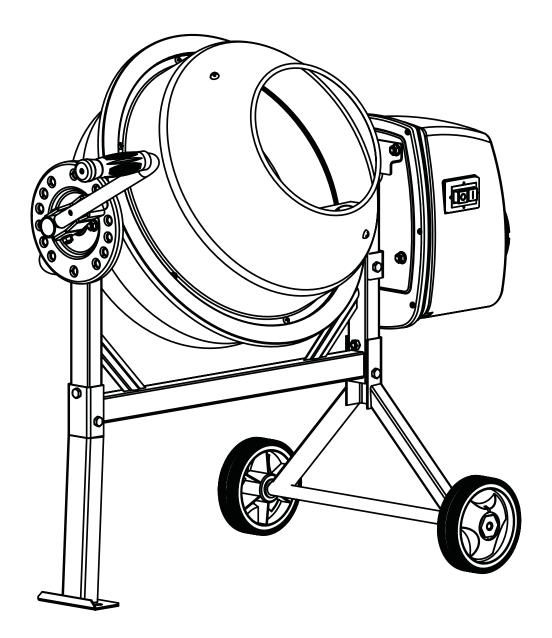
Concrete Mixer

060-3794-8



Keep the original box, packaging, and purchase receipt.

Please read and understand this manual before any assembly or use. Before beginning assembly of product, make sure all parts are present. Compare parts with packaging contents list. If any part is missing, or if you have any questions, contact the vendor's customer service department at 1-866-567-4089.



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1. IMPORTANT PRECAUTIONS

IMPORTANT, RETAIN FOR FUTURE REFERENCE AND READ CAREFULLY!

Do not attempt to install or operate this product until you have read the safety instructions in this manual. Safety items throughout this manual are labelled with **Danger**, **Warning**, or **Caution** based on the risk type.

Read and understand this manual and the labels affixed to the mixer. Learn its applications and limitations as well as the specific potential hazards particular to it. Become familiar with the controls before operating this mixer.

1.1 Definitions

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



/ WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION

Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.



IMPORTANT

Installation, operation, or maintenance information which is important but not hazard-related.

1.2 Child Safety

Packing materials:

- Packing cartons covered with rugs, bedspreads, plastic sheets, or stretch wrap may become airtight chambers and can quickly cause suffocation.
- Destroy or recycle the product's carton, plastic bags, and any other exterior wrapping material immediately after the product is unpacked. Children should never play with these items.



Danger of suffocation!

To reduce the risk of injury, do not operate the mixer near

1.3 Safety Warnings

/ CAUTION – STAY ALERT

- This product is intended for outdoor use only.
- Do not operate the mixer while under the influence of drugs, alcohol, or any medication that could affect your ability to use it properly.
- Do not use this mixer when you are tired or distracted from the job at hand. Watch what you are doing at all times. Use common sense.
- **Risk of electric shock.** Inspect the cord before using the mixer — do not use it if the cord is damaged.

WARNING – AVOID DANGEROUS CONDITIONS

- Make sure there is adequate surrounding work space.
- Keep your work area clean and well lit. Cluttered areas pose a risk of injuries. Keep the area around the mixer clear of obstructions, grease, oil, trash, and other debris which could cause you or others to fall onto the product's moving parts.



Only use or operate the mixer on solid, flat, level ground that is capable of supporting the weight of the mixer and its load, so as to prevent the mixer from tipping over.



Do not attempt to move the mixer when it is loaded or in operation.

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Important Precautions

1. IMPORTANT PRECAUTIONS (CONT'D)

1.3 Safety Warnings (cont'd)



WARNING

 This mixer is intended for mixing concrete, mortar, fertilizer, or mulch. It is not suitable for mixing flammable or explosive substances. Do not use it in areas where fumes from paint, solvents, or flammable liquids pose a potential hazard.



CAUTION – DO NOT OVERREACH

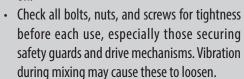
- Keep proper footing and balance at all times when loading and unloading the mixer.
- Never stand on the mixer. Serious injury might occur if the mixer is tipped or if the moving parts are unintentionally touched.
- Do not store anything above or near the mixer, in order to prevent people from standing on the mixer to reach them.



CAUTION – INSPECT YOUR MIXER

 Check your mixer before turning it on. Keep safety guards in place and in working order.
Do not plug in the mixer with the motor cover off.







- Form a habit of checking to see that all adjusting tools, shovels, hand trowels, and other tools/equipment are removed from the work space before you turn the mixer
- Replace damaged, missing, or faulty parts before using the mixer.
- Warning labels carry important information. Contact the vendor's customer service department at 1-866-567-4089 if there are any missing or damaged warning labels.



WARNING – AVOID ACCIDENTS

 Keep your hands out of the way of all moving parts. Do not place any part of your body or any tool, e.g. shovels, inside the drum during operation.



 When operating, do not pass hands through the clearance between the frame and the support arm, or between the drum and the support arm.





CAUTION – DO NOT FORCE THE MIXER

- The mixer will do a better and safer job at its intended rate. Always work within the rated capacity.
- Do not start the motor if the drum is fully loaded. Do not turn the mixer off if it is full of concrete.



- Do not use the mixer other than for its intended purpose.
- The mixer is not to be towed by any vehicle.



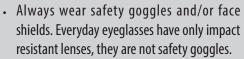
WARNING − WEAR PROTECTIVE EQUIPMENT

 Do not wear loose clothing, gloves, neckties, or jewellery (rings, watches, etc.) when operating the mixer. They can get caught in moving parts. Protective electrically nonconductive gloves and non-skid footwear are recommended. Wear protective hair covering to contain long hair, preventing it from getting caught in machinery. Wear a face or dust mask if the operation is dusty.











A

DANGER – UNATTENDED MIXER

• Do not leave the mixer unattended while running. Keep close supervision until it has come to a complete stop.

IMPORTANT – KEEP VISITORS AWAY

- Keep visitors away from the mixer.
- Do not allow children to handle or climb onto or into the mixer.



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1. Important Precautions (Cont'd)

1.3 Safety Warnings (cont'd)



NARNING – POWER CORD

- · Never pull the mixer by the cord, and do not pull the cord to disconnect it from the power outlet.
- Keep the cord away from heat, oil, and sharp edges.



DANGER – ELECTRICAL SHOCK

- Check that the electric circuit is adequately protected and that it corresponds to the rated power, voltage, and frequency specifications of the motor.
- Do not plug in or unplug the mixer while standing in or around damp or wet ground. Do not use the mixer in wet or damp areas, and do not 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 in or unplugging the mixer.

IMPORTANT – EXTENSION CORDS

- Improper use of extension cords may cause inefficient operation of the mixer, which may result in overheating.
- Verify that the extension cord is no longer than 32.5′ (10 m) and that its cross-section is no less than 1/8" (2.5 mm), in order to allow sufficient current to flow to the motor.
- Avoid the use of loose and inadequately insulated connections. Connections must be made with protected material that is suitable for outdoor use.
- CAUTION: USE ONLY THREE-WIRE EXTENSION CORDS.
- Ensure that the extension cord is carefully laid out, avoiding liquids, sharp edges and places where vehicles might run over it.
- Avoid allowing the extension cord to be trapped underneath the mixer.
- Unroll it fully or it will overheat and could catch fire.

CAUTION – DISCONNECT POWER

- Never open the motor cover before unplugging the mixer.
- Disconnect from power supply when not in use, before moving, making adjustments, changing parts, cleaning, or working on the mixer. Consult this instruction manual before servicing.



IMPORTANT – MAINTENANCE

- · Clean the mixer immediately after use. Keep the mixer clean for a better, safer performance.
- When maintaining this mixer, only original replacement parts made by the same manufacturer should be used.

→ IMPORTANT – ENVIRONMENT

- Take leftover materials to an authorized collection point or follow the stipulations in the country where the mixer is being used.
- Do not discharge into drains, soil, or water.

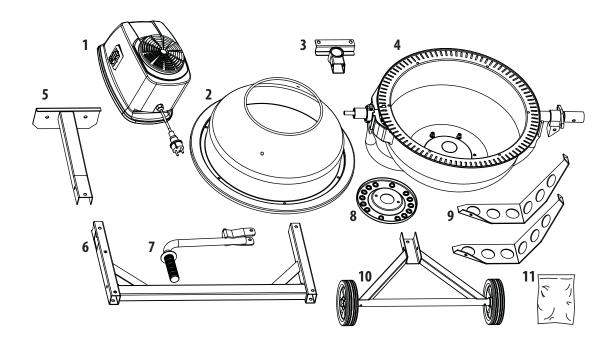
IMPORTANT – STORAGE

- When not in use, the mixer should be stored in a dry location to inhibit rust.
- Keep the mixer away from children and other individuals who are not qualified to use it.

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6 Parts List

2. Parts List



2.1 Mixer Parts

ltem#	Part Name	Qty.
1	Transmission Case	1
2	Upper Drum	1
3	Bearing Block	1
4	Bottom Drum	1
5	Support Leg	1
6	Frame	1
7	Tipping Bar	1
8	Locking Plate	1
9	Mixing Blades	2
10	Axle Bracket & Wheels	1
11	Bag with Fasteners	1

2.2 Fasteners

Ref.	Description	Qty.	Illustration
A	M8x40	1	
A	M8x60	1	
В	M8x40	1	
D	M8x60	1	
С	M8x55	2	
D	M8x20	2	
E	M8x16	2	
Е	M8x16	6	
F	M8x25	2	
G	M8x55	1	
d		1	\$000000000
Н	M8x60	1	
П	M8	2	

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3. Assembly Instructions

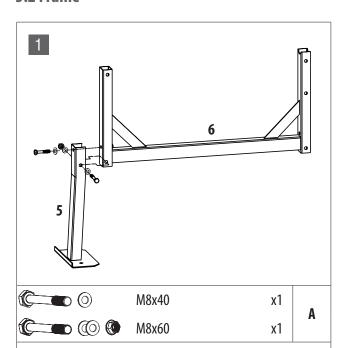
3.1 Assembly Preparation



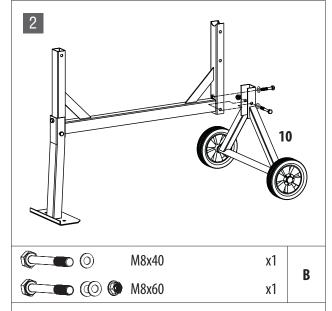
- The mixer should be assembled by at least two people.
- Read all assembly instructions thoroughly before assembling the mixer.



3.2 Frame

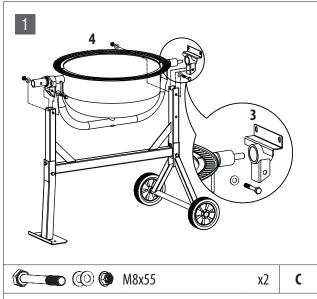


With the frame lying on its side, attach the support leg (5) as shown. Insert an M8X60 hex bolt through the holes from one side, then flat washers and a lock nut from the other side. Also screw an M8X40 hex bolt with a flat washer to the nut on the frame (6). Tighten.



Turn the frame over and attach the axle bracket with wheels (10) in the same manner. Make sure all bolts and nuts are tightened.

3.3 Bottom Drum



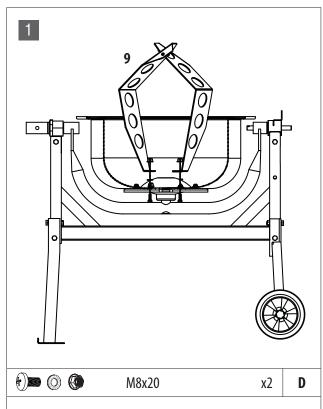
Slide the bracket onto the drive shaft sleeve. Carefully, and with two people, set the bottom drum (4) with support arm onto the side supports of the stand as shown, so that the bearing blocks (3) slot into the channels provided by the side supports. The larger diameter shaft should be at the leg end of the stand. On each side, line up the holes in the side support with those in the bearing block (3) and insert an M8X55 hex bolt from one side, then two flat washers and a lock nut from the other side. Tighten with a wrench.

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8 Assembly Instructions

3. Assembly Instructions (Cont'd)

3.4 Mixing Blades

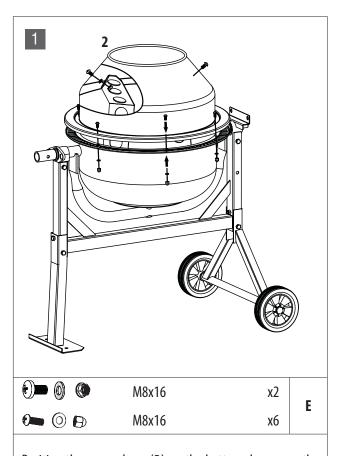


Mount the mixing blades (9) inside the bottom drum loosely as shown - Two holes are provided at the base of the drum into which an M8X20 cross-headed screw may be inserted from the outside. A leather washer and a lock nut should be threaded loosely on the inside. The leather washer should be placed under the blade down against the drum.

IMPORTANT

 Two arrows are marked on both the upper and the bottom drums (2 and 4). If you have any difficulty in correctly positioning the mixing blades, it might help to temporarily mount the upper drum (2) on top of the bottom drum (4), rotating it so that the two arrows line up.

3.5 Upper Drum

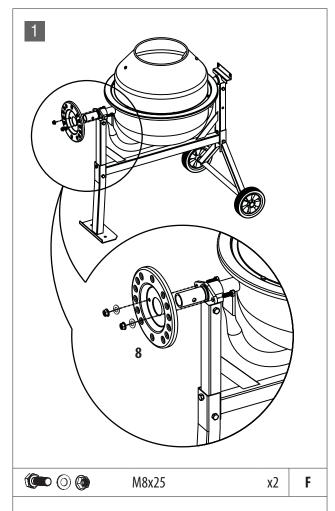


Position the upper drum (2) on the bottom drum over the rim, making sure the mounting holes align in both as well as the labeled arrows. Insert an M6X16 cross-headed screw into each mounting hole in the rim. Secure each screw from below with a spring washer and a cap nut. Make sure the tightening process is carried out progressively. Secure the mixing blades (9) to the upper drum (2) by inserting two M8X16 cross-headed screws, from the outside through the holes in the drum. A leather washer should be positioned inside between the drum and blade. Secure the mixing blade (9) on the inside using a lock nut. Finally, ensure top and bottom mixing blade mountings are tight.

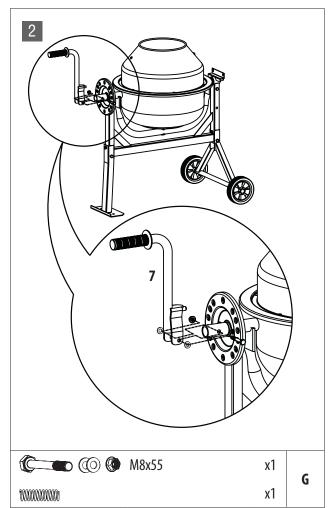
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3. Assembly Instructions (Cont'd)

3.6 Tipping Bar



Slide the locking plate (8) over the larger diameter shaft at the leg end of the frame with the rim facing inwards as shown. Secure with two M8X25 bolts, each with a flat washer and a lock nut.



Insert the spring into the tipping bar (7) pipe. Holding it in place with a finger, place the tipping bar (7) over the larger diameter shaft so that the shaft retains the spring. Press down on the tipping bar (7) until the holes both in the bracket and tipping bar line up. Insert an M8X55 hex bolt and screw on a lock nut with flat washers from the other side. Screw the nut up against the bracket firmly, but not so tightly so as to prevent the tipping bar (7) from pivoting about the bolt.

IMPORTANT

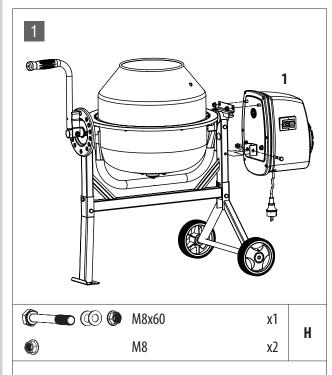
• The tipping bar (7) must be free to pivot around the bolt so that the lugs on the bracket can be engaged or disengaged from the slots in the locking plate (8).

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10 Assembly Instructions

3. Assembly Instructions (Cont'd)

3.7 Motor Cover



Lining up the keyways, slide the transmission case (1) over the pinion shaft. Screw two lock nuts to the threaded stub on the transmission case (1). Secure the lower mount bracket to the frame with one M8X60 bolt, two flat washers and a lock nut.

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4. OPERATING INSTRUCTIONS

4.1 Drum Tilting

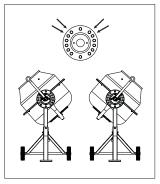
The spring-loaded tipping bar with locking lug provides an easy positive control of the drum, which can be locked in the mix, discharge, or storage position.

The drum is locked in position by the lug on the self-locating tipping bar, which engages into the locking plate on the mixer frame. To tilt the drum, withdraw the tipping bar (7) to disengage the locking lug. This allows the tipping bar (7) and the drum to be turned in the same direction.

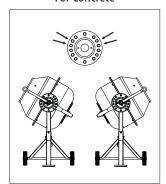
To hold the drum in position, align the lug with the hole and release the tipping bar (7) a little while holding the drum. Rotate the tipping bar (7) until the locking lug engages into the locking plate on the mixer frame.

4.2 Loading/Mixing Positions

For Mortar



For Concrete



4.4 Loading

CAUTION

- · Completely unwind the extension cord. Connect it to the mixer before plugging it into the power supply.
- · Always start the mixer before loading the drum. Load the drum only after it starts rotating.
- Do not throw the material into the mixer carelessly. Trickle it steadily over the rim, so as to prevent it from sticking firmly to the back of the drum.

IMPORTANT

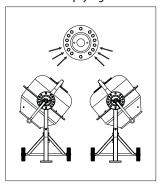
· A built-in circuit breaker is integrated with the motor to prevent it from overheating. If tripped, the circuit breaker will be automatically restored once the motor cools. Wait for approximately 10 minutes until it is restored before starting the motor again.

For best results, proceed as follows:

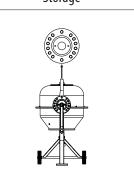
- Pour the required amount of water into the drum (see 1 | concrete mix directions included on the bag).
- Add the required amount of pre-mixed concrete into 2 the drum.

4.3 Emptying/Storage Positions

Emptying



Storage



4.5 Emptying



WARNING

Do not turn the mixer off while it is loaded. Always empty the drum while the drum is rotating.

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Operating Instructions / Maintenance / Technical Specifications

4. OPERATING INSTRUCTIONS (CONT'D)

4.6 Cleaning



/ WARNING

Never put your hands inside the drum while it is rotating.

Thoroughly clean the mixer at the end of each project. Never allow material to harden inside the drum. Keep your mixer clean. The slightest trace of material left in the drum will harden and attract more each time you use it until the machine is useless.

Dried cement should be scraped out of the drum. Do not throw bricks into mixer drum to clean it out. Do not beat on the drum with a shovel, a hammer, or other tools to break up accumulations of dried cement mix, as damage to the mixer may result. To clean fresh, stubborn accumulations, the drum may be scoured for approximately 2 minutes, using a 1" gravel and water mixture. Then, discharge the gravel/water mixture and hose down the drum assembly inside and out. The IP44* protection class construction of the concrete mixer enables you to hose down the drum assembly safely.

* IP44 indicates:

Protection against low pressure jets of water from all practicable directions.



5. Maintenance



CAUTION

Ensure the extension cord is unplugged before removing the motor cover.



The drive belt is kept under constant, even tension by a spring loaded jockey. No adjustment is required apart from a touch of grease on the spindle.

The bearings are permanently sealed.



WARNING

- The wiring diagram and parts schematic in this manual are only for your reference. Neither the manufacturer nor the distributor makes a warranty of any kind to the buyer that he or she is qualified to make any repairs to the product or that he or she is qualified to replace any parts of the product nor authorizes the buyer to do so.
- Only qualified technicians should repair the mixer. Any maintenance and repairs carried out on any of the electrical components must be undertaken by a qualified electrician.

(CAUTION

- Do not pour or spray water directly over the motor cover, especially the openings in it.
- · Wipe off any external debris on the motor cover. Do not use gasoline, turpentine, lacquer, paint thinner, dry cleaning fluids, or similar products. The use of chemical products or solvents may affect the properties of the cover, which is made of high-density polyethylene / PET.

6. Technical Specifications

Product Number: 060-3794-8

Motor: 120 V~, 60 Hz, 1.5 A

Drum Capacity: 46 L **Drum Mouth:** 236 mm **Drum Speed:** 29,8 tr/min

Overall sizes: 107 (L) x 51 (W) x 88.5 (H) cm

Weight: 24 kg

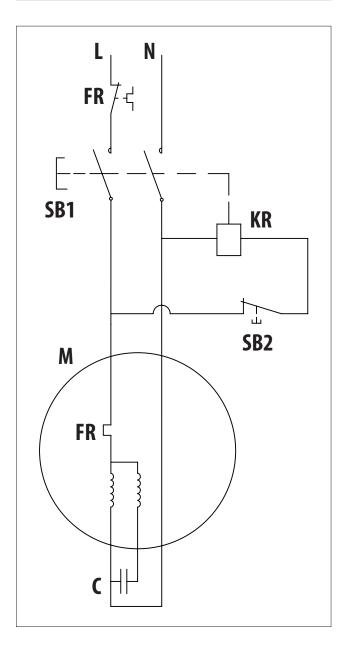
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7. WIRING DIAGRAM



A CAUTION

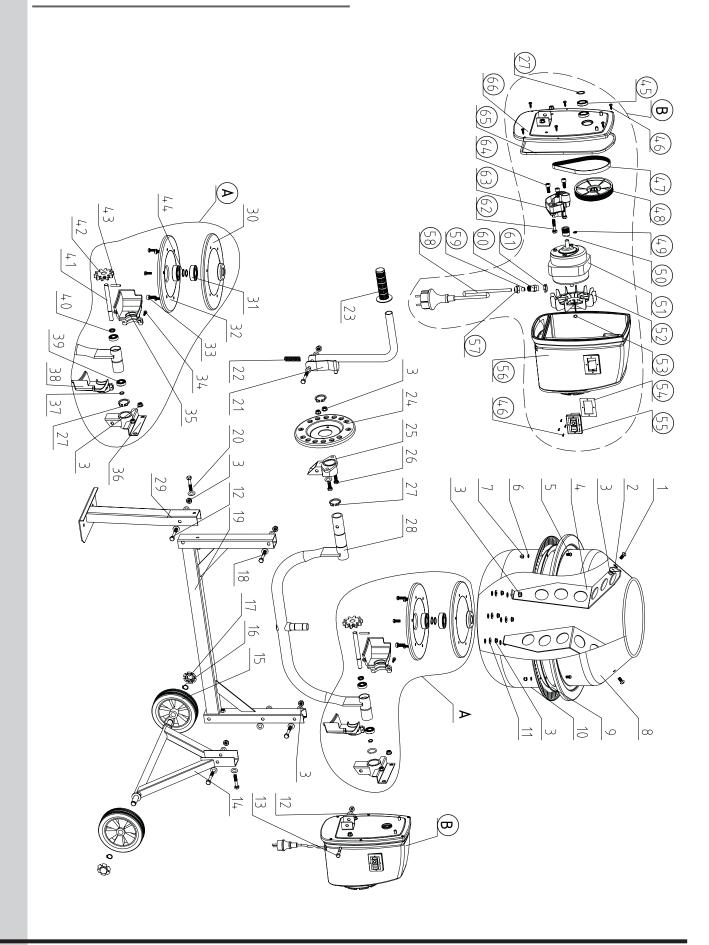
Parts within the circle should only be fitted by a qualified electrician.



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14 Parts Schematic

8. Parts Schematic



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9. Parts Reference List

Item#	Part Name	Qty.
1	Cross Headed Screw M8X16	2
2	Waterproof Washer 8	4
3	Lock Nut M8	16
4	Mixing Blade	2
5	Cross Headed Screw M6X16	10
6	Spring Washer 6	10
7	Lock Nut M6	10
8	Upper Drum	1
9	Rubber Gasket	1
10	Drum, Lower	1
11	Waterproof Washer 6	4
12	Flat Washer 8	16
13	Bolt M8X60	3
14	Axle Bracket	1
15	Wheel	2
16	Cotter Pin 3X20	2
17	Wheel Plug	2
18	Bolt M8X55	3
19	Frame	1
20	Bolt M8X40	2
21	Tipping Bar	1
22	Spring	1
23	Handle Grip	1
24	Locking Plate	1
25	Bearing Block - Left	1
26	Bolt M8X25	2
27	Circlip 32	3
28	Support Arm	1
29	Frame	1
30	Bearing Flange - Upper	1
31	Bearing 6204	2
32	Bearing Flange - Lower	1
33	Cross Headed Screw M8X20	2
34	Bolt M3.5X12	3
35	Gear Guard - Short 1	
36	Bearing Block - Right	1
37	Circlip 12	1
38	Gear Guard - Long	1
39	Bearing 6001	2

Item#	Part Name	Qty.
40	Flat Washer	1
41	Drive Shaft	1
42	Drive pinion	1
43	Lock Pin 5X40	1
44	Circlip 20	2
45	Bearing 61804	2
46	Bolt M3.5X16	14
47	Belt	1
48	Idle Pulley	1
49	Bolt M6X8	1
50	Drive Pulley	1
51	Motor	1
52	Fan	1
53	Circlip 15	1
54	Gasket	1
55	Switch	1
56	Motor Cover	1
57	Strain Relief Nut	1
58	Power Cord	1
59	Strain Relief Rubber	1
60	Strain Relief Bolt	1
61	Strain Relief Nut	1
62	Bolt M8X30	2
63	Motor Mount Bracket	1
64	Bolt M8X25	2
65	Gasket	1
66	End Plate	1

→ IMPORTANT

• The part numbers in this list do not correspond to the ones in the assembly steps. For those, please consult Section 3. Parts List on page 6.

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16 Warranty

10. WARRANTY

This product has a limited 30-day over-the-counter replacement warranty, a 2-year repair warranty on main unit against defects in manufacturing workmanship and materials, and a 90-day warranty on included accessories. All warranty claims must be accompanied by proof of purchase.

Subject to the conditions and limitations described below, this product, if returned to us with proof of purchase within the stated warranty period and if covered under this warranty, will be repaired or replaced (with the same model, or one of equal value or specification) at our option. We will bear the cost of any repair or replacement and any costs of labour relating thereto.

These warranties are subject to the following conditions and limitations:

- a) a bill of sale verifying the purchase and purchase date must be provided;
- b) this warranty will not apply to any product or part thereof which is worn or broken or which has become inoperative due to abuse, misuse, accidental damage, neglect or lack of proper installation, operation or maintenance (as outlined in the applicable owner's manual or operating instructions) or which is being used for industrial, professional, commercial or rental purposes;
- c) this warranty will not apply to normal wear and tear or to expendable parts or accessories that may be supplied with the product that are expected to become inoperative or unusable after a seasonable period of use;
- d) this warranty will not apply to routine maintenance and consumable items such as, but not limited to, fuel, lubricants, vacuum bags, blades, belts, sandpaper, bits, fluids, tune-ups, or adjustments;
- e) this warranty will not apply where damage is caused by repairs made or attempted by others (i.e. persons not authorized by the manufacturer);
- f) this warranty will not apply to any product that was sold to the original purchaser as a reconditioned or refurbished product (unless otherwise specified in writing);
- g) this warranty will not apply to any product or part thereof if any part from another manufacturer is installed therein or any repairs or alterations have been made or attempted by unauthorized persons;
- h) this warranty will not apply to normal deterioration of the exterior finish, such as, but not limited to, scratches, dents, paint chips, or to any corrosion or discolouring by heat, abrasive and chemical cleaners;
- i) this warranty will not apply to component parts sold by and identified as the product of another company, which shall be covered under the product manufacturer's warranty, if any.

Additional limitations

This warranty applies only to the original purchaser and may not be transferred. Neither the retailer nor the manufacturer shall be liable for any other expense, loss, or damage, including, without limitation, any indirect, incidental, consequential, or exemplary damages arising in connection with the sale, use, or inability to use this product.

Notice to consumer

This warranty gives you specific legal rights, and you may have other rights, which may vary from province to province. The provisions contained in this warranty are not intended to limit, modify, take away from, disclaim, or exclude any statutory warranties set forth in any applicable provincial or federal legislation.

Imported by Trileaf Distribution Trifeuil, Toronto, Canada M4S 2B8

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