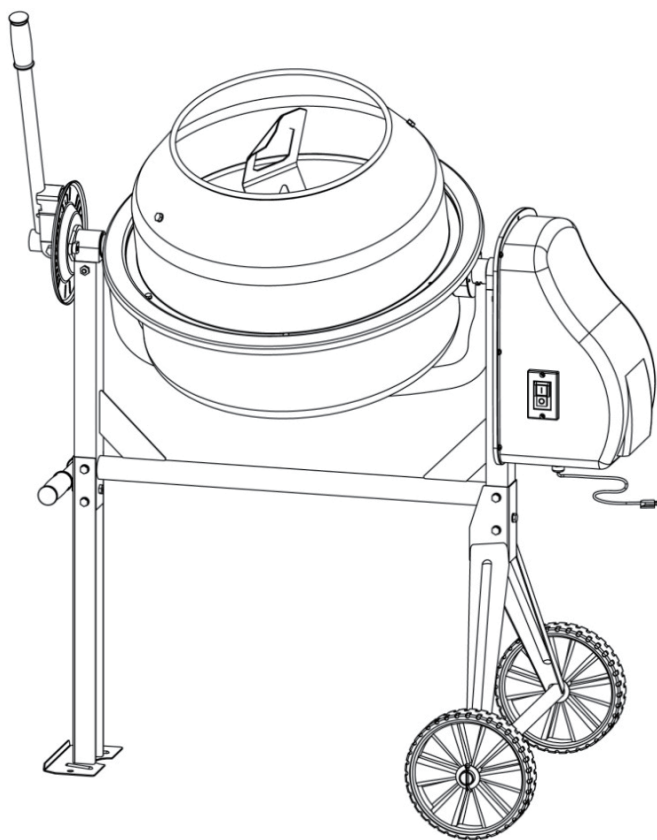




Item#: 1014982706
Model#: HDPCMIXER

USE AND CARE GUIDE

3.5 cu.ft. Portable Concrete Mixer



Questions, problems, missing parts?
Before returning to the store, call Home Depot Customer Service

1-877-527-0313

HOMEDEPOT.COM

THANK YOU

We appreciate the trust and confidence you have placed in Anvil through the purchase of this concrete mixer. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Anvil!

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Safety Information

General Power Tool Safety Warnings

Save all warnings and instructions for future reference.

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

WORK AREA SAFETY

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of a GFCI reduces the risk of electric shock.

PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while 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.
- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying**

Safety Information (continued)

power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.

POWER TOOL USE AND CARE

- **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/ or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and

control of the tool in unexpected situations.

SERVICE

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

Concrete Mixer Safety Instructions

- **Know your concrete mixer. Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this tool.** Following this rule will reduce the risk of electric shock, fire, or serious injury.
- **Always wear eye protection with side shields marked to comply with ANSI Z87.1.** Failure to do so could result in materials being thrown into your eyes, resulting in possible serious injury.
- **Protect your lungs. Wear a face or dust mask if the operation is dusty.** Following this rule will reduce the risk of serious personal injury.
- **Keep the cord away from the working area.** The cord may be entangled by the drum.
- **Never stand on the tool.** Serious injury could occur if the tool is tipped or if you accidentally contact any moving parts.
- **Do not reach into the drum with your hands or insert any other objects including trowels and shovels into it while mixing.** Contact with the tines or substances inside the drum may lead to serious personal injury.
- **Do not use this tool to mix flammable or explosive materials.** Fire or explosion can cause severe burns or death.
- **Do not mix food.** Power tools and their accessories are not designed for processing food.
- **Follow the instructions and warnings for the material to be mixed.** Material to be mixed may be harmful.
- **Always get help if you need to lift the tool.** When lifting, hold the tool close to your body. Bend your knees so you can lift with your legs, not your back.
- **When moving the tool or adjusting the position of the drum, hold the tool with both hands at the intended handles.** Loss of control can cause personal injury.
- **Before moving the tool, empty the drum and disconnect the power supply.**

Safety Information (continued)

- Put the tool on a firm level surface where there is plenty of room to make adjustments and properly operate the tool.
- Make sure all adjustments are secure and the work area is clear of tools and other obstructions before operating the tool.
- Turn on the motor prior to filling the concrete mixer. Following this rule will help substances mix evenly, prevent motor damage, and help extend the life of the tool.
- Always keep the drum's opening in view when filling or emptying the tool. Certain mixing substances can harden quickly and could cause property damage or personal injury if spilled.
- Do not exceed the batch capacity of this tool. Overfilling the drum could damage the motor.
- Inspect tool cords periodically and, if damaged, have repaired at your nearest authorized service center. Constantly stay aware of cord location. Following this rule will reduce the risk of electric shock or fire. Check damaged parts. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center. Following this rule will reduce the risk of shock, fire, or serious injury.
- Make sure your extension cord is in good condition.

When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. A wire gauge size (A.W.G.) of at least 14 is recommended for an extension cord 50 feet or less in length. A cord exceeding 100 feet is not recommended. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.

- If the power supply cord is damaged, it must be replaced only by the manufacturer or by an authorized service center to avoid risk.
- Never leave tool running unattended. Unplug tool when leaving work area or when tool is out of your line of sight.
- Empty and clean the drum prior to transporting the tool away from the work area or storing the tool for long periods of time.
- Clean and dry the tool after each use.
- Dispose of concrete, rinse water, and other substances in areas designated for that purpose. Local, state or federal laws may prohibit disposal of these materials in storm drains, roadsides, landfills, or other locations. Consult your local waste authority for information regarding available disposal options.
- This product is not designed to be towed behind a vehicle.
- When hauling the tool in a vehicle, securely tie it down to prevent movement and possible damage.
- Save these instructions. Refer to them frequently and use them to instruct other users. If you loan someone this product, also loan these instructions.

Electrical

ELECTRICAL CONNECTION

This tool has a precision-built electric motor. It should be connected to a power supply that is 120 V, AC only (normal household current), 60Hz. Do not operate this tool on direct current (DC). A substantial voltage drop will cause a loss of power and the motor will overheat. If the tool does not operate when plugged into an outlet, double check the power supply.

GROUNDING INSTRUCTIONS:

This appliance must be grounded. In the event of malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Grounding & Plug Requirements.

Improper connection of the equipment-grounding wire can result in a risk of electric shock. The wire with green insulation (with or without yellow stripes) is the equipment-grounding wire. If repair or replacement of the power cord or plug is necessary, do not connect the equipment-grounding wire to a live (current carrying) terminal. Check with a qualified electrician or service personnel if you do not understand these grounding requirements, or if you are in doubt about whether the machine is properly grounded. If you ever notice that a cord or plug is damaged or worn, disconnect it from power, and immediately replace it with a new one.

Grounding Methods

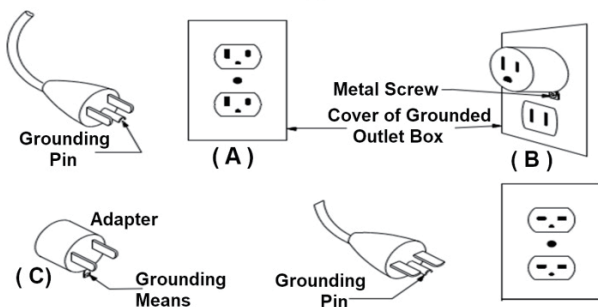


Figure 1

Symbols

On the product, the rating label and within these instructions you will find among others the following symbols and abbreviations. Familiarize yourself with them to reduce hazards like personal injuries and damage to property.



Read the instruction manual.



Wear eye and hearing protection.

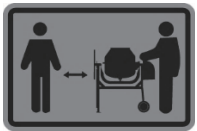
Symbols (continued)



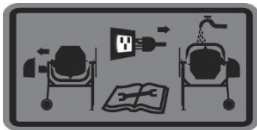
Wear protective gloves.



Wear protective, slip-resistant footwear.



KEEP VISITORS AND CHILDREN AWAY.



Switch the product off and disconnect it from the power supply before assembly, cleaning, adjustments, maintenance, storage and transportation.



Avoid dangerous conditions. Only use or operate the mixer on solid, flat, level ground that is capable to support the weight of the mixer and its load to prevent the mixer from tipping over. Do not attempt to move the mixer when it is loaded and/or in operation



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



Do not remove or temper with any protection or safety device.



DO NOT FORCE TOOL.



PROTECT THE ENVIRONMENT.

Warranty

The manufacturer warrants the product to be free from defects in materials and workmanship for a period of one (1) years from date of purchase. This warranty applies only to the original consumer and only to products used in normal use and service. If this product is found to be defective, the manufacturer's only obligation, and your exclusive remedy, is the repair or replacement of the product at the manufacturer's discretion, provided that the product has not been damaged through misuse, abuse, accident, modifications, alteration neglect or mishandling. This warranty shall not apply to any product that is found to have been improperly installed, set-up, or used in any way not in accordance with the instructions supplied with the product. This warranty shall not apply to a failure of the product as a result of an accident, misuse, abuse, negligence, alteration, faulty installation, or any other failure not relating to faulty material or workmanship. This warranty shall not apply to a failure of the product as a result of an accident, misuse, abuse, negligence, alteration, faulty installation, or any other failure not relating to faulty material or workmanship. This warranty shall not apply to the finish on any portion of the products such as surface and /or weathering, as this is considered normal wear and tear.

The manufacturer does not warrant and specifically disclaims any warranty, whether express or implied, of fitness for a particular purpose, other than the warranty contained herein. The manufacturer specifically disclaims any liability and shall not be liable for any consequential or incidental loss or damage, including but not limited to any labor/expense costs involved in the replacement or repair of said product.

Contact the Customer Service Team at 1-877-527-0313 or visit www.homedepot.com.

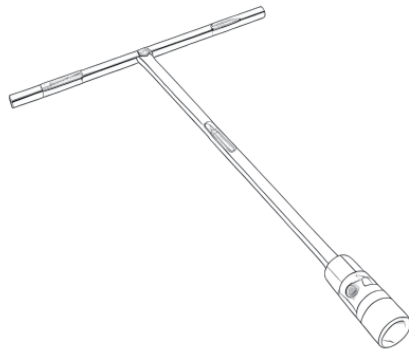
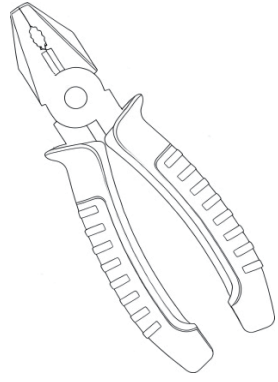
Specifications

Rated voltage, frequency	120V~ 60Hz
Rated current	3.9A
Rated no-load speed of motor	3,450rpm
Rated no-load speed of drum	35rpm
Diameter of drum opening	15"
Drum capacity	3.5 Cubic Feet
Diameter of Wheel	9"
Weight	84lbs

Pre-installation

Tools Need

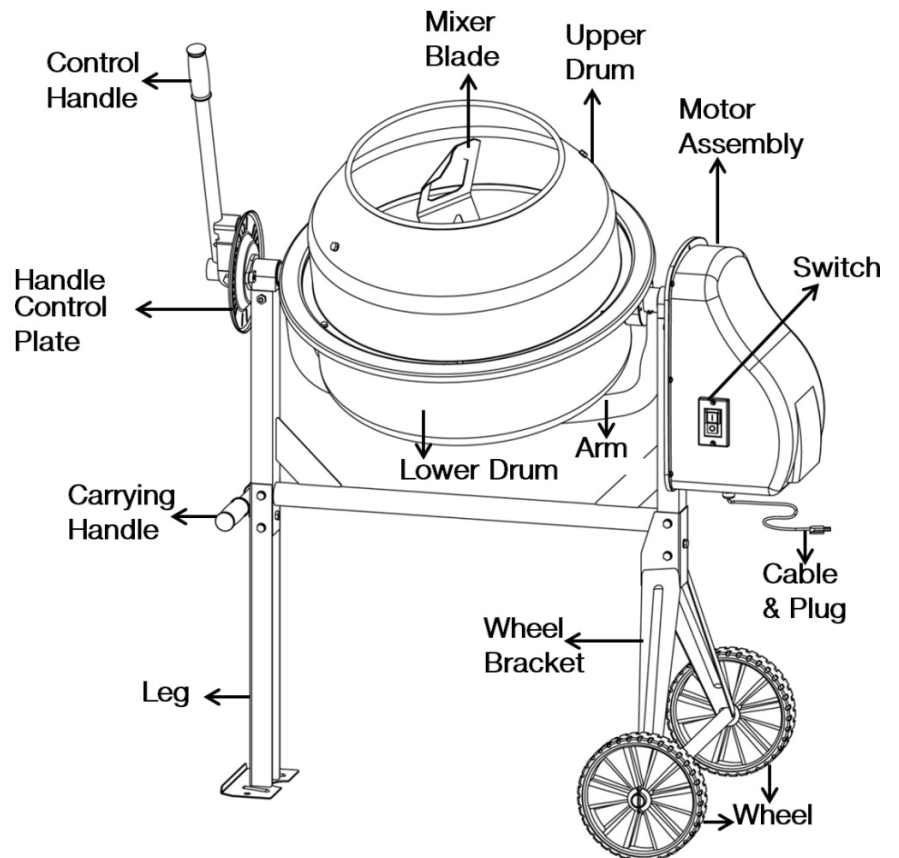
The following tools (not included or drawn to scale) are needed for assembly:

		
10mm Open-end Wrench 12mm Open-end Wrench 14mm Open-end Wrench 17mm Open-end Wrench	10mm Socket Wrench	Pliers

Estimated Installation Time: 30 minutes

Number of people required: 1

Know Your Concrete Mixer



Pre-installation (continued)

Package Contents

Some of the Loose Parts shown below are stored in the drum. Parts not drawn to scale:

Figure 2

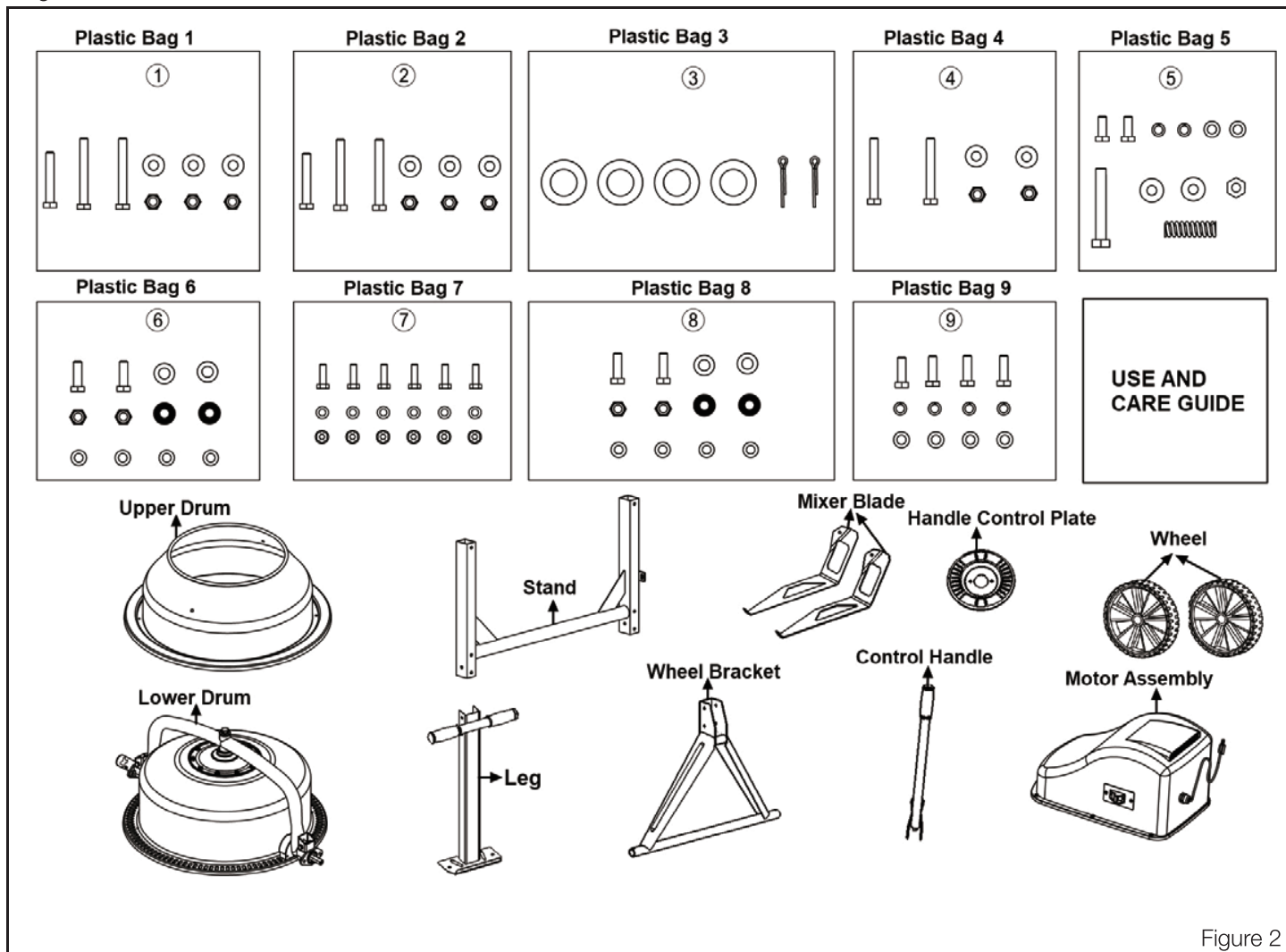


Figure 2

1. Hardware Details in Plastic Bag:

Plastic Bag	Descriptions	Q'ty	Plastic Bag	Descriptions	Q'ty
Plastic Bag 1	1) Hex Bolt M8X55 2) Hex Bolt M8X65 3) Big Flat Washer 4) Flange Nut M8	1pc 2pcs 3pcs 3pcs	Plastic Bag 3	1) Cotter Pin 2) Flat Washer	2pcs 4pcs
Plastic Bag 2	1) Hex Bolt M8X55 2) Hex Bolt M8X65 3) Big Flat Washer 4) Flange Nut M8	1pc 2pcs 3pcs 3pcs	Plastic Bag 4	1) Hex Bolt M8X60 2) Big Flat Washer 3) Flange Nut M8	2pcs 2pcs 2pcs

Pre-installation (continued)

Plastic Bag 5	1) Hex Bolt M10X70 2) Big Flat Washer 3) Lock Nut M10 4) Hex Bolt M8X20 5) Elastic Washer 6) Flat Washer 7) Coil Spring	1pc 2pcs 1pc 2pcs 2pcs 2pcs 1pc	Plastic Bag 8	1) Hex Bolt M8X20 2) Aluminum Washer 3) Big Flat Washer 4) Flange Nut M8 5) Rubber Gasket	2pcs 4pcs 2pcs 2pcs 2pcs
Plastic Bag 6	1) Hex Bolt M8X25 2) Aluminum Washer 3) Big Flat Washer 4) Flange Nut M8 5) Rubber Gasket	2pc 4pcs 2pcs 2pcs 2pcs	Plastic Bag 9	1) Hex Bolt M8X25 2) Elastic Washer 3) Flat Washer	4pcs 4pcs 4pcs
Plastic Bag 7	1) Hex Bolt M6X16 2) Flat Washer 3) Flange Nut M6	6pcs 6pcs 6pcs			
2. Use and Care Guide		1pc	8. Mixer Blade		2pcs
3. Upper Drum		1pc	9. Handle Control Plate		1pc
4. Lower Drum		1pc	10. Control Handle		1pc
5. Stand		1pc	11. Wheel		2pcs
6. Leg		1pc	12. Motor Assembly		1pc
7. Wheel Bracket		1pc			

Installation

UNPACKING

This product requires assembly.

- Carefully lift mixer from the carton and place it on a level work surface.
NOTE: This tool is heavy. To avoid back injury, keep your knees bent and lift with your legs, not your back, and get help when needed.
- There are 9 steps to assemble this concrete mixer, and each step to use one polybag of hardware. And there are 9 polybags of hardware which have be marked with number in the package. Step 1 to use the hardware of no. 1 polybag, step 2 to use no. 2 polybag, and so on.

1: ASSEMBLING THE WHEEL BRACKET TO STAND

NOTE: There is one label A on wheel bracket, and one label A on Stand, please make sure that the wheel bracket with label A and Stand with label A are on the same side.

- Locate the following parts:
Wheel Bracket with Label A.....1pc
Stand with Label A.....1pc
Hardware in plastic bag 1
Hex Bolt M8X55.....1pc
Hex Bolt M8X65.....2pcs
Flange Nut M8.....3pcs
Big Flat Washer.....3pcs
- Attach the Wheel Bracket with label A to the Stand with Label A using one M8X55 Hex Bolt, two M8X65 Hex Bolts, three Big Flat Washers, and three M8 Flange Nuts. Tighten securely.

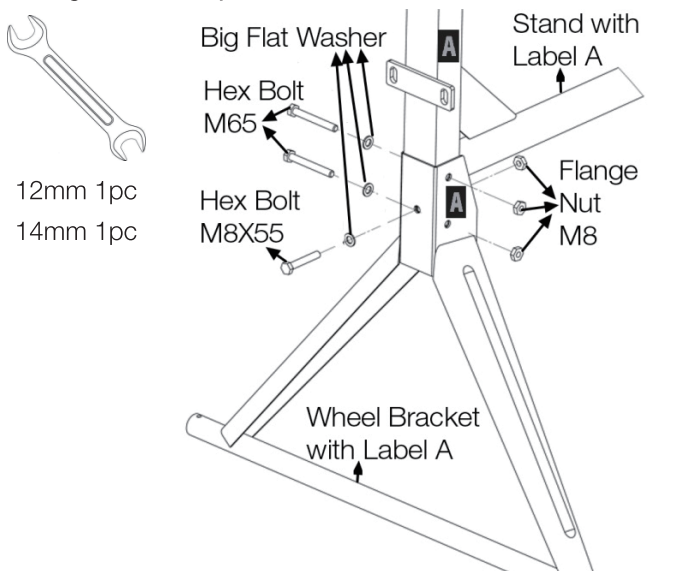


Figure 3

2: ASSEMBLING THE LEG TO STAND

NOTE: There is one label B on the leg, and one label B on Stand, please make sure that the leg with label B and Stand with label B are on the same side.

- Locate the following parts:
Leg with Label B.....1pc
Stand with Label B.....1pc
Hardware in plastic bag 2
Hex Bolt M8X55.....1pc
Hex Bolt M8X65.....2pcs
Flange Nut M8.....3pcs
Big Flat Washer.....3pcs
- Attach the Leg to the Stand using one M8X55, two M8X65 Hex Bolts, three Big Flat Washer, and three M8 Flange Nut. Tighten securely.

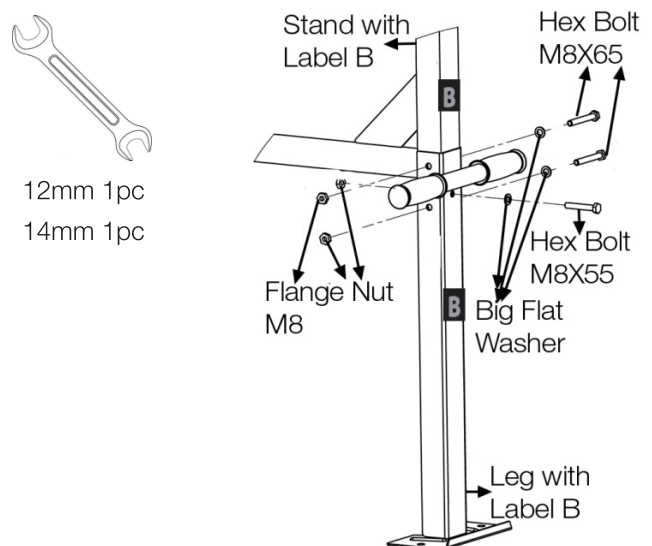


Figure 4

3. ASSEMBLING THE WHEEL

- Locate the following parts:
 Wheel2pcs
 Hardware in plastic bag 3
 Cotter Pin2pcs
 Flat Washer4pcs
- Slide a Flat Washer, Wheel, and second Flat Washer onto each end of the Wheel Bracket axle. Insert a Cotter Pin through holes in each end of Bracket axle and bend Cotter Pins to secure Wheels. Figure 5

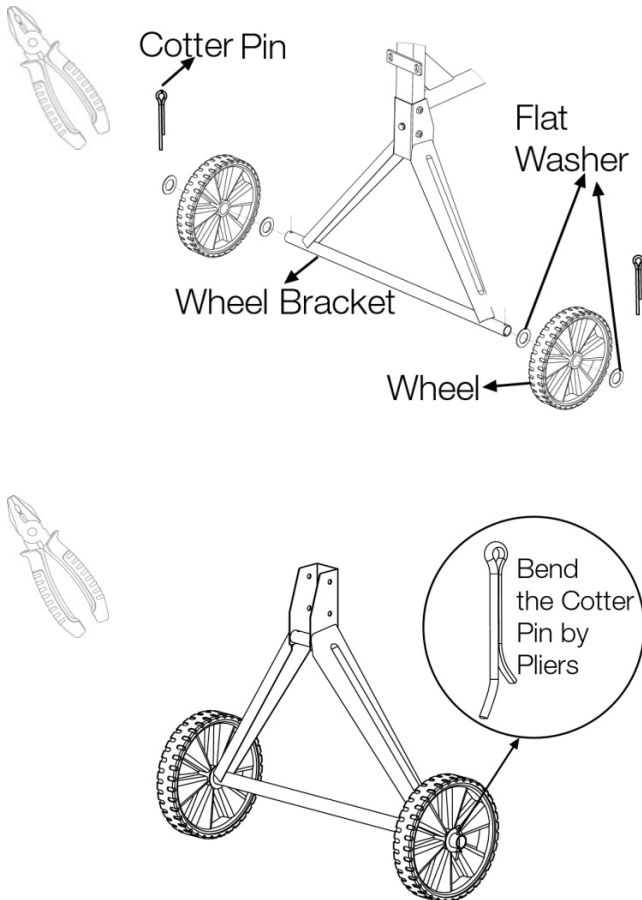


Figure 5

4. ASSEMBLING THE LOWER DRUM ON STAND

NOTE! There is a Plastic Cable Tie to prevent the rotation of the Support Bracket with label A and B in the package. Please cut and remove these two Plastic Cable Ties before assemble the Lower Drum on the Stand Assembly.

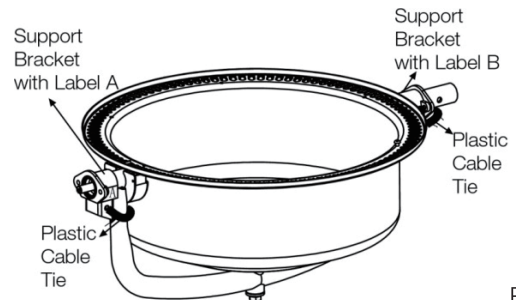


Figure 6

NOTE! There is a label A and a label B on each of support bracket, please make sure all the labels of A and labels of B are in the same side.

- Locate the following parts:
 Lower Drum Assembly.....1pc
 Hardware in Plastic Bag 4
 Hex Bolt M8X602pcs
 Big Flat Washer.....2pcs
 Flange Nut M8.....2pcs
- With assistance, set the Lower Drum attached Arm with Support Bracket onto Stand Assembly. Fasten together using two M8X60 Hex Bolts, Big Flat Washers and M8 Flange Nut. Tighten securely.

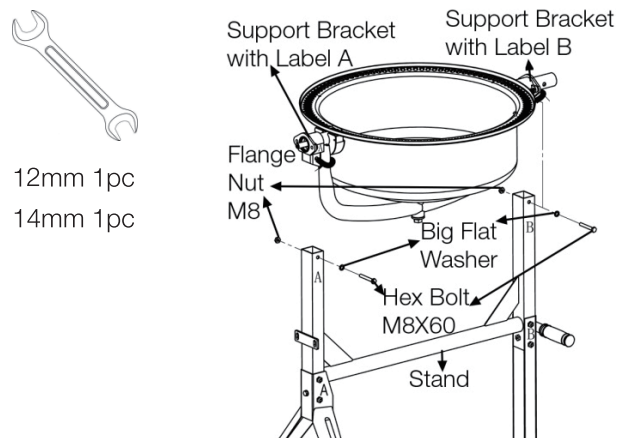


Figure 7

5. ASSEMBLING THE HANDLE CONTROL PLATE AND CONTROL HANDLE

- Locate the following parts:

Handle Control Plate1pc
Control Handle1pc

Hardware in Plastic Bag 5

Hex Bolt M8X202pcs
Elastic Washer2pcs
Flat Washer2pcs
Hex Bolt M10X701pc
Big Flat Washer2pcs
Lock Nut M10.....1pc
Coil Spring1pc

- There is a label on Hand Control Plate to show the direction, and Mount Handle Control Plate to Support Bracket with Label B using two M8X20 Hex Bolts, Elastic Washers and Flat Washers. Figure 8
- Insert Coil Spring onto the pin on the shaft, then put the Control Handle onto the Coil Spring, and mount the Control Handle on Arm using one M10X70 Hex Bolt, two Big Flat Washers and one M10 Lock Nut. Figure 9

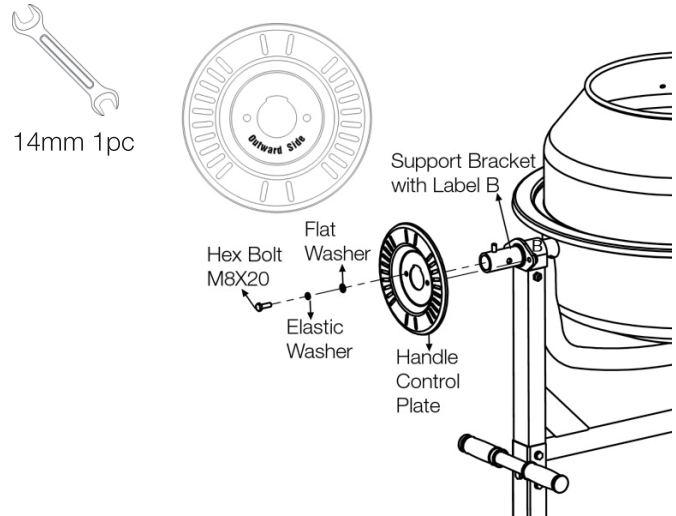


Figure 8

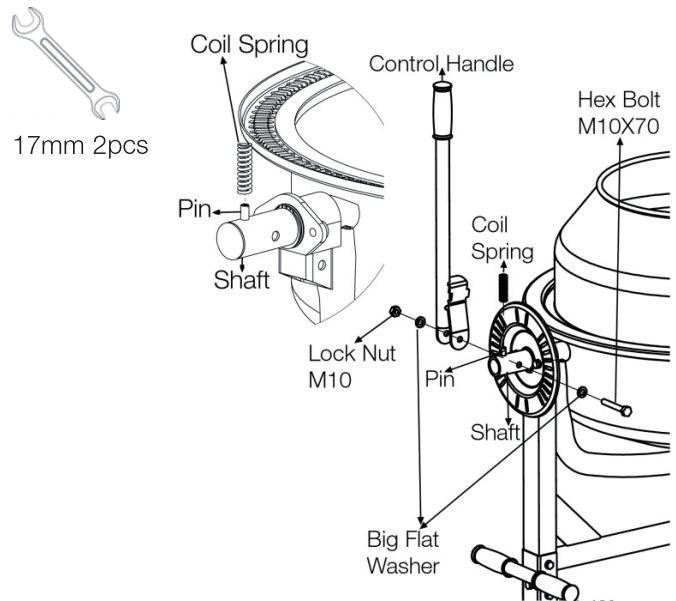


Figure 9

Installation (continued)

6: ASSEMBLING THE MIXER BLADES ON THE LOWER DRUM

NOTE! There is one UP label on each mixer blade, this label is showing the direction of mixer blade, please make sure the end of mixer blade with UP label is on the top side.

- Locate the following parts:

Mixer Blade.....2pcs

Hardware in Plastic Bag 6

Hex Bolt M8X252pcs

Aluminum Washer.....4pcs

Big Flat Washer2pcs

Flange Nut M8.....2pcs

Rubber Gasket2pcs

- Mount Mixer Blade inside Lower Drum using two M8X25 Hex Bolts, Big Flat Washers, Aluminum Washers, Rubber Gaskets and M8 Flange Nuts.

Figure 10

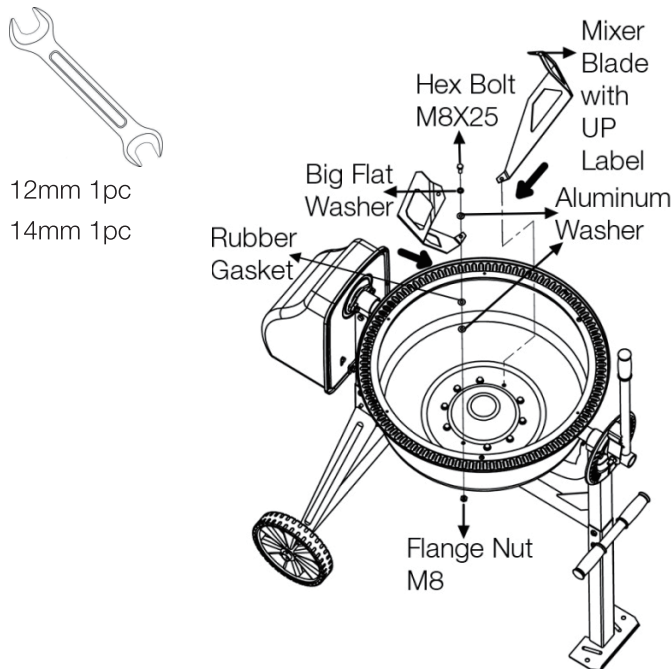


Figure 10

7: ASSEMBLING THE UPPER DRUM ON THE LOWER DRUM

WARNING! Before assemble the upper drum, please discard two transportation protections which have been amounted on the upper drum.

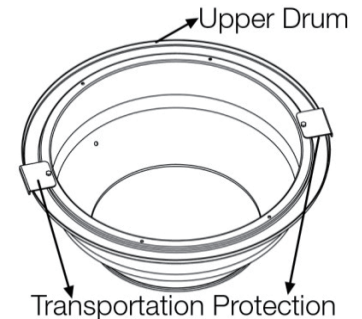


Figure 11

NOTE! There is each one ARROW label on the upper drum and lower drum, when you assemble the upper drum on the lower drum, it is very easy to align the six mounting holes on the drums by aligning these two ARROW labels.

Figure 12

- Locate the following parts:

Upper Drum1pc

Hardware in Plastic Bag 7

Hex Bolt M6X166pcs

Flat Washer.....6pcs

Flange Nut M66pcs

- Place the Upper Drum onto the Lower Drum, and making sure the six mounting holes align in both. Fasten Drums together using six M6X16 Hex Bolts, Flat Washers and M6 Flange Nuts.

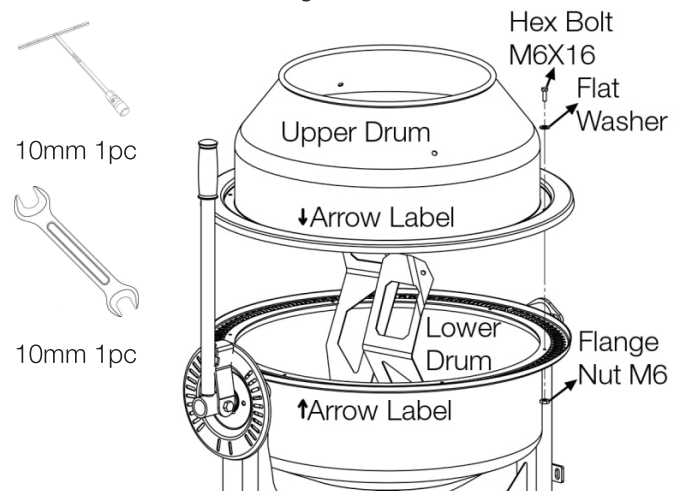
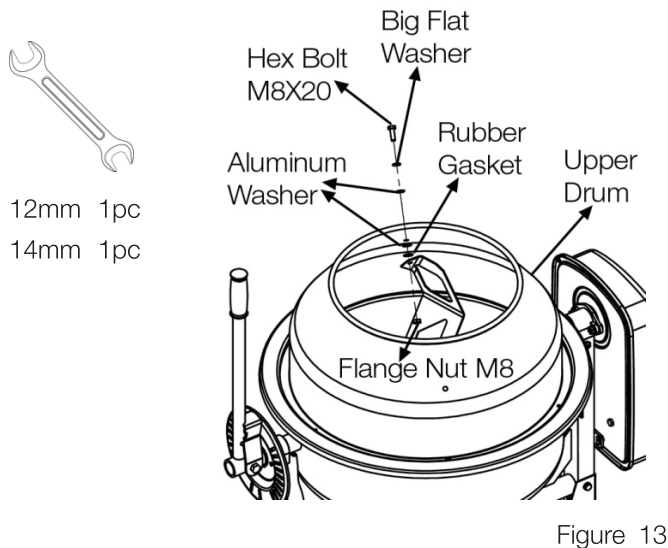


Figure 12

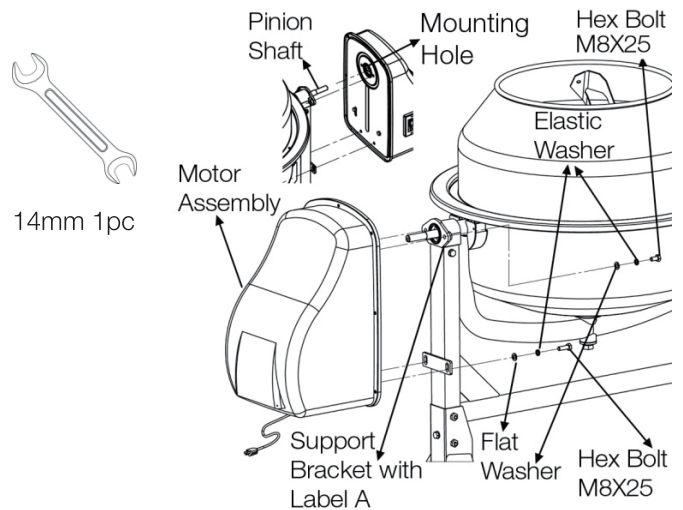
8: ASSEMBLING THE MIXER BLADES ON THE UPPER DRUM

- Hardware in Plastic Bag 8
 - Hex Bolt M8X202pcs
 - Aluminum Washer.....4pcs
 - Big Flat Washer2pcs
 - Flange Nut M82pcs
 - Rubber Gasket2pcs
- Mount Mixer Blade inside Upper Drum using two M8X20 Hex Bolts and Big Flat Washers, four Aluminum Washers, two Rubber Gaskets and two M8 Flange Nuts. Figure 13



9: ASSEMBLING THE MOTOR ASSEMBLY

- Locate the following parts:
 - Motor Assembly1pc
- Hardware in Plastic Bag 9
 - Hex Bolt M8X25.....4pcs
 - Elastic Washer.....4pcs
 - Flat Washer4pcs
- Align the Pinion Shaft with the Mounting Hole on the back of Motor Assembly, secure Motor Assembly on Support Bracket with Label A using two M8X25 Hex Bolts, Elastic Washers and Flat Washers, and secure Motor Assembly on Stand using two M8X25 Hex Bolts, Elastic Washers and Flat Washers. Figure 13



Operation

DANGER:

Risk of explosion. Do not use this tool to mix flammable or explosive materials. Fire or explosion can cause severe burns or death.

WARNING:

Always wear eye protection with side shields marked to comply with ANSI Z87.1 when operating this equipment. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury

WARNING:

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

WARNING:

Use safety equipment. Protect your eyes, skin, and lungs while filling, mixing, and emptying the mixer. Failure to do so may cause serious personal injury.

WARNING:

Do not reach into the drum with your hands or insert any other objects including trowels and shovels into it while mixing. Contact with the mixer blade or substances inside the drum may lead to serious personal injury.

NOTICE:

Before each use, inspect the entire product for damaged, missing, or loose parts such as screws, nuts, bolts, caps, etc. Tighten securely all fasteners and caps and do not operate this product until all missing or damaged parts are replaced. Please contact customer service or a qualified service center for assistance.

WARNING:

Do not allow familiarity with products to make you careless. Remember that a careless fraction of a second is sufficient to inflict severe injury.

APPLICATIONS

You may use this tool for the purposes listed below:

- Mixing stucco, cement, mortar, aggregates (i.e. sand, gravel, etc.) and other materials.

The product may only be placed on a flat surface. To ensure sufficient stability it is necessary to screw the product to a concrete floor with the proper fixation materials including dowels, screws and washers. Ask your specialist dealer for advice if you are not sure.

- Select a location at which the product can be operated permanently. Make sure that you have a suitable socket outlet available in direct surrounding.
- Place the product at the desired position and mark the position of the two holes via mounting holes.
- Move the product aside and drill holes at the marked positions with a suitable power tool.
- Remove any bore dust from the holes and insert a dowel in each of the holes. Make sure the edges are flush with the surface.
- Move the product in its final position and fix it using washers and screws (not provided, recommended size M10). Figure 15

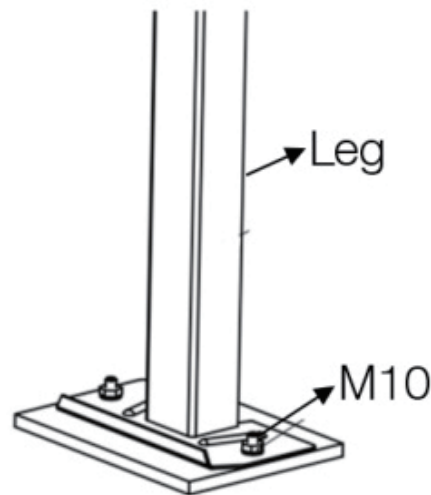


Figure 15

Operation (continued)

Drum tilting (Figure 16)

- The drum is locked into the desired position by the lugs on the control handle, which locks into the slots on the handle control plate on the mixer stand. To tilt the drum, pull the control handle slightly toward you (away from the stand) to disengage the locking lugs. This allows the control handle to turn the drum in the desired direction.
 - To lock the drum in position, slightly release the control handle towards the mixer stand) when rotating the drum. The lugs will slide and then lock into the nearest position on the handle control plate.
- The spring-loaded Control Handle with locking lugs allows for tipping control of the drum, and can be locked in the different position: Loading/mixing – mortar, Loading/mixing – concrete, unload and storage. Figure 16

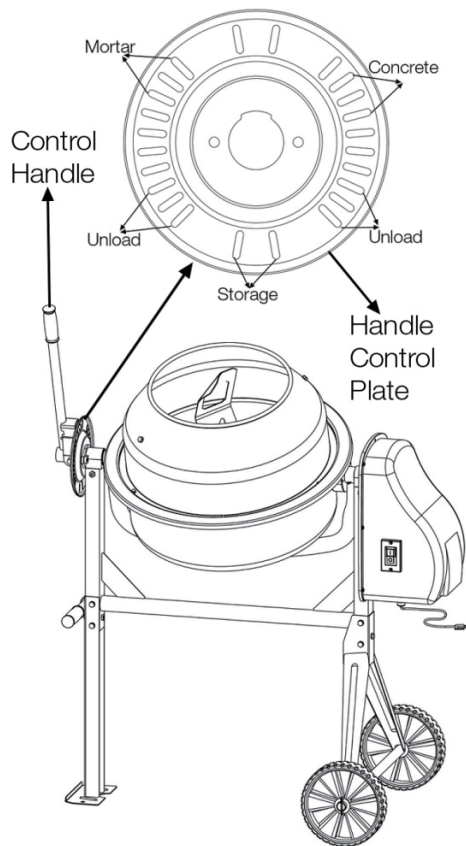


Figure 16

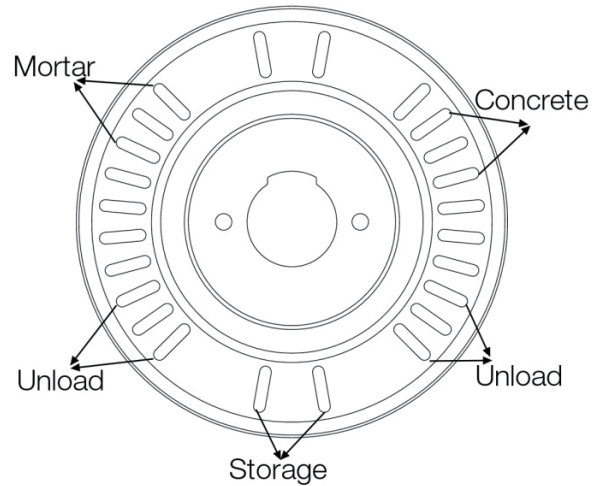


Figure 17

Operation (continued)

Loading/Mixing Position for Mortar

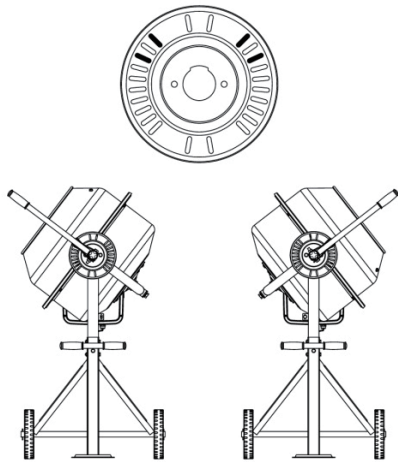


Figure 17-1

Loading/Mixing Position for Concrete

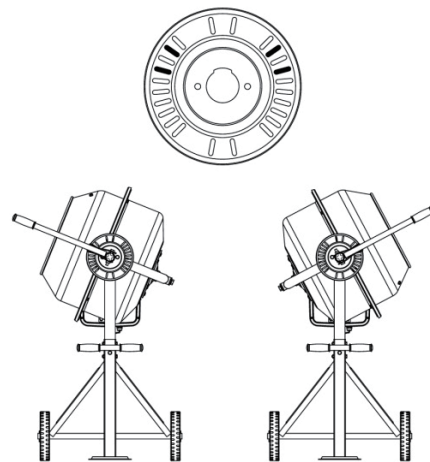


Figure 17-2

Unload Position

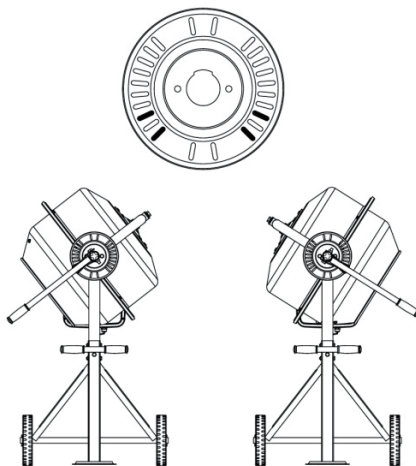


Figure 17-3

Storage Position

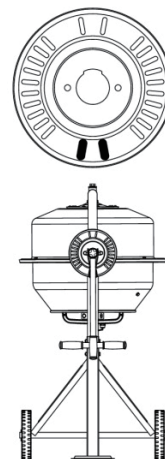


Figure 17-4

Adding/mixing Materials

NOTICE:

Turn the Motor on before filling the Drum. This will protect the Motor and evenly mix materials.

WARNING:

To reduce the risk of a tipping hazard, operate the mixer on a flat, stable surface. Operating the mixer on slopes or uneven surfaces increases the risk of tipping accidents that can result in severe injury. For your safety, always ensure the mixer is stable before and after turning on the motor and never operate the mixer on a surface with an incline greater than 5°.

Operation (continued)

WARNING:

Keep hands away from the drum while it is spinning. Hands and other body parts can be drawn into the drum while it is spinning, resulting in serious personal injury.

WARNING:

Never leave the concrete mixer running unattended. Unplug mixer and empty the drum when leaving work area or when mixer is out of your line of sight.

WARNING:

Mix and prepare materials according to the material manufacturer's instructions.

NOTICE:

Routinely make a visual inspection of the mixer and the material being mixed. Do not let materials dry and harden inside the drum or on any part of the product. Failure to follow this warning could result in property damage or malfunction of the product.

NOTICE:

Use caution when working with fast hardening material such as quick set concrete. A few minutes of inactivity may be sufficient to allow the material to set. Setting times vary, refer to the material manufacturer's instructions.

NOTICE:

Do not exceed the batch capacity of this tool. Overfilling the drum could damage the motor.

- Move the mixer to the work area and ensure it is on a flat, level surface.

NOTE: To increase stability and reduce the risk of a tipping hazard, do not operate the mixer on slopes or uneven surfaces.

- Tilt the drum to your desired position.
- Plug the mixer into a power source.
- Turn the mixer on and let the drum spin.

NOTICE:

Always keep the drum's opening in view when filling or emptying the cement mixer. Certain mixing substances can harden quickly and could cause property damage or personal injury if spilled.

- Carefully pour dry and wet mixing material into the drum. Refer to material manufacturer's instructions for details. Mixing times may vary.
- When mixing is complete empty the drum, turn off the motor, and clean the mixer as described later.

Emptying the Drum

- Add and mix materials as described in the previous section.
- Turn the mixer off.
- Tilt the drum to the unload position.
- Once the drum is empty or the job is complete, tilt the drum to your desired position.
- Clean the mixer as described later.

CLEANING THE DRUM

- Unplug the mixer.
- Empty the drum.
- Tilt the drum to lower the drum opening.
- Using a garden hose, spray clean water into the drum and rinse away any remaining material.
- Dispose of concrete, rinse water, and other substances in areas designated for that purpose. Local, state or federal laws may prohibit disposal of these materials in storm drains, roadsides, landfills, or other locations. Consult your local waste authority for information regarding available disposal options.
- Clean the exterior of the unit using a cloth and warm water.
- Dry the unit completely and store for later use.

Maintenance

WARNING:

When servicing, use only authorized replacement parts. Use of any other parts can create a hazard or cause product damage.

NOTICE:

Periodically, inspect the entire product for damaged, missing, or loose parts such as screws, nuts, bolts, caps, etc. Tighten securely all fasteners and caps and do not operate this product until all missing or damaged parts are replaced. Please contact customer service or a qualified service center for assistance.

General Maintenance

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean clothes to remove dirt, dust, oil, grease, etc

BELT INSPECTION AND TENSIONING

Figure 18

- Retighten Belt after the first 25 hours of use. To test the tension.
- Remove plastic cover (6) from the motor assembly.

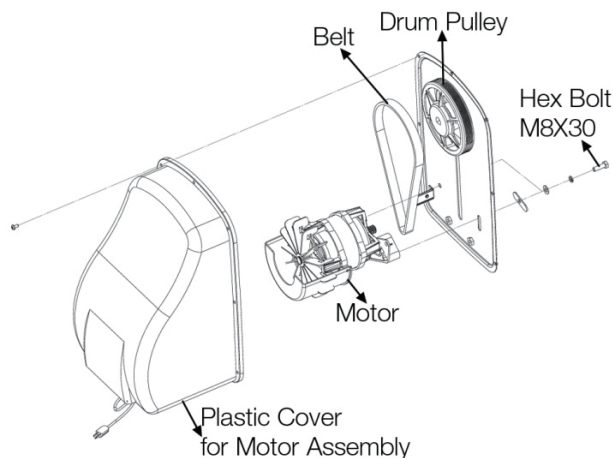


Figure 18

- Examine Belt for cracks, tears in the backing, or other damage. Replace Belt if damaged.
- Loose the two M8X30 Hex Bolts in the back of Motor Assembly.
- Slide the old Belt off of the Drum Pulley first, and remove it from the Motor Shaft.
- Put the new Belt around the Motor Shaft first, then around the Drum Pulley.
- Move the Motor down until the Belt is properly tensioned according to the directions below. Tighten the two M8X30 Hex Bolts.
- Press on the center of the longest span on the Belt with moderate finger pressure. Then measure the deflection distance, the distance that the Belt moved. The Belt should deflect anywhere from 1/2" to 3/4" . Figure 19.

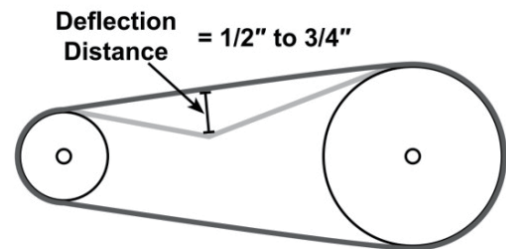


Figure 19

- If the Belt deflects too much, tighten Belt by loosening the two M8X30 Hex Bolts and moving the Motor down slightly, away from the Drum Pulley. Secure Bolts and retest tension. If the Belt is too long to be properly tensioned, it must be replaced.
- If the Belt deflects too little, loosen the two Bolts and lift Motor upward. Secure Bolts and retest tension.

Troubleshooting

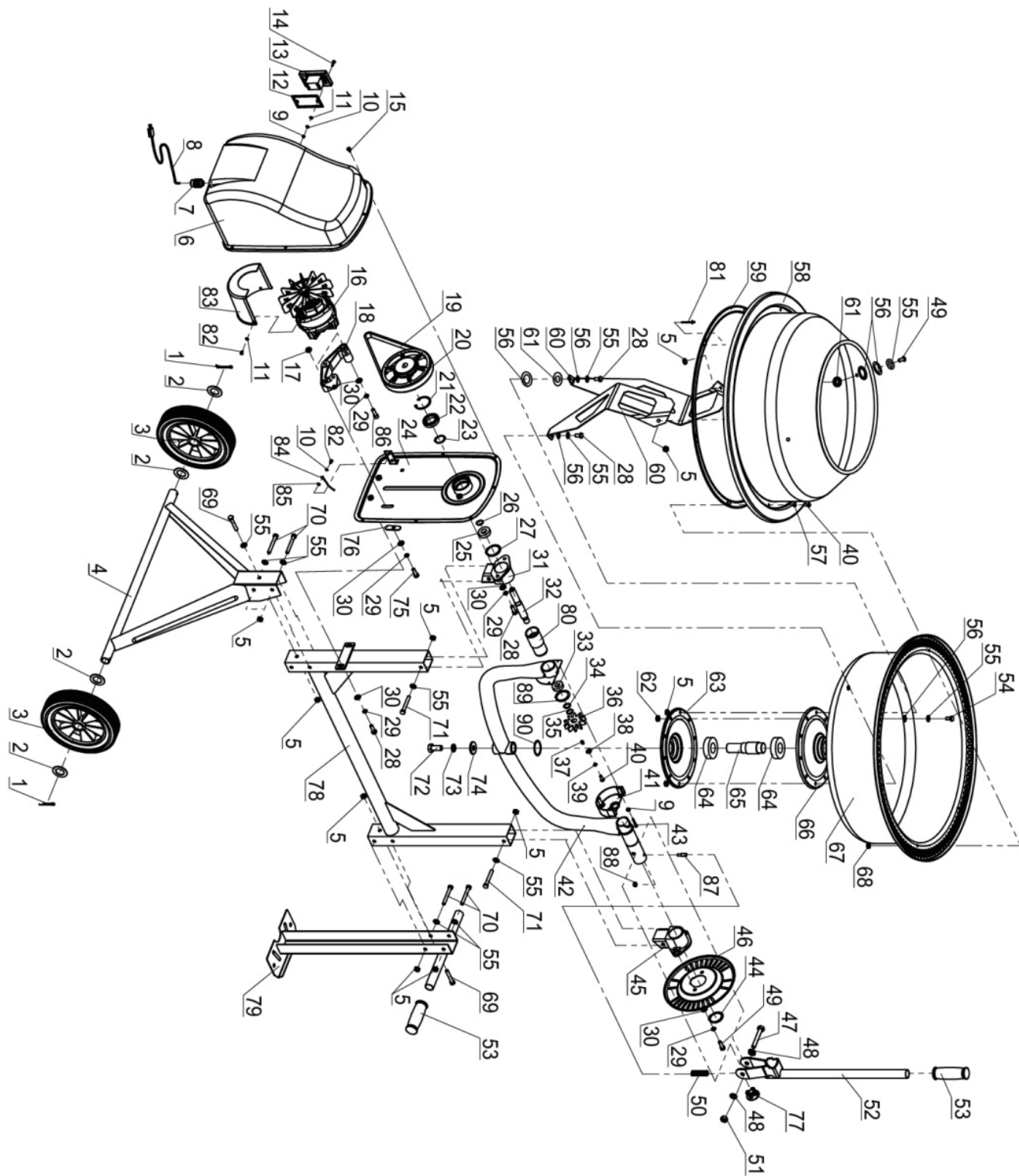
PROBLEM	POSSIBLE CAUSE	SOLUTION
Tool will not start.	1. Cord not connected. 2. No power at outlet. 3. Internal damage or wear.	1. Check that cord is plugged in. 2. Check power at outlet. If outlet is unpowered, turn off tool and check circuit breaker. If breaker is tripped, make sure circuit has the correct capacity for the tool and circuit has no other loads. 3. Have technician service tool.
Tool operates slowly.	Extension cord too long or wire size too small.	Eliminate use of extension cord. If an extension cord is needed, use shorter/heavier gauge cord. See ELECTRICAL section.
Excessive noise or rattling.	Internal damage or wear.	Have technician service tool.
Drum fails to rotate	1. Belt has broken. 2. Motor stops working due to overheat.	1. Replace the new belt. 2. Stop working for a while until motor cools.

Parts List

Part	Description	Qty
1	Cotter Pin	2
2	Flat Washer 27	4
3	Wheel	2
4	Wheel Bracket	1
5	Flange Nut M8	12
6	Plastic Cover	1
7	M12 Strain Relief	1
8	Cable & Plug	1
9	Nut M4	1
10	Elastic Washer 4	2
11	Flat Washer 4	2
12	Switch Plate	1
13	Switch	1
14	Philips Screw M4X12	2
15	Flange Screw M5X10	7
16	Motor	1
17	Nut M8	2
18	Motor Bracket	1
19	Belt	1
20	Drum Pulley	1
21	Hole Retaining Ring	1
22	Ball Bearing 61906	1
23	Shaft Retaining Ring	1
24	Steel Plate	1
25	Ball Bearing 6003	1
26	Shaft Retaining Ring	1
27	Shaft Retaining Ring	1
28	Hex Bolt M8X25	6
29	Elastic Washer 8	8
30	Flat Washer 8	8
31	Support Bracket Seat	1
32	Pinion Shaft	1
33	Ball Bearing 6002	1
34	Shaft Retaining Ring	1
35	Spacer	1
36	Gear	1
37	Flat Key 5X10	1
38	Big Flat Washer	1
39	Elastic Washer	1
40	Hex Bolt M6X16	7
41	Gear Cover	1
42	Arm	1
43	Philips Screw M4X30	3
44	Shaft Retaining Ring Ø38	1
45	Support Bracket Seat	1

Part	Description	Qty
46	Handle Control Plate	1
47	Hex Bolt M10X70	1
48	Big Flat Washer	2
49	Hex Bolt M8X20	4
50	Coil Spring	1
51	Lock Nut M10	1
52	Control Handle	8
53	Rubber Sleeve	3
54	Hex Bolt M8X16	8
55	Big Flat Washer	20
56	Aluminum Washer	16
57	Flat Washer	6
58	Upper Drum	1
59	Rubber Gasket	1
60	Mixer Blade	2
61	Rubber Gasket	4
62	Lock Nut M8	8
63	Bearing Cover, Lower	1
64	Ball Bearing 6005	2
65	Shaft	1
66	Bearing Cover, Upper	1
67	Lower Drum	1
68	Flange Nut M6	6
69	Hex Bolt M8x55	2
70	Hex Bolt M8x65	4
71	Hex Bolt M8x60	2
72	Hex Bolt M10X35	1
73	Elastic Washer	1
74	Flat Washer	1
75	Hex Bolt M8X30	1
76	Steel pad	1
77	Plastic Insert	1
78	Stand	1
79	Leg	1
80	Steel Tube	1
81	Blind Rivet	6
82	Phillips Screw M4X8	5
83	Plastic Cover for Motor	1
84	Earth Terminal	2
85	Teeth Washer	2
86	Screw M8X25	3
87	Slotted Head Screw M6	1
88	Lock Nut M6	1
89	Shaft Retaining Ring Ø37	1
90	Adjusting Shim	2

Exploded View



Questions, problems, missing parts?
Before returning to the store, call Home Depot Customer Service

1-877-527-0313

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Retain this manual for future use