

Operating Instructions

Rotating bucket mixer **AOX-S** (230 V/ 110 V)

Manufacturer:

Collomix GmbH
Daimlerstraße 9
85080 Gaimersheim/Germany
Phone: +49 8458 3298-0
www.collomix.com



 **Collomix**

Operator's controls



The AOX when closed



Alternative: DLX mixing tool

| | | | |
|---|--------------|---|-------------------|
| 1 | Tub mount | 5 | Mixing tool drive |
| 2 | 65 liter tub | 6 | ON/OFF button |
| 3 | Mixing tool | 7 | Carrying handle |
| 4 | Swivel arm | 8 | Machine plug |

Technical data

| | |
|----------------------|---|
| Size mixing tub: | 65 liter |
| Capacity: | max. 50 kg (depends on material to mix) |
| Motor Rotary table: | 0,55 kW / 230 V/110V ~ 50 Hz |
| Speed of mixing tub: | 18 min ⁻¹ |
| Motor Mixing tool: | 1 kW / 230/110 VAC, 50 Hz |
| Speed Mixing tool: | 750 min ⁻¹ |
| Weight: | 51 kg |
| Dimension: | 600 x 820 x 870 mm |

Declaration of EC conformity

We declare herewith that this product conforms with the following standards and standard-setting documents: EN 12100:2010, EN 60745-1:2009; EN 60745-2-1:2010, EN 60204-1; EN 55014-1, EN 55014-2; EN 61000-3-2, EN 61000-3-3 in accordance with directives 2004/108 EEC, 2006/42 EEC; 2001/65/EEC

A. Essing, Managing Director

Safety instructions

Please read and observe these instructions before you work with the machine. There is a direct risk of personal injury or harm to the health of the user or third party if these instructions are not observed.

The machine is to be used and work of maintenance carried out only by persons who have read the operating instructions and who are acquainted with the occupational safety and accident prevention regulations in force in your country.

Never use the machine if it is not in good working order, use it for the intended use only and have proper regard for safety and danger at all times. All faults which may impair safety must be rectified immediately!

Wear close-fitting clothing and safety shoes when using the machine and never wear jewelry of any kind. Wear a hair net if you have long hair.

Make sure the machine stands securely.

Comply with all electrical regulations applicable to the place of use when you set up the machine.

Check that the current voltage shown on the rating plate is the same as the mains power supply.

Do not expose the machine to rain or wet conditions. Water entering into the motor will increase the risk of electric shock.

Do not reach into the mixing container with your hands or any objects while mixing. Risk of crushing!

Always pull out the mains plug when not using the machine, before changing the mixing tool or before starting any maintenance work.

Never use the cable to pull the plug out of the socket outlet. Protect the cable from heat, oil and sharp edges.

For outdoor use, use only cables which have been approved for the purpose and bear corresponding markings.

Never connect the machine to household socket outlets. It may only be connected to special power outlets, e.g. distribution boards for construction sites with earth-leakage circuit-breakers.

If a cable reel is used, the cable must be fully unwound. There is a risk of the cable catching fire from overheating. It can also cause a loss of power which will in turn trigger the undervoltage fuse.

Never use the machine in any areas where there is a potentially explosive atmosphere. Risk of explosion!

Always make sure the machine is at a standstill before you ever take any material samples.

The consequence of deliberately shutting off any of the safety functions is acute an risk of accidents and injury.

Always wear ear protection while working with the machine.



Proper Use

The AOX-S rotary mixer is an automatic mixing device for the mixing of diverse types of construction materials. The materials which can be mixed will depend on the mixing tool used:

KR mixing tool: Diverse types of mortar, screed, concrete and plasters (excluding gypsum plaster).

DLX mixing tool: Adhesive, fillers and leveling compounds, thin-bed mortar, gypsum plaster, paints and coverings.

The maximum recommended mixing volume is 50 kg per mixing operation. It is recommended that you check the amount of time required for mixing by running tests with the required material first. This device is not suitable for use with foodstuffs.

Working Principle

Fill the tub with water and the dry material with the rotary mixer open.

Then lower the mixing tool with the help of the swivel arm and switch the mixer on at the same time with the green ON button. The tub begins to rotate in a counter-clockwise direction and the mixing tool starts. The material should be ready for use within three minutes. The mixing tool switches off whenever the device is opened.

Using for the first time

The machine is delivered ready for use in cardboard packaging, the net weight is 51 kg.

Connect the machine plug to the mains power outlet via a suitable extension rubber-cable (type H07 RN-F, min. \varnothing 1.5mm²). This must have an fault current circuit-breaker (e.g. earth-leakage circuit-breaker).

Moving the machine

The machine comes with a hinged handle for effortless transportation by one person.

Operation

Fill the mixing tub with the mixing material with the tub open.

Press the green START button. The mixing tub begins to rotate.

Swing down the swivel arm and submerge it in the mixing material. While lowering, the mixing tool will start to rotate fast. The mixing material is guided to the mixing tool as a result of the rotation of the tub.

To stop the mixing operation, press the red OFF button and the machine comes to a stop.

Whenever the swivel arm is raised, the mixing tool drive switches off immediately. The tub continues to rotate. To stop it, press the red STOP button.

To change the mixing tool, place an open-ended wrench on the hexagon mount for the tool and another one on the mixing shaft and slacken.

Faults

The machine comes with an undervoltage trigger. This will trigger and shut down the machine if ever there is a drop in voltage in the mains power supply, if the cable is too long or if the power connection is ever cut. Restart the machine when the fault has been rectified.

The thermostat on the motor will switch off the machine if the tub drive is overloaded as a result of too much mixing material or if the mixing material is too viscous. Reduce the amount of mixing material and allow the motor to cool down. Then restart the machine

Maintenance

Always pull out the power plug before carrying out any maintenance work.

Make sure that the machine and operator's controls are always kept clean and in good working order. Grease all moving parts at regular intervals with ESSO EP 2 or Mobilux EP 2.

Replace all damaged or bent machine parts.

Keep the ventilation slits on the mixing tool drive clean at all times to make sure there is always adequate ventilation.

The mixing tool drive comes with self-deactivating carbon brushes. When the minimum length is reached, the machine is switched off. The carbon brushes should only ever be replaced by a qualified electrician.

Use only the genuine Collomix mixing tub Art. 60.403 to replace worn mixing tubs. Only by using this tub can it be guaranteed that the machine will work properly.

Faults in the electrical equipment should only be repaired by a qualified electrician.

Disposal

The machine, accessories and packaging should be properly recycled and never disposed of with household waste.

All devices which are no longer suitable for use can be taken for recycling to the nearest public depot for electrical scrap or sent delivery free to the address shown below.

Warranty

The manufacturer provides a 24 month warranty in respect of all production or material defects. Please note that all warranty claims must be accompanied by a proof of purchase.

Warranty and liability claims for personal or material damages are excluded if attributable to one or more of the following causes:

- Improper use of the machine
- Improper start-up, operation or maintenance of the machine
- Damage caused by excessive accumulations of dirt and/or incorrect cleaning.
- Unauthorized structural modifications to the machine.
- The use and installation of non-original replacement parts.

