

# Operating Instructions

## Rotary Mixer POX-S



**Collomix<sup>®</sup>**

## Operator's controls



The POX when closed

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

## Technical data

Size mixing tub:	65 liter
Capacity:	- 50 kgs
Motor Rotary table:	0,75 kW / 230 VAC, 50 Hz
Speed of mixing tub:	50 min <sup>-1</sup>
Weight:	48 kg
Dimensions:	600 x 820 x 720 mm

## Proper Use

The POX-S rotary mixer is an automatic mixing device for the mixing of construction materials with aggregates containing sand or gravel of up to 8 mm in size, for example: diverse types of mortar, screed, concrete and plasters (excluding gypsum plaster).

The maximum recommended mixing volume is maximum 50 kgs 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. Start the machine while pressing the green ON-button. The tub begins to rotate in a counter-clockwise direction. Then lower the mixing tool with the help of the swivel arm. The turning movement presses the mixing tool fully into the material. The material should be ready for use within five minutes.

## 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 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.

## Using for the first time

The machine is delivered ready for use in cardboard packaging. The machine has a net weight of 48 kg.

Connect the machine plug to the mains power outlet via a suitable extension rüber-cable (type H07 RN-F, min. Ø 1.5mm<sup>2</sup>). 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.

Swing down the swivel arm with the mixing tool and submerge it in the mixing material.

Press the green START button.

The mixing tub begins to rotate. The mixing material is guided through the mixing tool as a result of the rotation of the tub. If larger amounts of material remain unmoved, they can be loosened again by lifting the swivel arm.

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



## 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.

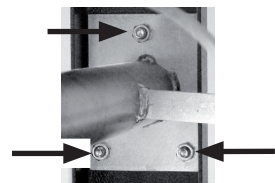
Make sure that the machine and operator's controls are always kept clean and in good working order. Grease all moving parts at regular intervals with ESSO EP 2 or Mobilux EP 2.

Replace all damaged or bent machine parts.

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.

To replace the mixing tool, unscrew the three screws on the swivel arm.



## 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.

## Declaration of EC conformity

We declare herewith that this product conforms with the following standards and standard-setting documents: EN 12100; EN 60204; EN 55104; EN 61000-4 in accordance with directives 2006/95 EC, 2004/108 EEC, 2006/42 EEC

  
A. Essing, Managing Director