sleeve (#20) to the Handle (#19). See Fig. 2 or the Parts Diagram.
4. Insert the Wheel Shaft (#33) through the Interval Tube (#32) and the Wheel.

Note: The longer side of the Bearing Casing on the wheel should face the outer side of the Frame Assembly, with the other side facing the Wheel. Attach the Wheel (including the Wheel Shaft) to the Frame Assembly. Secure the Locking Collar (#29) on the outer side and tighten the Screw (#30). See Fig. 3 or the Parts Diagram.

5. Secure the Gearbox Assembly (#27) to the five holes in the Frame Assembly (#28) using Flat Washer $\Phi 6$ (#17), Spring Washer $\Phi 6$ (#16), and Hex Nut M6 (#15). Tighten them with a wrench. See Fig. 3 or the Parts Diagram.
6. Attach the Protective Net (#22) to the Frame Assembly (#28). Secure it with Cross Head Bolt M6x12 (#21), Flat Washer $\Phi 6$ (#23), Spring Washer $\Phi 6$ (#24), and Nut M6 (#25). See the Parts Diagram.
7. Secure the Mixing Drum (#3) to the Gearbox Shaft using the T-handle bolt assembly (#4). Tighten it firmly with a wrench. See Fig. 4 or the Parts Diagram.
8. Secure the mixing blades (#2) to the inner side of the Mixing Drum (#3) using Cross Head Bolt M8x20 (#1), Leather Washer (#8), Flat Washer $\Phi 8$ (#9), Spring Washer $\Phi 8$ (#10), and Nut M8 (#11).

Note: The Leather Washer (#8) should be placed between the Mixing Blade (#2) and the inner side of the Mixing Drum (#3). See the Parts Diagram.

9. Go back and retighten all Screws, Nuts, and Bolts after the cement mixer assembly is complete.

EXAMPLE OF ASSEMBLY PROGRESSION



fig.1



fig.2



fig.3



fig.4

Operation

1. Position the mixer on a level surface.

NOTE: Before filling the drum, ensure the mixer contents can be easily emptied into a wheelbarrow.

2. Secure the T-handle bolt (#4) firmly before drum rotation, and grease all moving parts prior to initial use and as needed based on your use schedule.
3. Use an appropriate 3-prong, grounded extension cord to supply power, and turn on the mixer.
4. While the drum is rotating, add water, concrete, and aggregate.
5. To pour the concrete, raise the dump handle while the drum is rotating.

CAUTION: When tilting the drum to pour the mixture, do so in a slow and smooth motion to keep the mixer balanced and upright.

6. If the motor overheats and shuts down, turn off the mixer and unplug it for 15 minutes. After this cooling period, plug in the unit and turn the mixer back on.

Maintenance

ATTENTION: Surface corrosion will occur on metal surfaces over time and the rate of oxidation depends on factors such as proximity to the ocean and humidity or condensation of water vapour on metal surfaces. To mitigate this, WD40 can be used to remove surface corrosion then, when applied periodically, it will prevent rust from forming.

CAUTION: Always disconnect the power cord before performing any maintenance or cleaning.

- Thoroughly clean the unit after each use. Remove all concrete from the mixer.
- Lightly grease all moving parts.
- Keep the motor cooling fins clean and free of buildup.

NOTE: When cleaning the mixer, wipe the ON/OFF switch assembly and motor with a damp cloth. Do not spray water directly onto these areas. Protect the motor and switch assembly from rain and moisture.

Specifications

Drum Capacity	100L
Voltage	240V
Power (Watts)	370W
Oil Type	10W-30 10W-40 15W-40
Drum Speed	23 RPM
Body Material	Steel, Polyethylene (drum)
Finish	Powder-coated
Power Type	Corded Electric
Drum Diameter	560mm
Wheels	16 inch pneumatic
Power Plug	10A Australian Standard

Note: Requires assembly



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

- 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.

