CEMENT MIXER
550W 125L

SPECIFICATIONS
Motor: 550W
No Load Speed: 2950/min
Drum Speed: 34/min
Gross Drum Volume: 125L (4.41 cu ft)
Unmixed Dry Volume: 100L (3.53 cu ft)
Mixed Wet Volume: 91L (3.21 cu ft)
Drum Mouth: Ø375mm (14 ¾”)
IP Rating: IP44
Weight: 48kg

WHAT'S IN THE BOX
Cement Mixer
Assembly Fasteners

WARRANTY
All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the customer service number shown. Please note the following terms under which guarantee claims can be made:

1. These warranty terms regulate additional warranty services, which the manufacturer mentioned below promises to buyers of its new products in addition to their statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you.

2. The warranty services only covers defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer. Please note that our devices are not designed for use in commercial, trade or professional applications. A guarantee contract will not be created if the device has been used by commercial, trade or industrial business or has been exposed to similar stresses during the guarantee period.

3. The following are not covered by our guarantee:
   - Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance.
   - Damage to the device caused by abuse or incorrect use (for example overloading the device or the use or unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused by external forces (for example by dropping it).
   - Damage to the device or parts of the device caused by normal or natural wear or tear or by normal use of the device.

4. Your Product is guaranteed for a period of 36 months from the original date of purchase and is intended for DIY (Do It Yourself) use only. Warranty excludes consumable parts. Guarantee claims should be submitted before the end of the guarantee period within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or parts fitted. This also applies if an on-site service is used.

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO THE PLACE OF PURCHASE WITH YOUR REGISTER RECEIPT.

Please refer to the restrictions of this warranty concerning wearing parts, consumables and missing parts as set out in the service information in these operating instructions.

CUSTOMER SERVICE HELPLINE
GB: 0151 294 4488
IRL: 1850 882711
Ozito-diy.co.uk
KNOW YOUR PRODUCT

CEMENT MIXER
1. Tipping Handle
2. Drum Assembly
3. On/Off Switch
4. Motor and Motor Housing Assembly
5. Locking Plate
6. Frame Assembly
7. Wheels

ASSEMBLY COMPONENTS
8. Assembly Fasteners
9. Lower Drum
10. Locking Plate
11. Tipping Handle
12. Mixing Blades
13. Rubber Gasket
14. Upper Drum
15. Support Leg
16. Motor and Motor Housing
17. Wheels
18. Frame
19. Wheel Frame

SETUP & PREPARATION

1. FRAME ASSEMBLY

WARNING! ENSURE THE TOOL IS SWITCHED OFF AND DISCONNECTED FROM THE POWER SUPPLY BEFORE PERFORMING ANY OF THE FOLLOWING ASSEMBLY.

Tools Required (Not Supplied)
Spanners 13, 14 & 17mm.
Note: It is recommended that two people assemble the cement mixer.

1. Use assembly fasteners bag A

2. First place 2 large washers then wheel, followed by another 3 large washer onto axle of the wheel frame, secure the assembly with split pin. Repeat assembly for other wheel.

3. Align and insert wheel assembly and support leg into the frame.

4. Insert the M8x65 hex bolts with washer through the 2 holes from one side and the M8x55 hex bolt with washer through the end hole of the support leg and secure with nut.

5. Insert the M8x65 hex bolts with washer through the 2 holes from one side and the M8x55 hex bolt with washer through the end hole of the wheel assembly and secure with nut.

6. Tighten bolts and nuts assembled in above steps 4 & 5 with a 13 and 14mm spanners (not supplied).
2. DRUM ASSEMBLY

1. Use assembly fasteners bag B

2. With the help of a second person, carefully set the lower drum onto the side supports of the frame assembly. Ensure the large diameter shaft is at the support leg end of the stand.

3. Secure the lower drum to the frame assembly by inserting the M8x55 bolts with washers into the side supports and secure with the nuts. Tighten with 13 & 14mm spanners (not supplied).

4. Align the Rubber Gasket with the holes and screw heads on the lower drum.

   **Note:** Ensure the Rubber Gasket is not twisted and flat on the lower drum.

5. Use assembly fasteners bag C

6. Position the upper drum over the rim of the lower drum. Ensure that all the mounting holes align as well as the arrows on either side of the rim.

7. Insert the M8x20 bolts, spring washers and flat washers into each of the mounting holes in the rim. Secure each bolt with 14mm spanner (not supplied).

3. MIXING BLADE ASSEMBLY

1. Use assembly fasteners bag D

2. Insert 2 M8x20 bolts and washers into the upper and lower drum from the outside. Place the rubber washer, thin washer onto the bolt followed by the end of the mixing blade and secure with thin washer and nut.

   **Note:** Position the mixing blade inside the drum assembly with the pointed end facing downward.

3. Repeat step 2 for the second mixing blade. Then ensure both ends of the mixing blades are tight.
4. LOCKING PLATE ASSEMBLY

1. Use assembly fasteners bag

2. Slide the locking plate over the large diameter shaft at the support leg end of the frame assembly. Ensure the plate is correctly aligned with the bearing bracket and clear of the circlip.

3. Insert the 2 M8x30 hex bolts, spring washers and washers. Secure with nut from rear of bearing bracket. Tighten with 13 & 14mm spanners (not supplied).

5. TIPPING HANDLE & MOTOR ASSEMBLY

1. Use assembly fasteners bag

2. Insert the M8x16 bolt and spring into the tube of the tipping handle. Engage the locating pins into the locking plate and use this as a lever to compress the spring against the large shaft.

3. Insert the M10x70 bolt with washer and secure with washer and nut. Tighten with 17mm spanner (not supplied).

   **Note:** Ensure the tipping handle easily pivots on the large shaft so that the locating pins can be engaged and disengaged.

4. Use assembly fasteners bag

5. Slide the motor and motor housing over the pinion shaft lining up the key ways. Secure the motor and motor housing to the frame with the bolts, spring washers and washers. Tighten with 14mm spanner (not supplied).
6. PLACEMENT

The product may only be placed on a flat surface. To provide added stability screw the product to a concrete floor with the proper fixation materials including bolts, screws and washers.

**WARNING! DO NOT PLACE ANY MATERIAL UNDER THE PRODUCT TO ADJUST THE HEIGHT OR TO ATTEMPT TO IMPROVE ITS STABILITY! IF THE PRODUCT IS ON AN ANGLE AND/OR WOBBLY, MOVE IT TO A DIFFERENT LOCATION. NEVER OPERATE THE PRODUCT ON SOFT SURFACES SUCH AS A LAWN OR GRAVEL SINCE IT COULD SINK OR TIP OVER DURING OPERATION!**

The Support Leg has two mounting holes that can be used to ensure sufficient stability. Use two screws or bolts (not included, recommended size M10 ) to secure.

**Drip Loop**

To avoid the possibility of the appliance plug or power point getting wet, the user should arrange a “drip loop” in the cord connecting the cement mixer to a wall mounted power point.

The “drip loop” is the part of the cord that sits below the level of the power point (or the connector if an extension cord is used). It prevents water travelling along the cord and coming in contact with the power point.

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7. CONTROLS

**CAUTION! TO REDUCE THE RISK OF ELECTRICAL SHOCK, THE USE OF A RESIDUAL CURRENT DEVICE (RATED 30mA OR LESS) IS RECOMMENDED.**

**Setting the Operating Position**

**WARNING! HOLD THE CONTROL HANDLE TIGHTLY WHILE TURNING IT.**

1. Disengage the locating pins by pulling out on the control handle away from the locking plate to allow the drum to rotate.

2. Rotate the drum to the desired position by aligning the locating pin with two of the holes in the locking plate.

3. Engage the control handle locating pins to secure the position.

The drum can be set at different position to cater for mixing mortar and concrete, emptying or storing.

**Turning the Mixer On and Off**

1. To start the mixer press the green on “I” button.
2. To stop the mixer press the red off “O” button.
For best loading results, proceed as follows:

• Add the required amount of stone into the drum.
• Add the required amount of sand into the drum.
• Add the required amount of cement into the drum.
• Pour the required amount of water into the drum.

Note:
When measuring out cement and ballast (or sharp sand/gravel), use a small bucket to ensure accurate ratios of cement: ballast. Refer to the instructions that come with your cement. Ensure your chosen quantity of concrete is large enough that the cement mixer will function and small enough that it will fit in the drum, see load sizes in specifications section of manual to calculate quantities.

• When the mixture is the right consistency to use, empty the drum. Pour the mixed cement by releasing the tipping handle and rotating the drum to the empty position while the machine is running. Be sure to pour the mix slowly and smoothly to avoid tilting the cement mixer.

• When the drum is empty, turn the cement mixer off.

IMPORTANT! DO NOT TURN THE MIXER OFF WHILE IT’S FULL OF MATERIAL. EMPTY THE DRUM WITH THE DRUM ROTATING.
**TROUBLESHOOTING**

<table>
<thead>
<tr>
<th>FAULT</th>
<th>POSSIBLE CAUSES</th>
<th>SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Cement Mixer does not start.</td>
<td>Not Connected to mains power</td>
<td>Connect to mains power</td>
</tr>
<tr>
<td></td>
<td>Power cord or plug is defective.</td>
<td>Contact Ozito customer service.</td>
</tr>
<tr>
<td></td>
<td>Other electrical defect to the product</td>
<td>Contact Ozito customer service.</td>
</tr>
<tr>
<td>Cement Mixer does not reach full power</td>
<td>Extension cord not suitable for operation with this product</td>
<td>Use suitable extension cord.</td>
</tr>
<tr>
<td></td>
<td>Power source (e.g. Generator) has too low voltage.</td>
<td>Connect to another power source.</td>
</tr>
<tr>
<td></td>
<td>Mixing volume is too large</td>
<td>Reduce the amount of material</td>
</tr>
<tr>
<td>Unsatisfactory result</td>
<td>Mixer blades are dull/damaged</td>
<td>Replace with new ones</td>
</tr>
<tr>
<td></td>
<td>Mixer blades not suitable for work piece material</td>
<td>Use proper mixing blades</td>
</tr>
<tr>
<td>Excessive vibration or noise</td>
<td>Mixer blades are dull/damaged.</td>
<td>Replace with new ones</td>
</tr>
<tr>
<td></td>
<td>Bolts/nuts are loose.</td>
<td>Tighten bolts/nuts.</td>
</tr>
</tbody>
</table>

**DESCRIPTION OF SYMBOLS**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>V</td>
<td>Volts</td>
</tr>
<tr>
<td>W</td>
<td>Watts</td>
</tr>
<tr>
<td>Hz</td>
<td>Hertz</td>
</tr>
<tr>
<td>rpm</td>
<td>Revolutions or reciprocation per minute</td>
</tr>
<tr>
<td>Nm</td>
<td>Newton meter</td>
</tr>
<tr>
<td>ft</td>
<td>Foot</td>
</tr>
<tr>
<td>ft³</td>
<td>Cubic Foot</td>
</tr>
<tr>
<td>kPa</td>
<td>Kilogram Per Square Meter</td>
</tr>
<tr>
<td>HP</td>
<td>Horse power</td>
</tr>
<tr>
<td>!</td>
<td>Danger of electric shock</td>
</tr>
<tr>
<td>Double insulated</td>
<td></td>
</tr>
<tr>
<td>Read Instruction Manual</td>
<td>Wear Safety Boots</td>
</tr>
<tr>
<td>Wear Eye Protection</td>
<td>Wear Safety Gloves</td>
</tr>
<tr>
<td>Do not discharge into drains, soil or water</td>
<td>Do not start the motor if the drum is fully loaded. Do not turn mixer off while full of concrete</td>
</tr>
<tr>
<td>Do not attempt to move the mixer when it is loaded and/or in operation</td>
<td>When operating, do not pass hands through the clearance between frame and support arm or the one between the drum and support arm</td>
</tr>
<tr>
<td>Do not place any part of your body or any tool, like shovel in the drum during operation</td>
<td>Only use or operate the mixer on solid, flat, level ground</td>
</tr>
<tr>
<td>Only use or operate the mixer on solid, flat, level ground</td>
<td>Removing the guard is forbidden</td>
</tr>
<tr>
<td>Do not plug-in mixer with motor cover off</td>
<td>Keep hands out of the way of all moving parts</td>
</tr>
</tbody>
</table>

**SPARE PARTS**

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse or Homebase store.

For further information, or any parts visit www.ozito-diy.co.uk or contact Ozito Customer Service:

- Great Britain: 0151 294 4488
- Ireland: 1850 882711
- E-mail: enquires@ozito-diy.co.uk
**GENERAL POWER TOOL SAFETY WARNINGS**

**WARNING!** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

1. **Work area safety**
   a. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
   b. 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.
   c. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2. **Electrical safety**
   a. 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.
   b. 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.
   c. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
   d. 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.
   e. 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.
   f. If operating a power tool in a damp location is unavoidable, use a residual current device (RCD). Damaged or entangled cords increase the risk of electric shock.
   g. Keep cord away from heat, oil, sharp edges or moving parts. 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.
   h. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
   i. 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.
   j. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
   k. Children should be supervised to ensure that they do not play with the appliance.
   l. Avoid dangerous conditions. Do not use the mixer in wet or damp areas or expose it to rain. Do not use it in areas where fumes from paint, solvents or flammable liquids pose a potential hazard.
   m. Inspect your cement mixer. Check your cement mixer before turning it on. Keep guards in place and in working order. Form a habit of checking to see that keys and adjusting wrenches are removed from the cement mixer area before turning on. Replace damaged, missing or failed parts before using it.
   n. Wear protective gear. Foreign objects may be thrown from the cement mixer while in operation. This can cause facial injuries. Always wear safety goggles and/or face shields.

**WARNING!** For your own safety, do not try to use your cement mixer or plug it in until it is completely assembled and installed according to the instructions and until you have read and understood the following: This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

**WARNING!** When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool. Save these instructions and other documents supplied with this tool for future reference. The manufacturer cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety information.

Before you connect the appliance to the mains supply make sure that the data on the rating plate are identical to the mains data.

This tool is double insulated therefore no earth wire is required.

**WARNING!** Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

Note: The power supply for this product should be protected by a residual current device (rated at 35mA or less). A residual current device reduces the risk of electric shock.

**Cement mixer safety warnings**

- Loading the cement mixer. Do not attempt to load or unload the contents until the cement mixer has stopped. Keep hands out of the way of all moving parts.
- Never leave cement mixer running unattended. Don’t leave cement mixer until it has come to a complete stop.
- Disconnect power. Unplug when not in use, before making adjustments, changing moves, or working on the mixer.
- Maintain your cement mixer with care. Clean the cement mixer immediately after use. Keep the cement mixer clean for best and safest performance.
- Moving the cement mixer. Do not tow the cement mixer by using a vehicle. Use an approved trailer to move the cement mixer if it is to be transported.
- Drugs, alcohol and medication. Do not operate the mixer while under the influence of drugs, alcohol, or any medication that could affect your ability to use it properly.
Declaration of conformity

ISC GmbH - Eschenstraße 6 · D-94405 Landau/Isar

explains the following conformity according to EU directives and norms for the following product

Cement Mixer CMX-125U (Ozito)

2014/29/EU
2005/32/EC, 2006/95/EC
2006/28/EC
2014/35/EU
2006/42/EC
2009/125/EC
2014/32/EU
2014/53/EC
2006/28/EC
2014/30/EU
2014/32/EU
2014/68/EU
90/396/EC
2009/142/EC
89/686/EC
96/58/EC
2011/65/EU
2000/14/EC
2005/88/EC
2006/42/EC
2012/46/EU
EN 60204-1; EN 12151; EN 62321; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3

Landau/Isar, den 06.07.2016
First CE: 16
Arch.-No.: 44.722.91 I.-No.: 11016
Subject to change without notice

Documents registrar: R. Gehard
Wiesenweg 22, D-94405 Landau/Isar

Danger! Read the operating instructions to reduce the risk of injury.

Beware of electrical voltage!

Caution! Wear safety goggles. Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.

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Subject to technical changes
Items supplied
Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equipment and care.
- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

Danger!
The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

Proper use
The Cement Mixer has been designed to mix building materials such as, mortar, adhesive, plaster and similar substances. The relevant mixing action (which depends on the consistency of the materials and the quantity that has to be mixed) must be set up for the appropriate mixing tool.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user/operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

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

Technical data
Main voltage: 230V – 50Hz
Motor: 550W
Gross drum volume: 125 L
Drum mouth opening: 34 mm
No load speed: 2950/min
Drum speed: 34/min
Unmixed dry volume: 100 L
Mixed wet volume: 91 L
Protection class: II/IP44

Sound and vibration
Sound and vibration values were measured in accordance with EN 11688.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>L_pA sound pressure level</td>
<td>79 dB(A)</td>
</tr>
<tr>
<td>K_pA uncertainty</td>
<td>3 dB</td>
</tr>
<tr>
<td>LWA sound power level</td>
<td>96 dB(A)</td>
</tr>
<tr>
<td>K_LWA uncertainty</td>
<td>3 dB</td>
</tr>
</tbody>
</table>

Wear ear-muffs.
The impact of noise can cause damage to hearing. Total vibration values (vector sum of three directions) determined in accordance with EN 11688.

Keep the noise emissions and vibrations to a minimum.

- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance.
- Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.
- Wear protective gloves.

Caution!
Residual risks
Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be ruled out. The following hazards may arise in connection with the equipment’s construction and layout:

1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.

For EU countries only
Never place any electric power tools in your household refuse.

To comply with European Directive 2012/19/EU concerning old electric and electronic equipment and its implementation in national laws, old electric power tools have to be separated from other waste and disposed of in an environmentally friendly fashion, e.g. by taking to a recycling depot.

Recycling alternative to the return request:
As an alternative to returning the equipment to the manufacturer, the owner of the electrical equipment must make sure that the equipment is properly disposed of if he no longer wants to keep the equipment. The old equipment can be returned to a suitable collection point that will dispose of the equipment in accordance with the national recycling and waste disposal regulations. This does not apply to any accessories or aids without electrical components supplied with the old equipment.