

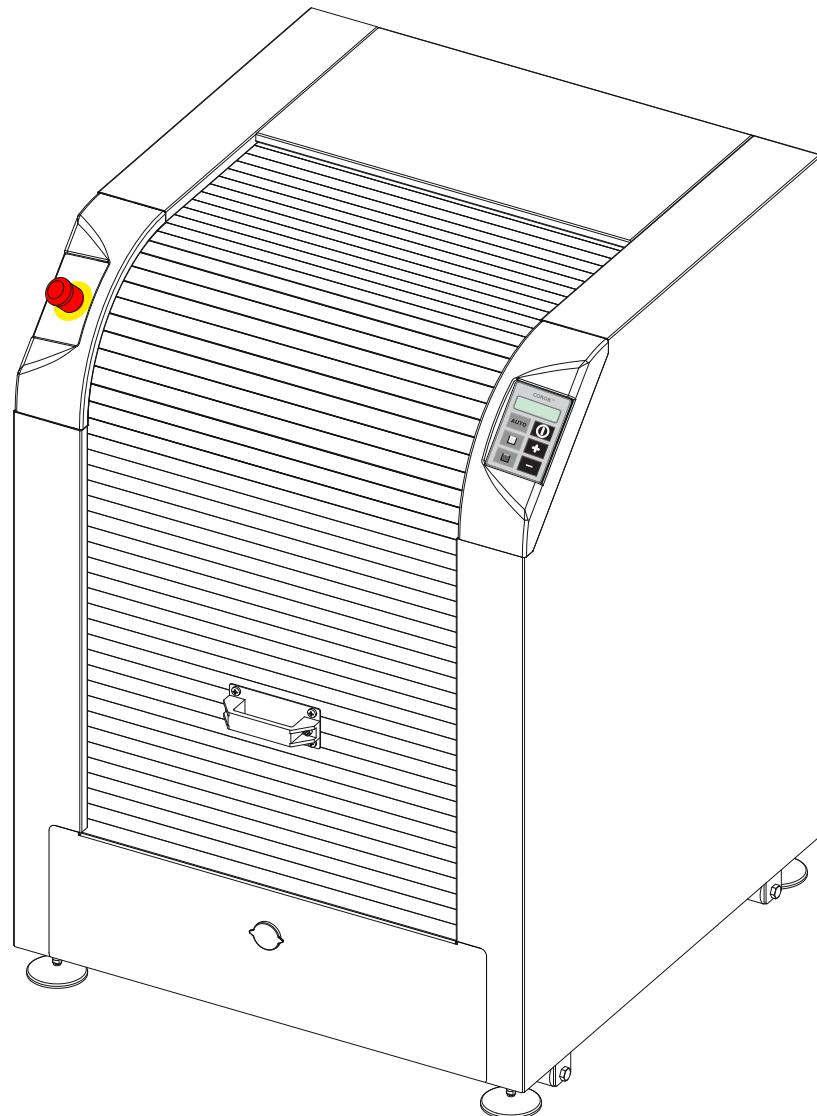
corob

FIRSTmix 100

V03

Gyroscopic Mixer

User's Manual



**CE UK
CA**

EN

User's manual
Gyroscopic mixer
FIRSTmix 100
Version V3.0 - R1 (08/2023)
ORIGINAL INSTRUCTIONS

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1 GENERAL INFORMATION

1.1 Purpose and use of this manual

Read this manual carefully before using the machine.

This manual, inserted in the product packaging, contains instructions on the use and routine maintenance needed to uphold the machine's performance over time. The manual contains all information needed to correctly use the machine and avoid any accident.

The manual is to be considered an integral part of the machine, and must be stored until it is fully dismantled.

The manual contains all information available at the time of preparation regarding the machine and any accessories; for accessories, the manual includes any variations or changes that involve different operating procedures.

Should it be lost or partially ruined, so that its contents can no longer be read in full, you must request a new manual from the manufacturer.

If the images contained in this manual show the machine without the guards and/or employees without personal protective equipment, it is only for the purpose to make clearer the discussion of the issues.

Some of the illustrations in this manual were taken from prototypes; some details may differ on machines in standard production.

1.1.1 Conventionally used graphics

Boldface type is used to highlight notes or information of particular importance to a topic.

DANGER

Indicates a risk of personal injury.

WARNING

Indicates a risk of damage to the machine that could interfere with its operation.



Indicates important instructions referring to precautionary rules and/or measures to adopt.



Indicates situations and/or operations that involve the management software installed on the computer.



Indicates that to carry out the intervention described, the use of the specified tools is required.

1.2 Definitions

OPERATOR

A person familiar with the methods to produce paints or similar products, trained and authorized to operate and use the machine by its controls and to load and unload production materials with all safety devices installed and enabled. He or she must work only in safety conditions and is allowed to carry out routine maintenance operations.

MAINTENANCE TECHNICIAN

Specialist prepared and trained in a technical field (mechanical and electrical) and assigned by the manufacturer to work on the machine to perform machine installation, adjustments, repair breakdowns or carry out maintenance.

2 FEATURES

2.1 Description of the machine

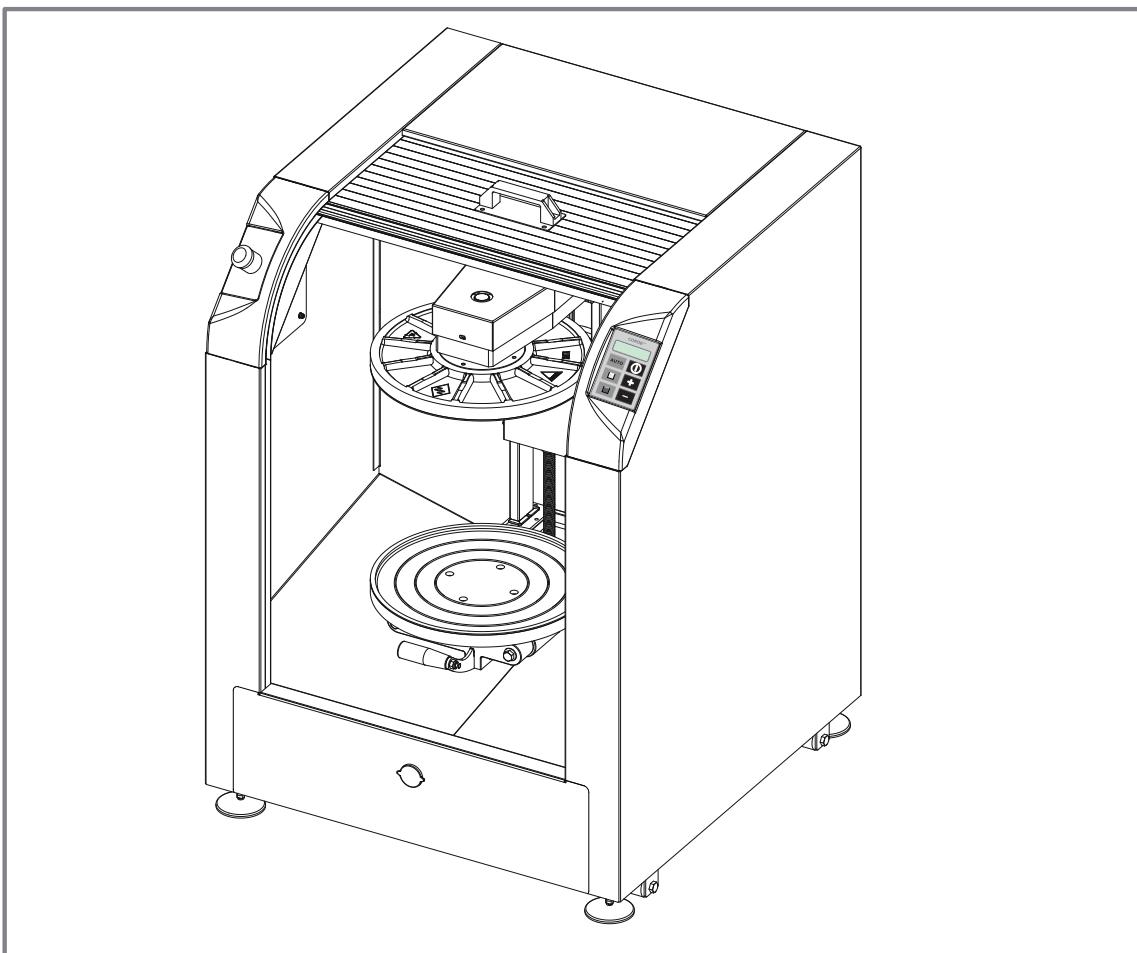
The gyroscopic mixer **FIRSTmix 100** with automatic clamping system allows mixing of non-explosive paints contained into metal or plastic containers.

It is suitable to handle cans of different size. The machine can also handle square cans. The machine is also capable to mix more than one can simultaneously. Specially designed bottom plate is available upon request, to manage different shape of cans and also to allow multi-cans management.

Clamping of the can is performed automatically.

The bottom pull-out plate makes it easy and fast to load and unload cans.

The mixing cycle always ends with the can in vertical position and the clamping plates fully open.



It features a membrane keyboard that allows to carry out a fully automatic mixing cycle (**AUTO** key) or choose among pre-set mixing cycles.

During machine normal operation, the adjusting keys **+** and **-** allow to manually vary the pre-set mixing time, before starting the cycle. They are also used to command door opening or allow to unlock it manually.

A display shows the description of the pre-set program, the actions performed by the machine and any error messages.

2.2 Performance and features

Mixing speed	Automatic (based on can size) or pre-set (customized cycles) 95 to 140 RPM
Maximum Mixing time	Manually set: <ul style="list-style-type: none">• in AUTO mode (based on can size)• from 30 seconds to 20 minutes• up to 40 minutes (only with specific tech configuration)
Clamping	Automatic (based on can size) or pre-set (customized cycles)
Working cycle	Continuous
Direction of rotation of the mixing mechanics	Bi-directional
Type of can	Round, Square
Maximum can weight	35 kg / 77 lb
Minimum can height	100 mm [3.9"]
Maximum can height	400 mm [15.7"]
Maximum can diameter	340 mm [13.4"]

2.3 Intended use and reasonably foreseeable misuse

The machine is intended for professional use to mix non-explosive paints contained into metal or plastic containers.

To mix paints or tinting products that contain flammable solvents it is mandatory that these are packaged in UN approved containers.

The use of flammable paints or tinting products that can emit potentially explosive vapors can lead to explosion or fire risks.

To find out how to avoid the risk of generating dangerous situations for the operator or the risk of explosion or fire, consult the manufacturer of the products to be mixed (base, colorants).

Scrupulously follow the instructions for use given on the colorant package and carefully read the **MATERIAL SAFETY DATA SHEETS (MSDS)** that the dealer or manufacturer of the product is required to provide.

The machine must be used in small, medium and large point of sales or professional paint stores.

The machine must be used only within the limitations set forth by the technical specifications and according to the procedures described in this manual.

Any use of the machine other than that stated, which cannot be implied or deduced from this manual, is to be considered improper and unintended therefore it voids any manufacturer's liability arising from non-compliance with these requirements.

2.4 Identifying information

The machine has an identification plate (chapter 3.4), indicating:

1. Manufacturer's name.
2. Marking.
3. Machine model.
4. Month and year of manufacture.
5. Serial number.
6. Electrical specifications.



Do not remove or tamper with the identification plate in any way.

3 SAFETY

3.1 Safety warnings and unauthorized use



COMPULSORY

- **Read the user's manual carefully before carrying out any operation on the machine.**
- The machine must be used only for its intended purpose.
- Pay close attention to the signs on the machine.
- When prescribed, wear personal protective equipment.
- Only qualified and appropriately trained personnel (MAINTENANCE TECHNICIAN) are authorized to access the machine parts protected by panels for extraordinary maintenance and repair interventions.
- Any routine maintenance intervention performed by the operator must be carried out with the machine off and the power supply cable disconnected from the mains socket outlet.
- The machine must be used by **a single operator**. Unauthorized people who could reach or touch machine parts during operation must not be admitted in the nearby area.
- The workplace for the operator who must use the machine is located at the front.
- Do not stand or lean in the movement area of the automatic door, because the machine opens it automatically at the end of the cycle. Keep enough free space and do not put objects on top of the machine. Keep your hands away from the dangerous area.
- Never force the door up manually while it is automatically opening.
- Do not stand or lean in the movement area of the automatic door, because the machine opens it automatically at the end of the cycle.
- The machine must be used by an operator who has attained the age of majority and is in suitable psychophysical conditions defined by an occupational physician.
- The substances that may be used on the machine -- such as colorants, paints, solvents, lubricants and cleansers -- may be hazardous to your health; handle, store and dispose of these substances in keeping with current regulations and the instructions provided with the product.
- During routine maintenance operations, scrupulously follow the safety instructions given in the corresponding chapters before accessing the dangerous area.



PROHIBITED

- It is forbidden to use cans having characteristics other than those stated in this manual.
- It is forbidden to use the clamping movement of plates to close the can lid.
- It is forbidden to climb onto the bottom clamping plate and/or onto any other parts of the machine.
- It is forbidden to use the machine as a working surface; it is also prohibited to leave objects on the machine during its operating.
- **THE MACHINE IS NOT EXPLOSION-PROOF AND MUST NOT BE USED IN CLASSIFIED AREAS (AREAS AT RISK FOR EXPLOSION).**
- It is forbidden to smoke in the machine nearby area.
- Avoid naked flames or material that may create sparks and cause a fire.
- The machine must not be employed for food use.
- The OPERATOR must not carry out operations reserved to the MAINTENANCE TECHNICIAN or the INSTALLATION TECHNICIAN. The manufacturer CANNOT BE HELD RESPONSIBLE for damages deriving from the non-observance of this prohibition.
- It is strictly forbidden to use the machine without protections or with any safety devices present on the machine disabled, broken down, or removed. The panels must be kept closed at all times.
- If the machine catches fire, **never use water**. Use only dry powder or carbon dioxide fire extinguishers, and strictly follow the instructions and warnings indicated by the manufacturer and listed on the extinguisher.



ELECTRICAL DANGER

- The user must connect the machine to a TN or TT power supply system, equipped with an RCD (Residual Current Devices) protection device that automatically intervenes in the event of a fault.
- **ALWAYS PLUG THE MACHINE INTO A SOCKET THAT ENSURES PROPER GROUNDING.** The line must be protected from overloads, short-circuits and direct contacts according to current accident prevention regulations. Incorrect grounding may lead to the risk of electrical shock.
- The machine must not be powered by a power source having specifications other than those listed on the identification plate.
- To prevent any risk of electrical shock or injuries, use the machine indoors only. It is prohibited to use the machine outdoors where it could be subjected to rain or high humidity.
- Always unplug the power supply cable from the socket outlet before carrying out any maintenance operations.
- The machine is isolated from the power supply line when the power cable is disconnected; it must therefore be installed near an easily accessible mains socket outlet.
- Do not use extension cords to power the machine.
- Do not use multisockets to connect other equipment to the same socket that powers the machine.
- Periodically check the condition of the power supply cable; if it is damaged, replace it with a new cable supplied by the manufacturer.

3.2 Warnings on the use of products



DANGER

The machine is suitable for use with tinting products in general. Scrupulously follow the instructions for use given on the colorant package and carefully read the **MATERIAL SAFETY DATA SHEETS (MSDS)** that the dealer or manufacturer of the product is required to provide.

Observe all of the safety instructions provided. When compulsory, wear the specified personal protective equipment.

Below are some of the most common warnings and safety precautions provided by tinting products manufacturers.

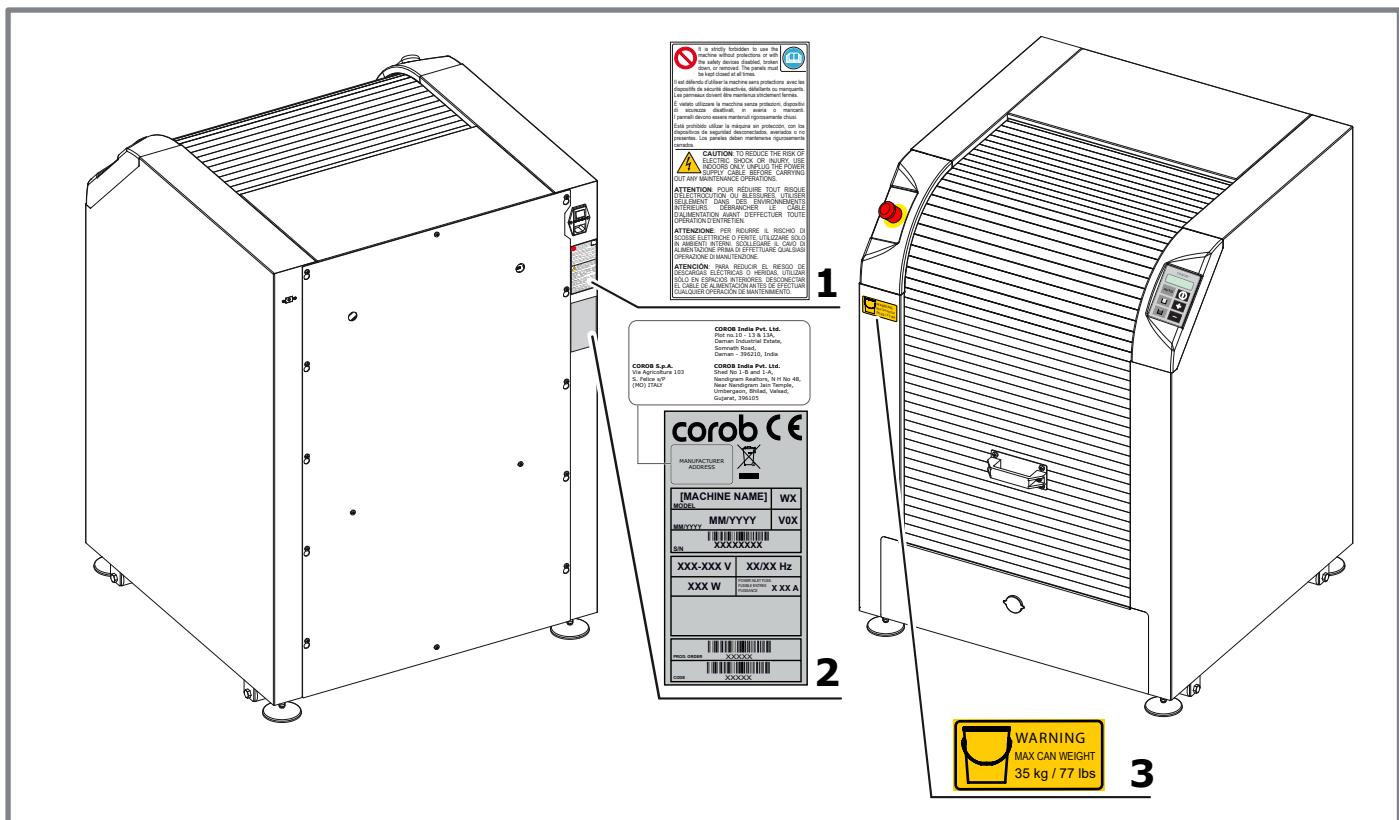
1. Harmful if swallowed.
2. Avoid eye and skin contact. In case of eye and skin contact, rinse with plenty of water.
3. Keep out of the reach of children.
4. When compulsory, wear the specified personal protective equipment.
5. In case of accidental product leaks or spills, thoroughly ventilate the area and proceed as indicated in this manual and in the instructions provided with the product itself.
6. Do not dispose of colorant in the sewage system. Follow local regulations when disposing of waste.

3.3 Residual risks

Risk	Preventive measure	P.P.E.	Re. in the manual
	<p>Risk of electrocution - Risk of electrical shock if you power the machine from a socket not equipped with ground connection.</p> <p>Risk of electrocution - Risk of electrical shock if you access machine parts protected by panels without first cutting off electrical power.</p>	<p>Power the machine through a grounded socket outlet.</p> <p>The operator is not authorized to access the machine parts protected by panels.</p> <p>For the maintenance technician: before performing any maintenance intervention, shut off the machine and disconnect the power supply cable from the mains socket outlet.</p> <p>Wait for some minutes before touching the motor.</p>	\ ch. 5
	<p>Dorsal/lumbar injuries - Handling heavy loads when moving the machine and loading cans in the machine may cause injuries.</p> <p>Risk of slipping / falling - Improper use of the bottom clamping plate (for example, climbing on the plate to take items from high shelves above the machine) can cause injuries.</p>	<p>Do not exceed the weight limits stated by the current regulations in force.</p> <p>Use appropriate lifting equipment or provide for two operators to carry out the task.</p> <p>It is forbidden to climb onto the bottom clamping plate and/or onto any other parts of the machine.</p>	 MECHANICAL RISK PROTECTIONGLOVES (TEAR,WEAR) ch. 4 - 6
	Risk of falling objects / crushing - When loading a can in the machine, there is a risk it may fall onto the operator. During machine operation, any objects left on the machine may fall onto the operator.	<p>Position the can so that the whole base rests on the bottom clamping plate.</p> <p>Do not exceed the maximum weight allowed for the can or cans to be mixed.</p> <p>Do not use the machine as a working surface. Do not leave any objects on the machine during its operation.</p>	 MECHANICAL RISK PROTECTIONGLOVES (TEAR,WEAR) ch. 2.2 - 6
	Risk of crushing / Entanglement / Dragging - The automatic movement of the door may cause injuries. Risk of being dragged / trapped.	<p>The door opens upward. Keep enough free space. Do not put objects on top of the machine. Keep your hands away from the dangerous area.</p> <p>Before performing any intervention, press the emergency stop button.</p>	 MECHANICAL RISK PROTECTIONGLOVES (TEAR,WEAR) ch. 3.5 - 6.2
	Risk of cuts - Risk of injuries and abrasions caused by sharp edges and end parts of the cans to be handled.	<p>Wear appropriate personal protective equipment (cut-proof gloves).</p> <p>Do not use the machine with damaged cans or cans not sealed properly.</p>	 MECHANICAL RISK PROTECTIONGLOVES (TEAR,WEAR) ch. 6

Risk	Preventive measure	P.P.E.	Re. in the manual
	<p>Risk of explosion</p> <p>Do not use the machine in classified areas (areas at risk for explosion).</p> <p>Avoid naked flames or material that may create sparks and cause a fire.</p> <p>Respect the conditions for the intended use of the machine and the recommendations indicated in chapter 2.3.</p>	\	ch 3.8 ch.2.3
	<p>Risk of poisoning and sensitization</p> <p>Eye and skin contacts and inhalation of vapours/powders caused by product spills from the can being broken.</p> <p>Fumes generated by the colorants used may cause poisoning and/or sensitization during machine cleaning and disposal operations.</p> <p>Do not use the machine with damaged cans or cans not sealed properly.</p> <p>Read the warnings reported in the Material Safety Data Sheets of the colorants used. The MSDS must be provided by the colorant manufacturer.</p> <p>Keep the room suitably ventilated.</p> <p>Wear appropriate personal protective equipment (safety goggles, gloves and mask).</p>	Personal Protective Equipment as specified in MSDS.	ch. 3.2 - 4 - 6 - 7

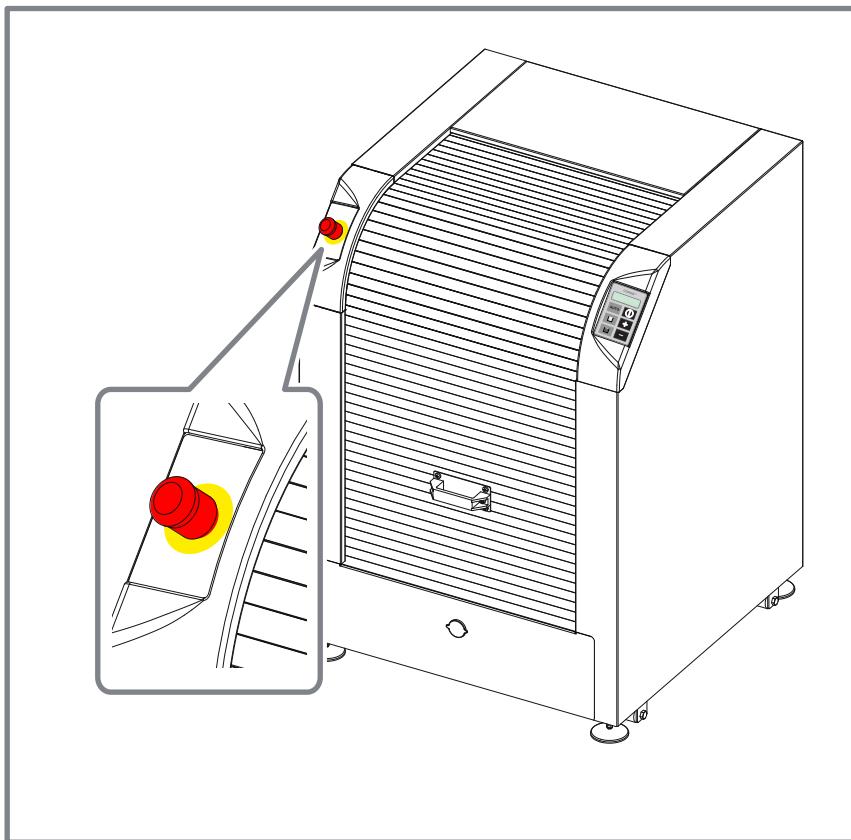
3.4 Position of labels



1. Identification plate (chapter 2.4)
2. Label "General warnings"
3. Label "Maximum can weight"

 Do not remove or make illegible the safety or instruction labels. Replace any label which has become illegible or is missing, by requesting it to the manufacturer.

3.5 Safety devices



Emergency button

Red mushroom-head button.

Pressing the button causes the machine to stop immediately in emergency mode, ceasing all movements.

Once pressed, the button can be released by pulling it outward.



WARNING

DO NOT ROTATE THE BUTTON: SIMPLY PULL IT.

To open the door, it is necessary to release the emergency button.

Door safety device

The machine is equipped with a **door safety device** that:

- prevents the mixing cycle to be started when the door is open
- keeps the door locked during mixing of the can

During the mixing cycle, the door can only be opened if the mixing mechanics is in vertical position, i.e. when the can is clamped or released. Opening the door in these cases causes all movements to be immediately stopped, for obvious safety reasons.

On the display:

Symbol	Meaning
	It is possible to open the door
	The door must be kept closed



DANGER

In the event of a breakdown of the safety devices, it is forbidden to use components not provided by the manufacturer. In case of need, contact only the service organization authorized by the manufacturer.

3.5.1 Checking the safety devices

At least **twice a year**, you have to check the efficiency of the safety devices of the machine and the correct operation of the control and signaling devices (chapter 5).

In the event of unexpected results or malfunctions, contact the manufacturer's technical service immediately.

Device	Action	Expected outcome
Emergency button	With the machine on and a mixing cycle in progress, press the emergency stop button.	All mobile parts of the machine must stop.

3.6 Emergency stop

In case of a breakdown or dangerous conditions, press the emergency stop button (chapter 3.4). Pressing this button, power is cut off to the entire machine and all movements are stopped.

 In emergency stop conditions, the door safety system keeps the door locked.

The display will show a message that indicates the emergency stop condition.

After eliminating the cause of the malfunction or solved the dangerous condition, reset the button by pulling it.



WARNING

The use of the emergency stop button is to be considered as an emergency action exclusively, and not as a standard stop mode, in order to prevent machine deterioration.

3.7 Resetting the machine after an emergency stop

The emergency stop button can be reset by pulling it.

At machine reset, it may happen that the plates are not completely open. In this case, press and hold down the start

key  or any of the cycle keys to completely open the plates.

If at reset, the rotating mechanism is not in the initial position, it is necessary to execute repositioning, as indicated in the following chapters.

3.7.1 Repositioning the rotating mechanism

With the door closed, press and hold down the start key  or any of the cycle keys: the machine carries out an and hold down the key automatic plates repositioning, the rotating mechanism locks in vertical position and the clamping plates open.

The same procedure applies in case of power outage.



3.7.2 Door unlock

To unlock the door, with the purpose to inspect the conditions of the rotating mechanics and of the paint can, press

and hold down the key  until the display shows the symbol  that indicates that it is possible to open the door.

3.8 Emergency situations

In case of emergency situations, such as accidents, breakdowns or malfunctions:

1. Turn off the machine and unplug the power cable from the power outlet (chapter 5.5).
2. Contact the manufacturer's authorized technical service.



DANGER

Following emergency situations, the operator is prohibited from carrying out repairs to the machine. If necessary, contact the manufacturer's authorized technical service only.

3.9 Requirements of the installation site

Environment requirements for the site where the machine is to be used:

- Clean and dust-free.
- With level and stable floor.
- Fitted with a grounded power supply socket.
- Equipped with sufficient lighting to ensure good visibility from every point of the machine (light value not lower than 500 Lux).
- Ventilated to prevent the concentration of harmful fumes: for example, for a 3 m high, 4x4 m room (total volume of 48 m³) an air change rate (ac/h) of 3 required.
- Temperature between 10 °C (50 °F) and 40 °C (104 °F) and relative humidity between 5% and 85%, without condensation.



WARNING

The environment working conditions are strictly related to the type of colorants used (ask for information from the paint manufacturer). The requirements indicated above are valid for the machine only.

Do not place the machine near heat sources or in direct sunlight. Also, humidity sources should be avoided. The machine must be used indoors only.

Environment conditions outside the values indicated (chapter 8.1) may cause serious damage to the machine, especially the electronic equipment.



DANGER

When using **products containing volatile solvents**, the room in which the machine is installed must be spacious and with good ventilation: for example, for a 3 m high, 4x4 m room (total volume of 48 m³) an air change rate [ac/h] of 3 required. No type of parts must be leaned against or stocked close to the machine.

Avoid naked flames or material that may create sparks and cause a fire.

It is forbidden to smoke in the machine nearby area.

4 SHIPPING AND HANDLING

4.1 General warnings

Personnel in charge of these operations must wear the following personal protective equipment.



MECHANICAL RISK
PROTECTION GLOVES
(TEAR, WEAR)

DANGER

To avoid personal injuries and property damage, use the utmost care and caution when handling the machine, and carefully follow the instructions given in this chapter.

WARNING

The packing must be handled only by qualified personnel using appropriate handling equipment. Do not stack items on the packing.

4.2 Unpacking and placement

		1 x 17 mm [0.6"]	To remove the mounting screws
		1 x 19 mm [0.7"]	To adjust the support feet

DANGER

The following procedure can be carried out by one single person.

Store the packing material for future use, or dispose of it according to current regulations. In any case, we recommend that you keep it for the entire duration of the machine warranty and for the machine final disposal phase.

Make sure the packing has not suffered any damage or tampering during shipping; if so, contact the authorized technical service or your dealer.

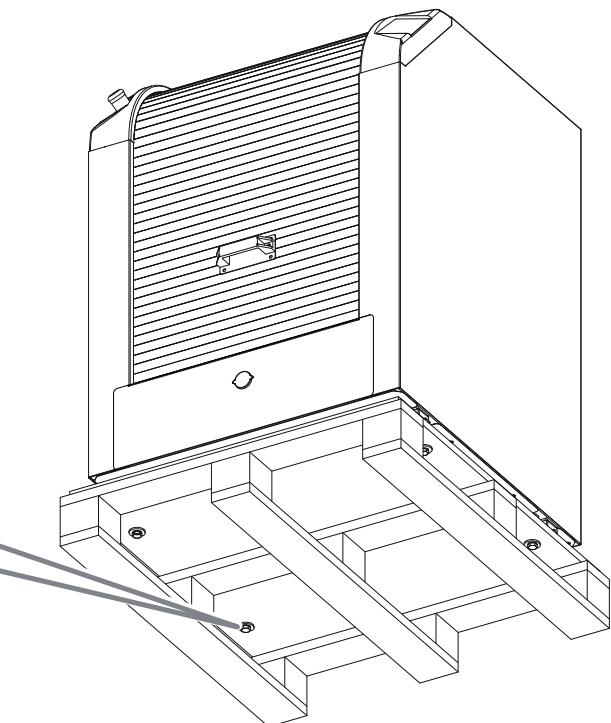
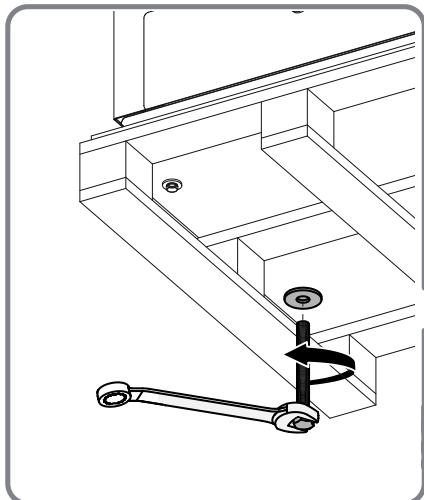
1. Cut the plastic straps wrapped around the packing (cardboard box only).
2. Remove the covering from the pallet, also removing the corresponding fasteners.
3. Remove machine wrapping. Take out any accessories and/or material supplied with the machine.

DANGER

Should the machine appear damaged during shipping, do not attempt to start it and contact the authorized technical service or dealer.

To move the machine without external cardboard, but still fixed to the pallet, use suitable lifting equipment. Fork the pallet in such a way as to distribute the weight equally on the forks and thus prevent the machine from tipping over.

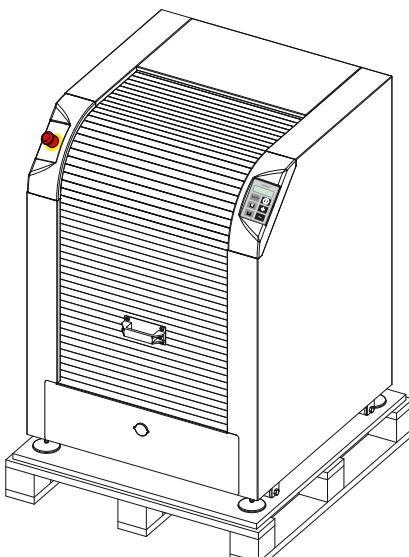
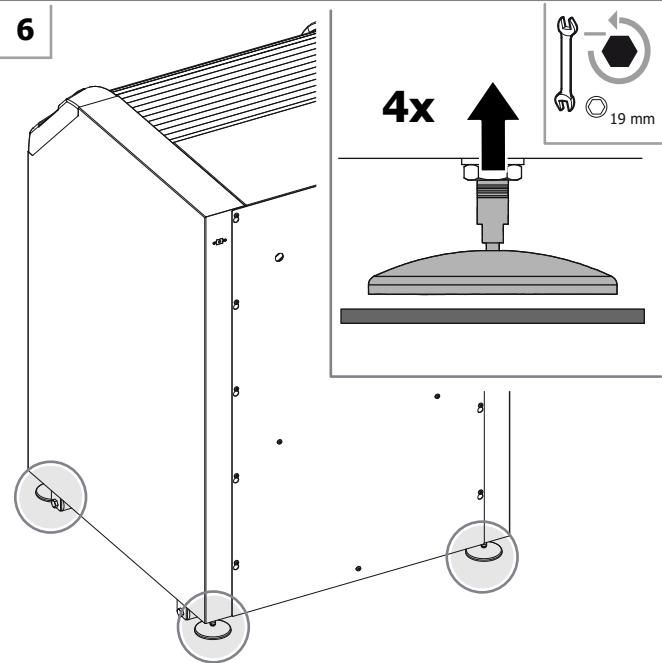
4. Remove the four screws that secure the machine to the pallet as indicated in the following picture. Loosen the upper nut and undo the screw, then separate them in order to remove the screw from under the pallet.

4

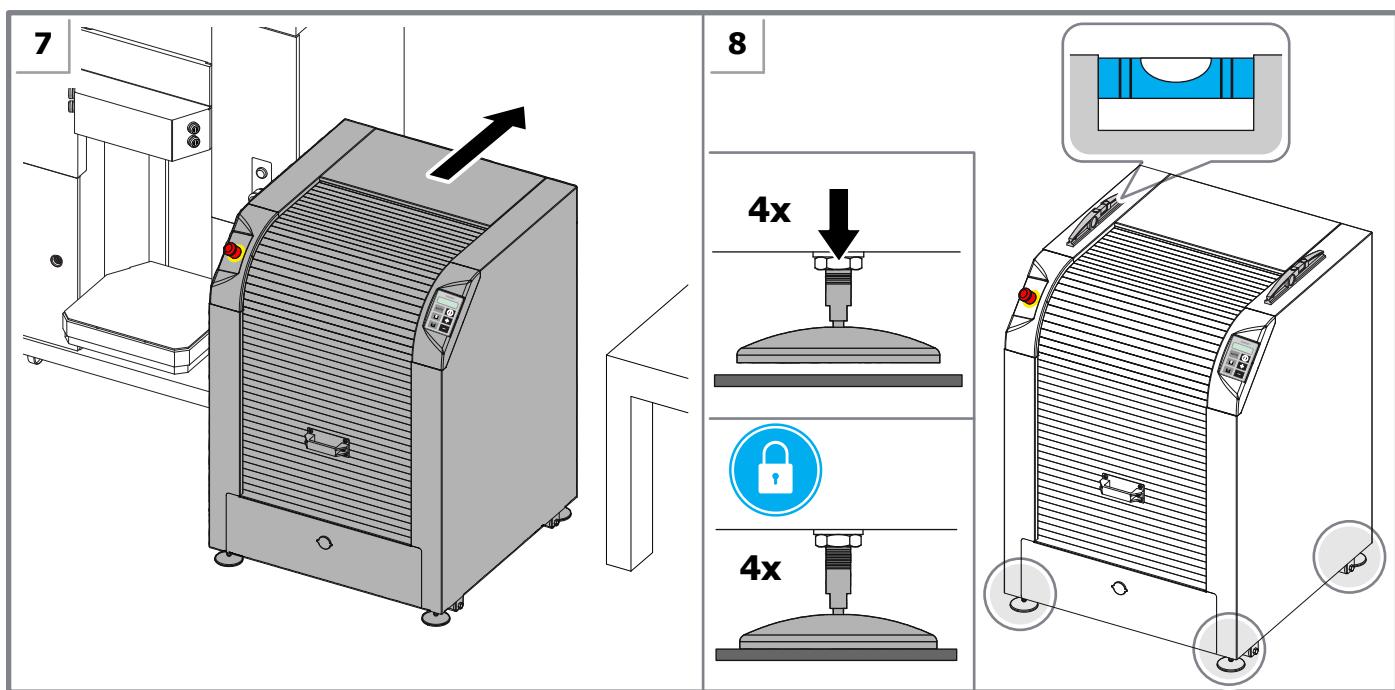
5. Remove the machine from the pallet using a suitable lifting equipment and place the machine in its working position.
6. Raise all the four feet.

DANGER

To lift and position the machine, you must use suitable lifting means only, that must be chosen based on machine weight (chapter 8).

5**6****6**

7. Push the machine in its working position.
8. Lower all the four feet and level the machine.



WARNING

The machine must be perfectly level in order to operate properly and prevent from vibrating during the mixing cycle.

Make sure the wheels are not resting on the floor.

Make sure the non-slip rubber is present under the support feet.

4.2.1 Standard material supplied

After unpacking the machine, make sure the following items are present

- Power supply cable.
- Spare fuses.
- User's manual CE declaration of conformity and installation and warranty start form.

Make sure that all of the above items are included in the packing; if not, contact the manufacturer.

4.3 Storage

To repack the machine, follow the unpacking instructions in reverse order. We recommend reusing the original packing any time the machine must be moved or shipped.

Use appropriate equipment to handle the packed machine. If stored, the machine must be kept in a safe and protected environment, with a suitable temperature and humidity degree and protected from dust.



WARNING

Do not stack items on the packing.

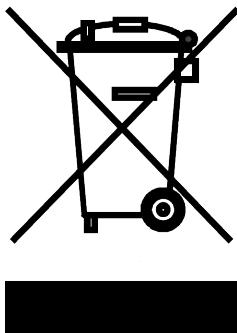
4.4 Disposal and recycling

This equipment must not be disposed of with unsorted municipal waste. Carry out a separate collection.

Pursuant to the WEEE Directive, collection, treatment, recovery and environmentally sound disposal of Waste Electrical and Electronic Equipment (WEEE) shall be carried out in compliance with the national measures of each EU-Member State implementing the Directive.

Differentiate the parts making up the machine based on the various materials they are made of (plastic, iron, etc.).

For the machine components most soiled with product and if any products have been used on the machine that require special disposal procedures, follow local regulations when disposing of waste.



5 START-UP

5.1 General warnings

Personnel in charge of these operations must wear the following personal protective equipment.



MECHANICAL RISK
PROTECTION GLOVES
(TEAR, WEAR)



DANGER

The user must connect the machine to a TN or TT power supply system, equipped with an RCD (Residual Current Devices) protection device that automatically intervenes in the event of a fault.

THIS EQUIPMENT MUST BE GROUNDED. Check the grounding of the power supply system before connecting the machine.

Do not use extension cords to power the machine.

Do not use multisockets to connect other equipment to the same socket that powers the machine.

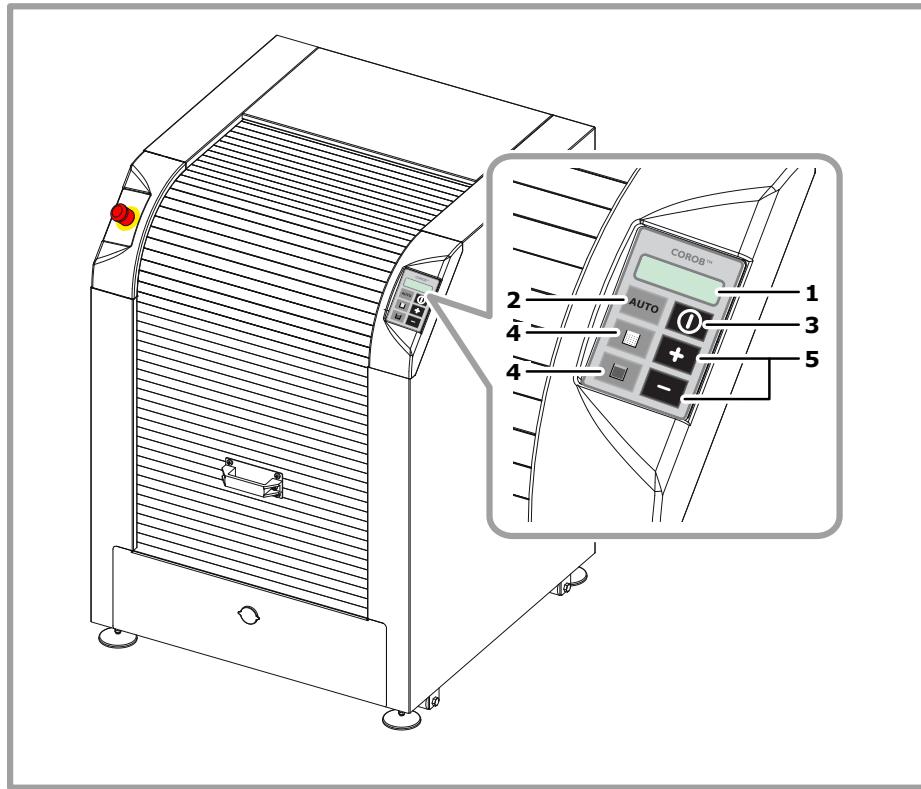


WARNING

Do not attempt to power the machine from a source having specifications other than those listed on the identification plate.

The machine is isolated from the power supply line when the power plug is disconnected; it must therefore be installed near an easily accessible mains socket outlet.

5.2 Control devices



The control panel keyboard can be fully configured, this means that function keys may not be positioned in the same place and may change based on customer's personalization.

Display (1)

The display shows the name of the mixing program selected, as well as the messages concerning the actions undertaken by the machine during the automatic mixing cycle. The display lights up at machine start-up.

On the display, if the (!) symbol is shown alternatively with the lock symbol (🔒/🔓) used to indicate door status

(chapter 3.4), this means that the planned maintenance threshold has been reached. In this case, contact authorized technical service.

AUTO AUTO key (automatic program) (2)

Key that allows you to select a fully automatic cycle. The mixing parameters are calculated based on can height.

① Key to start / stop the cycle (3)

This key allows to start the mixing cycle of a can. If pressed during machine operation, the cycle stops.

grid Keys to select a pre-set programs (4)

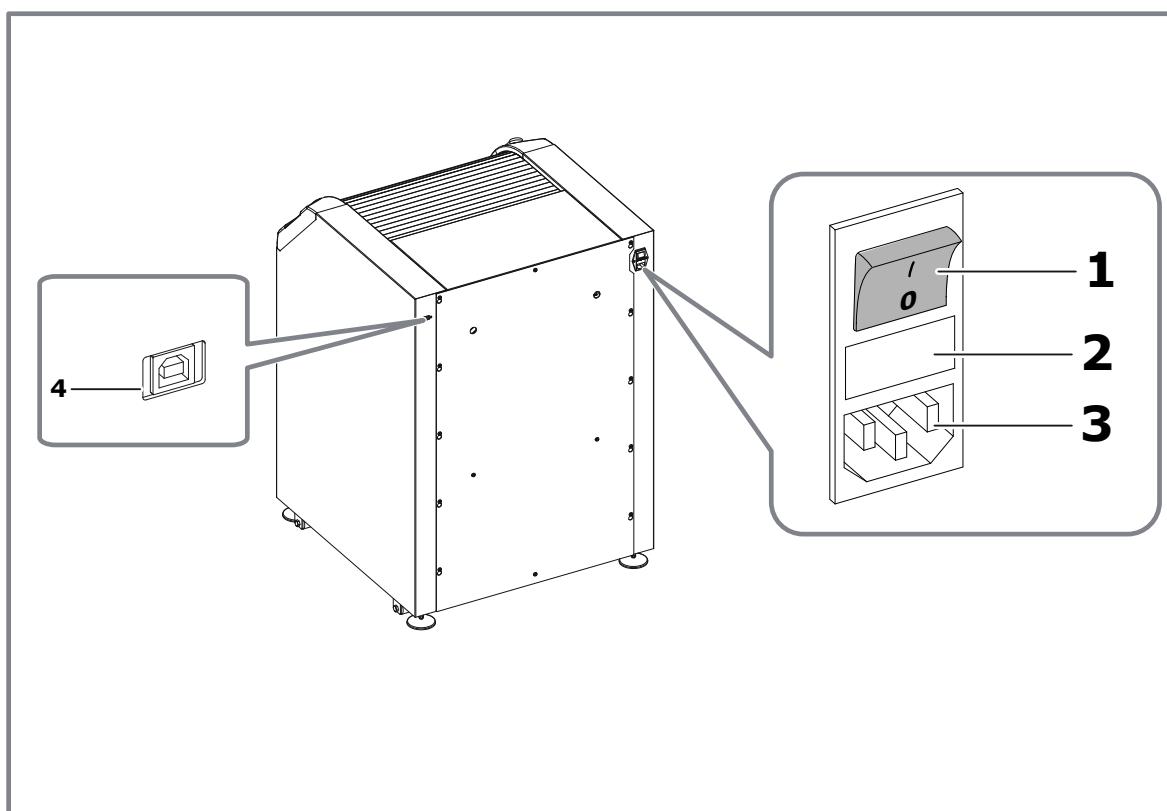
Keys that allow you to select pre-set automatic mixing programs. They can be customized with text or a graphical representation of the customer's products.

+ - Adjusting keys (5)

Keys that allow you to modify the mixing time before starting the cycle. During the mixing cycle it is not possible to change the mixing time.

They also allow to unlock the door or command opening of the automatic door (key -) in WRN08 conditions.

5.3 Connections



Machine main switch (1)

In ON position (I), the machine is powered. In OFF position (O), the power is cut off to the machine.

Fuse compartment (2)

The value of fuses is shown in the technical specifications table (chapter 8.1).

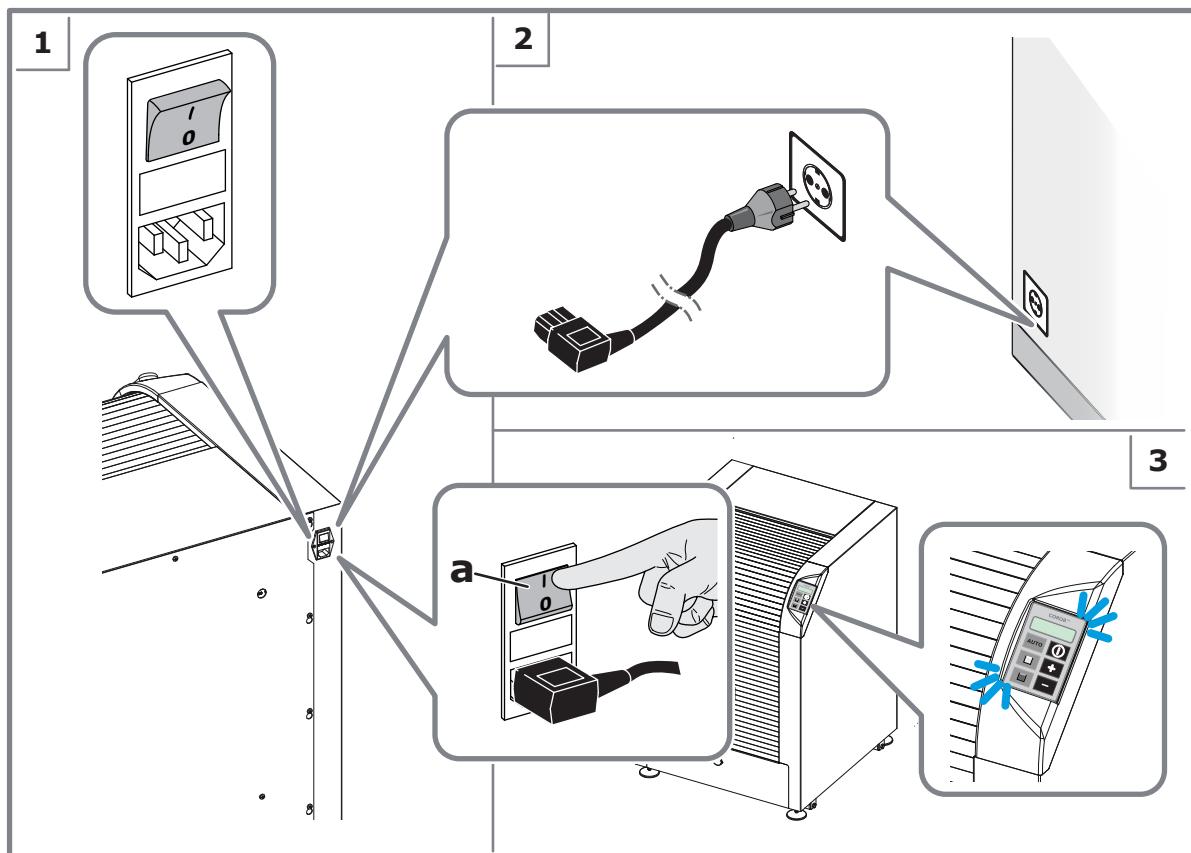
Main plug (3)

Main power supply to the machine.

USB port (4)

Connector for the USB interface connection to the service computer.

5.4 Electrical connection and start-up



To power up and start the machine, proceed as follows:

1. Make sure that the emergency button is released and that the main switch is in the OFF position (O).
2. Insert the power supply cable socket into the main machine plug, and the other end to the mains socket outlet.
3. Turn the main switch to ON (I). At this point, the display will light to indicate that the machine is on.

By turning the machine on with the emergency button pressed, the display shows, among other pieces of information, the number of machine cycles carried out and the firmware version installed.

5.4.1 Machine information

Turn ON the machine with the emergency button pressed to display following information:

- Application Firmware version
- Bootloader Firmware version
- board dipswitch configuration
- Number of cycles executed
- Machine total working time (seconds)
- Number of rotations executed
- Machine status [EMERGENCY]
- Company information [e.g. manufacturing date, machine serial number, configuration file code, and so on]

Information is displayed in automatic sequence. To scroll through the single pieces of information, use the (+) and (-) keys on the control panel.

By pressing the (+) and (-) keys also the last detected machine errors are shown.

Symbol (!) indicates planned maintenance to be carried out.

5.5 Shut-down

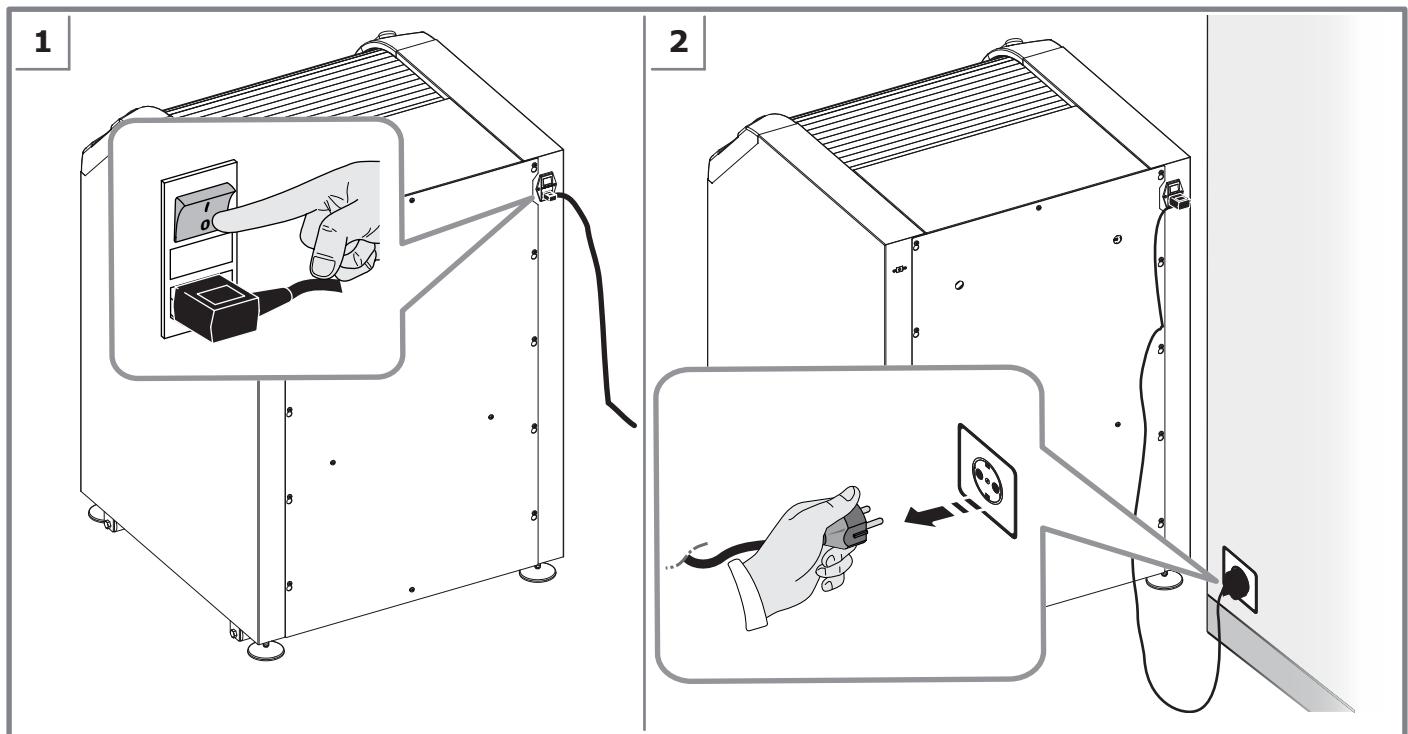
To shut off the machine:

1. Set the main switch located on the rear side of the machine to OFF (O).
2. Unplug the power supply cable from the mains socket outlet.



WARNING

Wait for at least 10 seconds before turning the machine back.



6 USE

6.1 General warnings

Personnel in charge of these operations must wear the following personal protective equipment.



MECHANICAL RISK
PROTECTION GLOVES
(TEAR, WEAR)



DANGER

The machine must be used by a single operator. Unauthorized people who could reach or touch machine parts during operation must not be admitted in the nearby area.

It is strictly forbidden to use the machine without protections or with any safety devices present on the machine disabled, broken down, or removed. The panels must be kept closed at all times.

It is forbidden to use the clamping movement of plates to close the can lid.

It is forbidden to climb onto the bottom clamping plate and/or onto any other parts of the machine.

It is forbidden to use the machine as a working surface; it is also prohibited to leave objects on the machine during its operating.

When handling cans, do not exceed the weight limits stated by the current regulations in force.

Carry out the single procedures described in the following chapters respecting the sequence of operations indicated. This guarantees correct use of the machine, reduces any risks for the operator and avoids damage to the machine itself.

Scrupulously observe the handling instructions given by the paint manufacturer; if handled inappropriately, high pressures may develop inside the cans, causing the contents to leak suddenly, the lid to open, or even causing the can itself to break.

The substances that may be used on the machine--such as colorants, paints, solvents, lubricants and cleansers--may be hazardous to your health; handle, store and dispose of these substances in keeping with current regulations and the instructions provided with the product.

6.2 Loading of cans

When loading the cans in the machine, bear in mind some basic rules to ensure the safety of the operator and to avoid damage to the machine.



WARNING

Never use cans lower than 100 mm (3.9") or weighing more than 77 lb (35 kg).

Do not put one can on top of another.

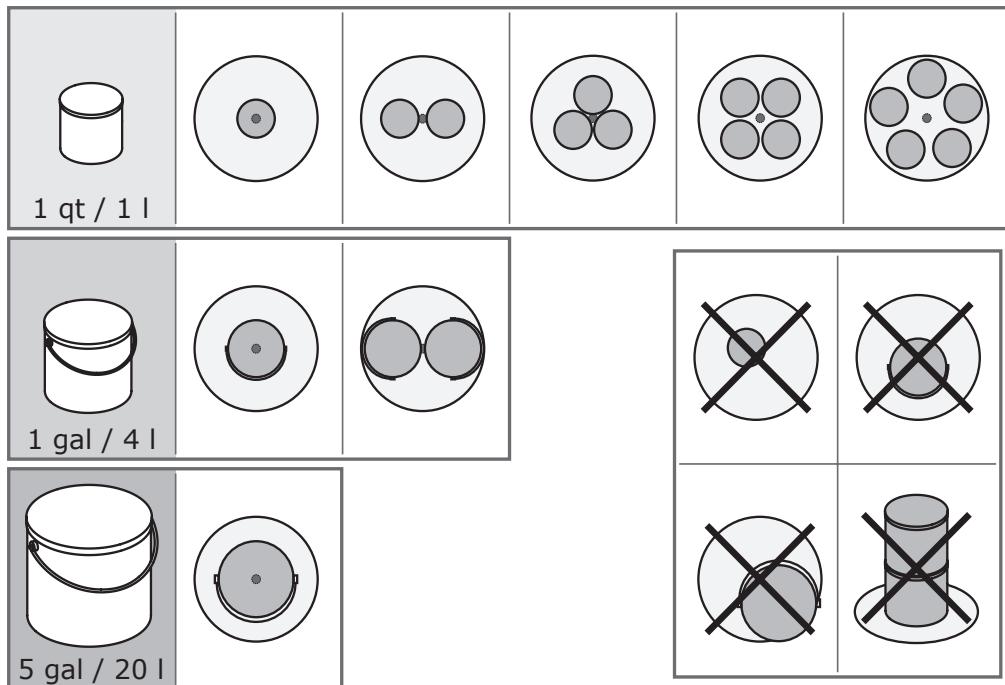
Do not use the machine with damaged cans or cans not sealed properly. Always make sure that the can lid is perfectly closed.

Do not make the machine work without a can in it.

Place the cans to be mixed in the center of the bottom clamping plate.

More than one can may be mixed at the same time provided they are of the same height and do not overlap the clamping plates. Moreover, the sum of the capacities of the cans must not be greater than the machine maximum capacity.

In order to grant correct can clamping and keep the machine's mechanical part in equilibrium during mixing, it is necessary for the combined center of gravity of the cans to lie in the middle of the bottom plate as far as possible. Otherwise the machine may become unstable on the support surface due to excess vibrations.



WARNING

To prevent the can to be damaged during mixing, we recommend to firmly secure the can handle (use adhesive tape, elastic band).

It is also suggested to seal the can lid with adhesive tape.

To load and unload the can, proceed as follows:

1. Lift the handle of the bottom clamping plate to unlock it, and pull out the plate until it locks in place.
2. Place the new can or remove the already mixed one.
3. Push the plate firmly back inside the machine, until it locks in place.



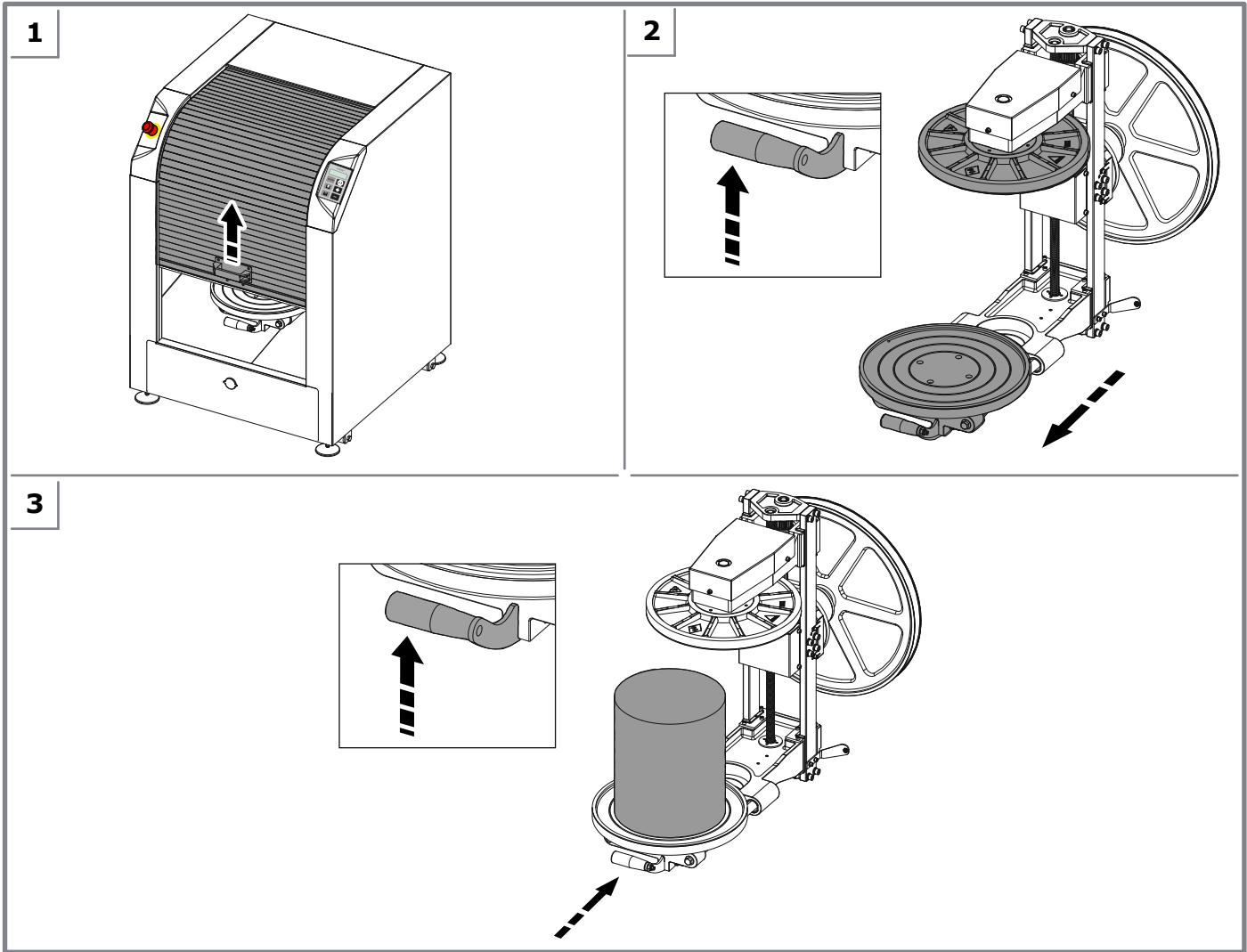
WARNING

Ensure that the handle lever is locked.



WARNING

Ensure that the bottom clamping plate is completely locked and there is no movement.



6.3 Running a mixing cycle

1. If necessary, open the door:
 - open the door manually.
2. Load the can as indicated in chapter 6.2.
3. Close the door manually.

The safety device prevents the mixing cycle to be started when the door is open and keeps the door locked during mixing.

4. To carry out the AUTOMATIC mixing program, press the **AUTO** key. The parameters of the mixing cycle (clamping force, rotation speed and cycle duration) will be chosen automatically based on can height.
5. To carry out one of the pre-set mixing programs, press the corresponding keys (for example **□** or **■**).
 - Press the key **once** to select the first program
 - Press the key **multiple times** to scroll through the subsequent programs

When a key is pressed, the display shows the name of the program selected.

6. If required, change the mixing time with the adjusting keys **+** **-**. It is possible to set a time also for the AUTO cycle.
7. Press the cycle start/stop key **①** or **hold down the key corresponding the program selected**.

When the mixing time has elapsed, mixing is over and the mobile mechanism slows down until it comes to a rest in its starting position.

Once the mixing cycle is complete, it is possible to remove the can.

The machine is now ready to carry out another mixing cycle; the program just executed will be proposed.

DANGER

In any emergency event occurring when the mixing cycle is in progress press the emergency stop button (chapter 3.6).

 In case of blockage or malfunction refer to chapter 6.8.

6.3.1 Advance stop

It is possible to stop a mixing cycle at any time. To end the mixing cycle before the set time has elapsed:

- Press the cycle start/stop key 

or

- Press and hold down any of the cycle keys.

6.3.2 Error Conditions

The machine will warn the user about possible operation anomalies or machine breakdowns through error codes shown on the display.

 If the machine is in error condition and the emergency stop button is released, the door is not locked.

The machine displays ALARMS (ALRxx) or WARNINGS (WRNxx).

- To resolve an **alarm**, press and **release the emergency button (pull, do not rotate it)** to clear the alarm and remove it (e.g. ALR22 ENCODER ERROR), or it is possible to request the repositioning of the mechanics and at the same time silence the alarm by pressing the cycle start/stop button.
- To resolve a **warning**, you just have to execute the specific action required to complete the activity (e.g. WRN01 CLOSE THE DOOR).

The active error codes are displayed continuously, alternated to their description. If an error is active, it is no longer possible to use the machine.

Check if the fault is solved. If this is not the case, call the authorized technical service, telling them the error code so they can identify the kind of fault occurred.

Following is a list of alarm and warning messages with corresponding solutions for the operator to solve the fault.

If the error condition is not solved, contact authorized technical service.



WARNING

After an alaram, before pressing the start/stop button, it is suggested to open the door (if possible) and check the condition of the paint can: if it is not clamped, remove it if possible before carrying out repositioning.

ALR00 - EMERGENCY

The message appears when the emergency stop button is pressed.

Release the emergency stop button (pull, do not rotate it) to clear the alarm.

After releasing the emergency, it might be necessary to bring the machine to the correct initial operating conditions, by pressing the cycle start/stop key.

WRN01 - CLOSE THE DOOR

The message appears when cycle start command is given with a key, when the door is open.

Close the door to clear the warning.

WRN04- PUSH PLATE IN

The message appears when the bottom clamping plate is not correctly inserted or the plate-in condition is not detected by the corresponding sensor

Push the plate firmly inside the machine until it locks in place.

WRN08- INITIAL CONDITIONS

The message appears when the machine is not in the correct initial operating conditions to execute the mixing cycle, that is to say:

- the mixing mechanics is in vertical position
- the repositioning pin must be hooked
- the clamping plates must be fully open

Press the cycle start/stop key.

After an emergency stop or after a sudden power outage, it is necessary to restore initial machine conditions with this procedure.

Note: if you think it is necessary to first check the conditions of the can and the position of the mechanics, before executing the repositioning it is possible to unlock the door and carry out a visual check (chapter 3.7.2)

WRN18 - CAN TOO BIG

The can to be mixed is too high or there is a fault on the clamping control system (clamping motor or plates position sensors).

Press and release the emergency stop button and then press the cycle start/stop key.

Use only cans with the dimensions specified in the user's manual. If this restore procedure is successful, the door will open automatically.

WRN19 - CAN TOO SMALL

The can to be mixed is too low or absent, or there is a fault on the clamping control system (clamping motor or plates position sensors).

Press and release the emergency stop button and then press the cycle start/stop key.

Use only cans with the dimensions specified in the user's manual.

ALR09 - REPOSITIONING TIME ELAPSED

The message appears when the machine has not correctly terminated the mixing mechanics repositioning process.

Press and release the emergency stop button and then press the cycle start/stop key.

ALR11 - PIN MOTOR ERROR

The repositioning pin motor is blocked, sensors are faulty or the hooking spring of the pin is damaged.

Technical assistance is required to check connections and operation of repositioning pin sensors, motor and spring.

6.4 Troubleshooting

Problem	Cause	Solution
Mixer not working / Mixer does not start	Power supply is missing.	Check the connections at the back of the machine (chapter 5.4).
	Main switch in OFF position (O).	Set the main switch to the ON position (I) (chapter 5.4).
	One or more fuses may be blown up.	Replace any blown fuse inside the fuse compartment (chapter 5.4).
	Electrical connections are defective.	Contact the authorized technical service.
	Shutter door not properly closed	Close the shutter properly so that safety switch is activated.
	VFD (Variable Frequency Drive) may have gone in overload mode.	Contact the authorized technical service.
Noise coming from gyroscopic assembly	Bearing Worm out or damaged	Contact the authorized technical service.
Vibration from mixer/ mixer moving abruptly	Can not properly seated	Reposition can in the center.
	Feet are not level	Check the levelling of mixer (chapter 4.2).
Rotating assembly not stopping after end of mixing cycle	Electrical connections are defective.	Contact the authorized technical service.
Can Slippage	VFD (Variable Frequency Drive) parameters are not set properly	Contact the authorized technical service.
	Clamping plate mechanism is not clamping the plate properly	Check internal cleaning (chapter 7.2.2) and lubrication (chapter 7.3.1)

7 ORDINARY MAINTENANCE

7.1 General warnings

Personnel in charge of these operations must wear the following personal protective equipment.



DANGER

Before carrying out any maintenance operations, you must turn off the machine and unplug the power supply cable from the mains socket outlet.

During machine maintenance operations there is a high risk of contact with the coloring product; strictly follow the indications of chapter 3.2.

WARNING

Following the analysis of the safety circuits in compliance with Standard UNI EN ISO 13849-1:2016, the contactor K1, after the 43th year, no longer perform the safety function; therefore, their replacement is necessary to keep the machine in safe conditions. The replacement operation must be performed by specialized personnel.

For additional operations other than those indicated, contact the manufacturer or authorized service center.

7.2 Cleaning

The machine may get dirty accidentally (paint spills) or due to dust build-up over time. In the first instance, the machine must be cleaned immediately; periodic cleaning will suffice for the latter.

WARNING

NEVER USE A SOLVENT-BASED CLEANING PRODUCT OR ABRASIVE POWDER.

DO NOT USE WATER JETS OR STEAM TO CLEAN THE INTERIOR OF THE MACHINE.

7.2.1 External cleaning

We recommend a general cleaning of coverings, panels and control devices of the machine, to remove dirt, dust and any stains, using a soft and dry cloth, or slightly moistened with a mild cleansing solution.

To avoid the risk of slipping, keep the floor around the machine clean from possible product spills.

7.2.2 Internal cleaning

In the event of paint leaks inside the machine, clean immediately using a moistened cloth or a spatula.

Waste liquids are collected in the bottom plate and can be drained through the holes provided by slightly tilting the machine.

The machine is provided with special splash-guards that protect the clamping screws from possible sprays of product.

7.3 Lubrication

Some mechanical components are used on the machine that do not require any form of preventive maintenance.

Every **1500 working cycles** or every **6 months** of operation approximately, we recommend performing following operations:

1. Clean and lubricate the clamping screws.
2. Clean and lubricate the guides of the shutter door.

Use grease type OKS 422 or similar grease having the following characteristics.

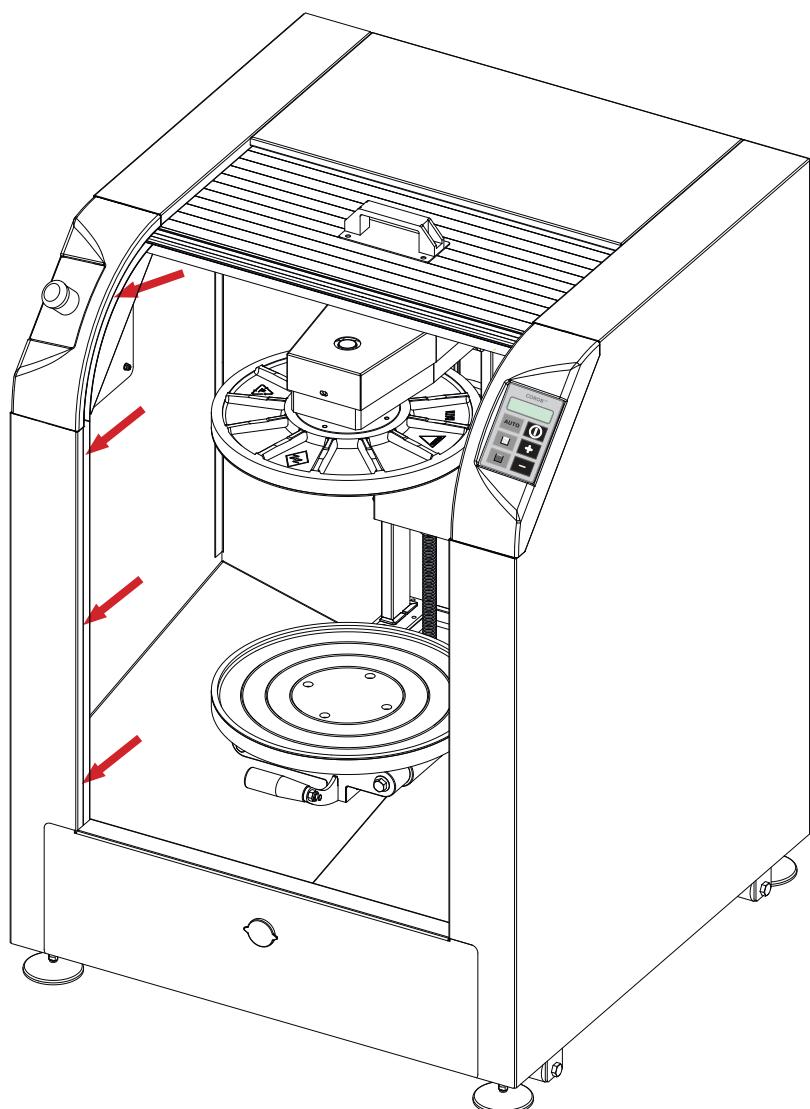
Technical characteristics of the lubricant	
Application field	Suitable for gears, screws and similar parts of machines exposed to high pressures and temperatures; it offers excellent resistance to extreme temperatures, high loads, vibrations and high running speeds.
Composition	Complex soap of barium and synthetic oil
Temperature range	From - 40°C to + 180°C
Consistency class	NLGI 2

7.3.1 Lubricating the door sliding guides

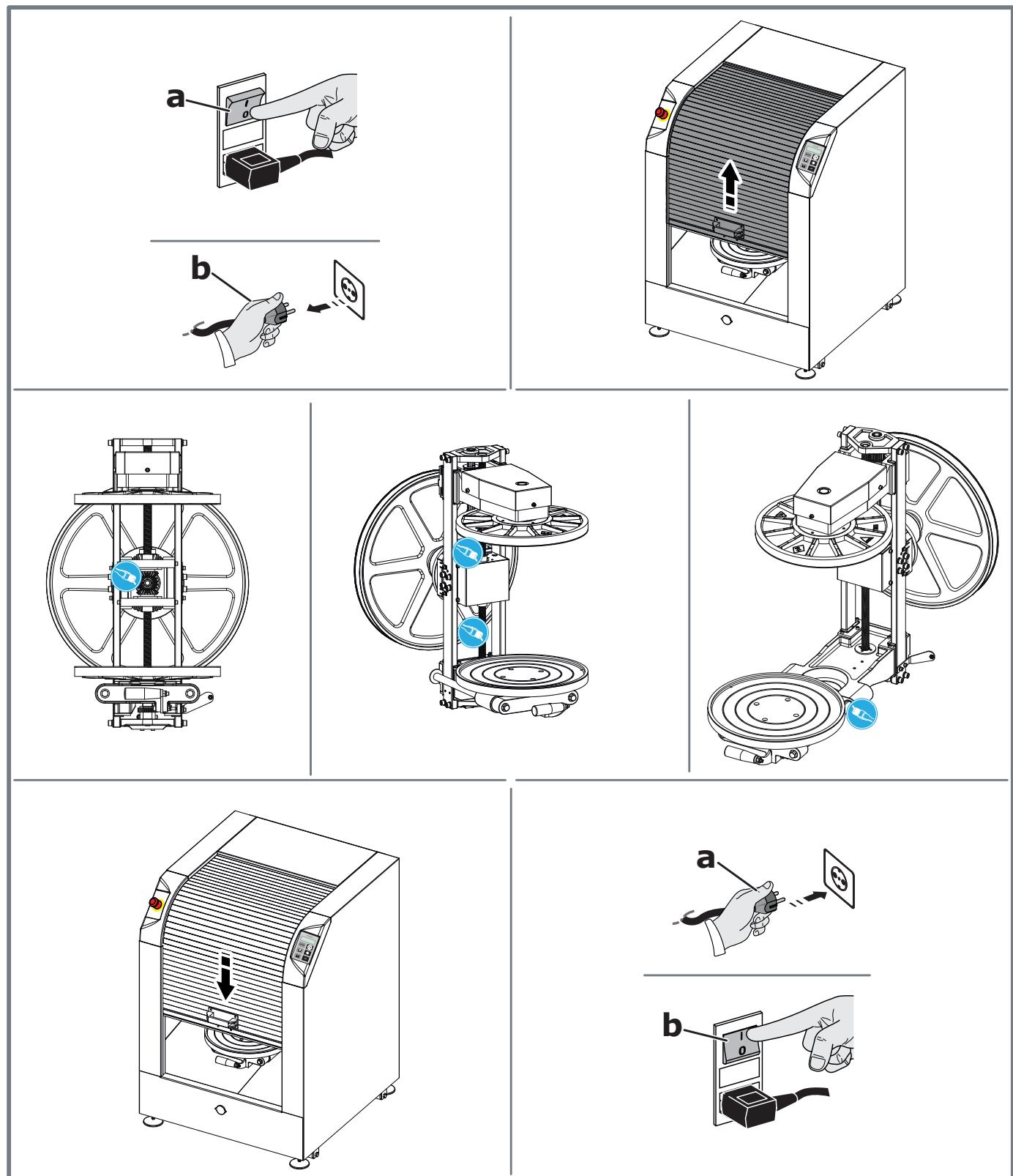
1. Clean and lubricate in the points indicated in figure (for the door, grease both sides).
2. Slide door multiple times to evenly spread the lubricant.

7.3.2 Lubricating the clamping screws

1. Open the door.
2. Place a small can (not lower than 100 mm) on the bottom clamping plate.
3. Close the door and start a mixing cycle.
4. Stop the cycle by pressing the emergency stop button and then release the button.
5. Unlock the shutter door (chapters 3.7.2).



6. Open the door.
7. Press the emergency stop button, shut down the machine and disconnect it from the power supply (chapter 5.5).
8. Lubricate the upper and lower clamping screws and the sliding guides of the mixing mechanics. Turn the mechanics manually if necessary.
9. Close the door.
10. Connect power supply, turn on the machine (chapter 5.4) and release the emergency stop button.
11. Carry out one or more mixing cycles to allow the clamping plates to close and then open so to evenly spread the lubricant.



8 TECHNICAL SPECIFICATIONS

8.1 Technical data

Power supply	Single-phase 200 - 240 V~ ± 10% Single-phase 100 - 120 V~ ± 10%
Frequency	50/60 Hz
Fuses	F 10 A
Max power absorbed	550 W (Single-phase 200 - 240 V~ ± 10%) 650 W (Single-phase 100 - 120 V~ ± 10%)
Mixing motor power	0.75 HP (0.55 kW)
Noise level (*)	Level of equivalent acoustic pressure: < 70 dB (A)
Environment working conditions	Temperature: between 10°C (50°F) and 40°C (104°F) Relative humidity: between 5% and 85%, without condensation

(*) Value measured in laboratory and documented by the corresponding test report available at the manufacturer's.
Operating conditions:machine working cycle,under simulated load conditions.

8.2 Declaration of conformity

See Appendix.

8.3 Warranty

In order for the warranty to be valid, please complete the form included in the machine packing, and send it to the address listed on the form itself.

 *Contact our authorized and qualified personnel only for all your service needs. Use only original spare parts for all maintenance and replacement interventions.*

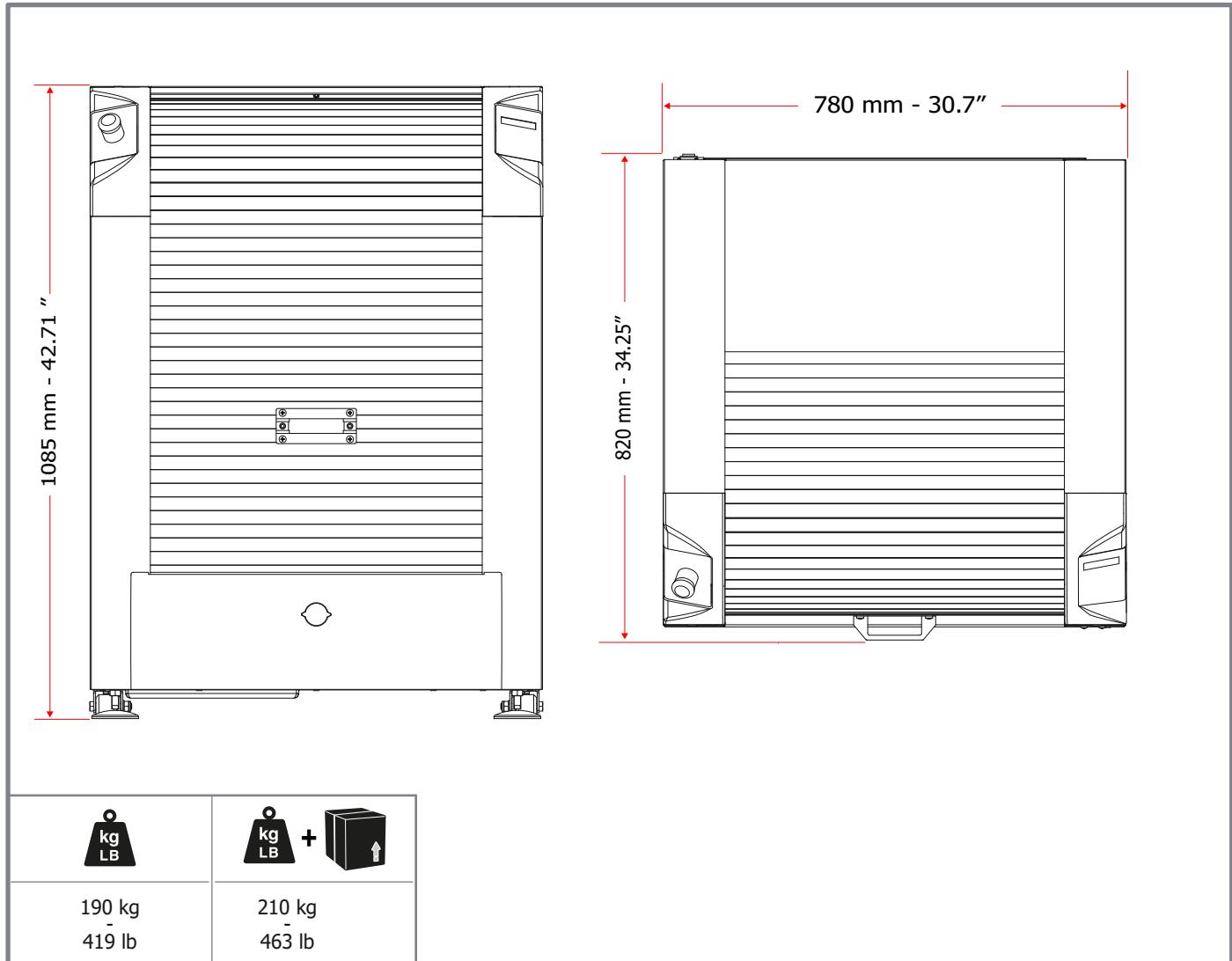
Altering or removing the guards and safety devices provided on the machine will not only void the warranty immediately, but is also dangerous and illegal.

The manufacturer may not be held liable for personal injury or property damage caused by improper use of the equipment or tampering with the guards and safety devices installed on the machine.

The following shall **void the manufacturer's warranty**:

- Improper use of the machine.
- Failure to observe the instructions and maintenance rules set forth in the manual.
- Making or having changes and/or repairs made on the machine by personnel outside the service organization authorized by the manufacturer and/or made using non-original spare parts.

8.4 Dimension & weight



Adjusting height of the antivibration feet from 0 to 25 mm (0" to 0.79")

Dichiarazione CE di Conformità *EC Declaration of Conformity*

Versione linguistica originale in Italiano

Translation of the original Italian version

DESCRIZIONE - DESCRIPTION

AGITATORE GIROSCOPICO AUTOMATICO
AUTOMATIC GYROSCOPIC MIXER

MODELLO - MODEL

MATRICOLA - SERIAL No.

[MACHINE NAME]

Fabbricante - Manufacturer

COROB India Pvt. Ltd. - Mumbai - India

c/o Daman Factory: Plot No. 10 - 13 & 13 A, Daman Industrial Estate, Somnath Road

Mandatario e persona autorizzata a costituire il fascicolo tecnico:

Authorised representative and person authorised to compile the technical file:

COROB S.p.A. - Via Agricoltura, 103 - 41038 San Felice s/P (MO) - Italy

Il fabbricante dichiara sotto la propria esclusiva responsabilità che la macchina alla quale questa dichiarazione si riferisce è conforme ai requisiti essenziali previsti dalle seguenti direttive:

- Direttiva Macchine 2006/42/CE
- Direttiva Compatibilità Elettromagnetica 2014/30/EU
- Direttiva 2011/65/EU come modificata da 2015/863/EU
- Direttiva WEEE 2012/19/EU

The manufacturer certifies, under its own responsibility, that the machine to which this statement refers to, complies with the essential requirements foreseen by the regulations:

- Machinery Directive 2006/42/EC
- Electromagnetic Compatibility Directive 2014/30/EU
- Directive 2011/65/EU as amended by 2015/863/EU
- WEEE Directive 2012/19/EU

It is furthermore guaranteed that the design of the machine and the relevant manufacturing are carried out, and supported by documents, following accurate factory procedures in accordance with the standard EN ISO 9001:2015 about quality management systems.

Nasser Arivoli (Managing Director)
COROB India Pvt. Ltd.
Mumbai, 10/05/2021

BG - Производителят, който е лицето утълнено за изготвяне на техническата документация, декларира на собствена изключителна отговорност, че машината, за която се отнася тази декларация, е в съответствие със съществуващи изисквания, предвидени от следните Директиви: Директива 2006/42/EC - Машини - Директива 2014/30/EU относно Електромагнитната съвместимост - Директива 2011/65/EU изменена с 2015/863/EU - Директива WEEE 2012/19/EU. Освен това се гарантира, че проектирането на машината и съответното производство са извършени и документирани при спазване на конкретни фирмени процедури в съответствие със стандарт EN ISO 9001:2015, отнасящ се до системите за управление на качеството.

CS - Výrobce a osoba pověřená sestavením technické dokumentace stvrdzuje na svou vlastní zodpovědnost, že zařízení, ke kterému se toto toto prohlášení vztahuje, je v souladu se základními požadavky stanovenými následujícími směrnicemi: Směrnice o strojních zařízeních 2006/42/EC - Směrnice o elektromagnetické kompatibilitě 2014/30/EU - Směrnice 2011/65/EU ve znění 2015/863/EU - Směrnice WEEE 2012/19/EU. Dále se zaručuje, že stroj byl navrhnut a vyroben, a výroba je zdokumentována, v souladu s přesnými firemními postupy, které odpovídají normě EN ISO 9001:2015 o systémoch řízení jakosti.

DA - Fabrikanten og personen bemyndiget til at udarbejde den tekniske dokumentation erklærer på eget ansvar at maskinen, som denne erklæring henviser til, er i overensstemmelse med de væsentlige krav i de følgende direktiver: Maskindirektivet 2006/42/EC - Direktivet om elektromagnetisk kompatibilitet 2014/30/EU - Direktivet 2011/65/EU som ændret ved 2015/863/EU - Direktivet WEEE 2012/19/EU. Det garanteres desuden, at designet af maskinen og den relevante produktionsspacer er udført og dokumenteret ifølge præcise fabrikspredikurer i overensstemmelse med standarden EN ISO 9001:2015 vedrørende kvalitetsstyringssystemer.

DE - Der Hersteller und autorisierte Verfasser der technischen Dokumentation erklärt unter eigener exklusiver Verantwortung, dass die Maschine, auf die sich diese Erklärung bezieht, den Grundanforderungen entspricht, die von den folgenden Richtlinien vorgesehen werden: Maschinenrichtlinie 2006/42/EC - Richtlinie zur elektromagnetischen Verträglichkeit 2014/30/EU - Richtlinie 2011/65/EU geändert durch 2015/863/EU - Richtlinie WEEE 2012/19/EU. Darüber hinaus wird garantiert, dass die Planung der Maschine und ihre Herstellung unter Befolgung von genauen Unternehmensprozessen, die der Norm EN ISO 9001:2015 hinsichtlich der Qualitätsmanagement-Systeme entsprechen, durchgeführt und dokumentiert wird.

EL - Ο κατασκευαστής, και ο εξουσιοδοτημένος συντάκτης του τεχνικού φακέλου, πιστοποιεί, ότι, με δική του υπατιότητα, το μηχάνημα στο οποίο αναφέρεται το παρόν, συμπρούνεται με τις ουσιαστικές απατήσεις που προβλέπονται από τους κανονισμούς: Οδηγία Μηχανήματος 2006/42/EC - Οδηγία Ηλεκτρομαγνητικής Συμβατότητας 2014/30/EU - Οδηγία 2011/65/EU όπως τροποποιήθηκε από το 2015/863/EU - Οδηγία WEEE 2012/19/EU. Εγγύεται περετάρω ότι ο σχεδιασμός του μηχανήματος και η σχετική κατασκευή του εκτελέσται και υποστηρίζεται από έγγραφα, ακολουθώντας τις ακριβείς εργοστασιακές διαδικασίες σύμφωνα με το πρότυπο EN ISO 9001:2015 οχετικά με τα συντάγματα διαχείρισης ποιότητας.

ES - El fabricante y la persona autorizada para componer el fascículo técnico declara, bajo su propia y exclusiva responsabilidad, que la máquina a la que hace referencia esta declaración guarda conformidad con los requisitos esenciales previstos por las directivas siguientes: Directiva de máquinas 2006/42/EC - Directiva de compatibilidad electromagnética 2014/30/EU - Directiva 2011/65/EU modificada por 2015/863/EU - Directiva WEEE 2012/19/EU. Se garantiza además que el diseño de la máquina y su producción se han efectuado y documentado de acuerdo con procedimientos de fábrica precisos conforme a la normativa EN ISO 9001:2015 relativa a los sistemas de gestión de calidad.

ET - Tootja ja tehnilise toimiku koostajaks volitatud isik kiinnitab oma täielikul vastutusel, et seda, millele käesolev avaldus viitab, vastab järgnevate regulaatide põhiniöndustele: Masinadirektiiv 2006/42/EC - Elektromagnetilise ühilduvuse direktiiv 2014/30/EU - Direktiiv 2011/65/EU muudetud 2015/863/EU-ga - Direktiivi WEEE 2012/19/EU. Peale sellel on garantieeritud, et sedame projekteerimisel ja tootmisel on järgitud täpsed tehasprotseduurid, mis vastavad standardile EN ISO 9001:2015 kvaliteediühitmissüsteemide kohta, ning et seda toetab ka vastav dokumentatsioon.

FI - Valmistaja ja henkilö, joka on valtuettu laatinama tekniikan asiakirja-aineisto, vakuuttavat omalla vastuullaan, että kone, johon tämä lausunto viittaa, vastaa seuraavia direktiivien olennaisia vaatimuksia: Kenedirektiivi 2006/42/EC - Sähkömagneettista yhteensopivuutta koskeva direktiivi (EMC) 2014/30/EU ja Direktiivi 2011/65/EU sisältäen kuin se on muutettuna direktiivillä 2015/863/EU - Direktiivi WEEE 2012/19/EU. Lisäksi taataan, että koneen suunnittelussa ja valmistelussa ja näiden dokumentoinnissa noudatetaan tehtaan tarkoja menettelytapoja, jotka täytävät laadunhallintaosakeyksikön esikiven EN ISO 9001:2015 standardin vaatimuksia.

FR - Le fabricant, et toute personne autorisée à établir le dossier technique, déclare sous sa propre responsabilité que la machine à laquelle se rapporte cette déclaration est conforme aux exigences essentielles prévues par les directives suivantes : Directive Machines 2006/42/EC - Directive Compatibilité Electromagnétique 2014/30/EU - Directive 2011/65/EU telle que modifiée par 2015/863/EU - Directive WEEE 2012/19/EU. Le fabricant garantit également que la conception de la machine, ainsi que sa production, ont été effectuées et documentées, en suivant des procédures d'entreprise précises conformes à la norme EN ISO 9001:2015 relative aux systèmes de gestion de qualité.

GA - Dearbháin an déantóir, agus an duine atá údaraithe chun an comhad teicníúil a chur le chéile, ar a fhreagracht fein go bhfuil an gléas a mbainneann a ráiteas seo leis i gcomhréir leis na ríachtanais atá leagtha amach sna treoracha seo a leanas: Treoir um Inneala 2006/42/EC - Treoir um Chomhriúacht Leictreamaighnéadach 2014/30/EU - Treoir 2011/65/EU arna leasú le 2015/863/EU - Treoir WEEE 2012/19/EU. Deimhnítear freisin go bhfuil dearadh an ghléas agus a dhéantús cléanta, agus doiciméadaithe, de réir gnánsanna beachta atá i gcomhréir leis an rial EN ISO 9001:2015 a bhaineann le cárás bainistiochta cállochta.

HR - Proizvođač i osoba ovlaštena za sastavljanje tehničke dokumentacije, izjavljuje pod svojom punom odgovornošću da je stroj na koji se odnosi ova izjava sukladan bitnim zahtjevima slijedećih direktiva: Direktiva o strojevima 2006/42/EC - Direktive o elektromagnetskoj kompatibilnosti 2014/30/EU - Direktive 2011/65/EU izmjenjene u dopunjuju 2015/863/EU - Direktive WEEE 2012/19/EU. Također, jamči se da su projektirane strojevi i njegova proizvodnja izvedeni i dokumentirani slijedeći precizne tvorničke procedure sukladne normi EN ISO 9001:2015 o sustavima upravljanja kvalitetom.

HU - A gyártó, valamint a mászaki fűzet összéllátására felhatalmazott személy saját felelősségi tudatában kijelenti, hogy a jelen nyilatkozat tárgyát képező gép megfelel az alábbi irányelvök alapvető rendelkezéseinek: 2006/42/EC Gyépek irányelv - 2014/30/EU Elektromágneses kompatibilitás irányelv - 2011/65/EU irányelv, módosítással módosított 2015/863/EU irányelv - WEEE 2012/19/EU irányelv. A gyártó garantálja továbbá, hogy a gép tervezésé, kivitelezése, valamint a folyamat dokumentálásában az üzemi előírások precíz betartásával történik, a minőségekezelési rendszerekkel foglalkozó EN ISO 9001:2015 szabvánnyal összhangban.

IS - Framleiðandinn, og einstaklingurinn sem hefur heimild til að taka saman tekniskjörslín, vottar, á eigin ábyrgð, að vélum sem vísað er til þessi þarfur sem gert er ráð fyrir í eftirfarandi reglugerðum: Vélatískipun 2006/42/EC - Tískipun um rafsegulvissamhafi 2014/30/EU - Tískipun 2011/65/EU eins og henni var breytt með 2015/863/EU - Tískipun WEEE 2012/19/EU. Ennfremur er ábyrgst að hönnun vélarinnar og tengd framleiðsla fer fram, og er það skjalfest, í samræmi við nákvæmt framleiðsluferli og í samræmi við EN ISO 9001:2015 staðalinn um gæðastjórnunarkerfi.

LT - Gamintojas ir asmuo įgaliosių sudaryti techninė dokumentacija, savo atskakymo prieštaravimai, kad staklės, kuriomis skirta šių deklaracijai, atitinka esminius šiuų direktyvų reikalavimus: Mašinų direktyva 2006/42/EC - Elektromagnetinio sudeiniamumo direktyva 2014/30/EU - Direktyva 2011/65/EU su paketimais, padarytais 2015/863/EU - Direktyva WEEE 2012/19/EU. Taip pat užtikrinama ir dokumentuojama, kad staklės buvo sukurtos ir pagamintos tiksliai laikantis gamybos reikalavimų patelėti EN ISO 9001:2015 standarde, dėl kokybės valdymo sistemo.

LV - Ražotājs un persona, kas ir pilnvarota sastādīt tehnisko dokumentāciju, apliecinā uz savu atbildību, ka mašīna, uz kuru šī deklarācija attiecas, atbilst šādu direktīvu: pāmātrasiābā Mašīnu Direktīva 2006/42/EC - Elektromagnētiskās saderības Direktīva 2014/30/EU - Direktīva 2011/65/EU grozīta ar 2015/863/EU pantu - Direktīva WEEE 2012/19/EU. Tieki arī nodrošināts, ka mašīnas dzīdzis, pēc precīziem biznesa procesiem atbilst standarta EN ISO 9001:2015 pāsākībām attiecībā uz vadības sistēmu kvalitāti.

MT - Il-manifattur, il-persuna awtorizzata biex tikkompli l-ifti tekniku jiddikjaraw taħbi ir-responsabilità tagħġġim stess li-l-magni li għalli qed issir din id-dikkarar jippejja konformi għar-ghajnejha, li għażi kien ġej: Direttiva dwar il-Magni 2006/42/EC - Direttiva dwar il-Kompatibilità Elettromagnetica 2014/30/EU - Direttiva 2011/65/EU kif emendata b'2015/863/EU - Direttiva WEEE 2012/19/EU. Dan jiżgura wkoll li d-disin tal magni u l-produzzjoni tagħha jisru, i-jigu dokumentati wara processi tan-negozi preciżi li huma konforma ma' EN ISO 9001:2015 dwar is-sistem ta' gestjoni tal-kwalità.

NL - De fabrikant en gemachtigde voor het samenstellen van het technisch dossier verklaart dat het betreffende toestel voldoet aan de toepasselijke fundamentele voorschriften van de volgende richtlijnen: Machinerichtlijn 2006/42/EC - EMC-richtlijn 2014/30/EU - Richtlijn 2011/65/EU zoals gewijzigd bij 2015/863/EU - Richtlijn WEEE 2012/19/EU. Verder wordt gegarandeerd dat het ontwerp en de productie van het toestel werd gedocumenteerd en geïmplementeerd volgens de vereisten van de norm EN ISO 9001:2015 voor kwaliteitsmanagementsysteem.

NO - Produsenten og den person som er autorisert til å utstede den tekniske dokumentasjonen, erklærer under eget ansvar, at den maskinen denne erklæringen viser til, er i samsvar med de grunnleggende krevet som fremsettes i følgende direktiv: Maskindirektivet 2006/42/EC - Direktivet om elektromagnetisk kompatibilitet 2014/30/EU - Direktiv 2011/65/EU som endret ved 2015/863/EU - Direktiv WEEE 2012/19/EU. Det garanteres videre at utforming av maskinen og den påfølgende framstillingen blir utført og dokumentert etter spesielle prosedyrer for selskapet, i samsvar med regelverket NS-EN ISO 9001:2015 om ledelsessystem for kvalitet.

PL - Producent oraz osoba upoważniona do sporządzenia dokumentacji technicznej zaświadczenie na własną, wyłączną odpowiedzialność, że maszyna, której dotyczy niniejsza deklaracja, jest zgodna z zasadniczymi wymaganiami przewidzianymi w następujących dyrektywach: Dyrektywa Maszynowa 2006/42/EC - Dyrektywa Kompatybilności Elektromagnetycznej 2014/30/EU - Dyrektywa 2011/65/EU zmieniona przez 2015/863/EU - Dyrektywa WEEE 2012/19/EU. Ponadto gwarantuje się, że fazy projektowania oraz produkcji maszyny zostały przeprowadzone oraz są udokumentowane według dokładnych procedur zakładowych, zgodnych z normą EN ISO 9001:2015, dotyczącej systemów zarządzania jakością.

PT - O Fabricante e a pessoa autorizada a preencher o documento técnico declararam, à sua inteira e exclusiva responsabilidade, que a máquina a que se refere esta declaração está em conformidade com os requisitos essenciais estabelecidos pelas seguintes diretrizes: Diretiva Máquinas 2006/42/EC - Diretiva Compatibilidade Eletromagnética 2014/30/EU - Diretiva 2011/65/EU alterada pela 2015/863/EU - Diretiva WEEE 2012/19/EU. É também garantido que a conceção e produção da máquina são efetuadas e documentadas de acordo com procedimentos empresariais específicos em conformidade com a norma EN ISO 9001:2015 relativa aos sistemas de gestão da qualidade.

RO - Fabricant și persoana autorizată pentru realizarea dosarului tehnic declară pe propria răspundere că mașina care se referă la această declarare se confronță cu cerințele esențiale prevăzute de următoarele directive: Directiva 2006/42/EC Mașini - Directiva 2014/30/EU Compatibilitatea electromagnetica - Directiva 2011/65/EU astfel cum a fost modificat de 2015/863/EU - Directiva WEEE 2012/19/EU. Se garantează că, de asemenea, că proiectarea mașinii și producția acesteia, documentate corespunzător, se efectuează cu respectarea unei întreprinderi specifice, conform cu standarul EN ISO 9001:2015 aferent sistemelor de management al calității.

SK - Výrobca a osoba poverená vypracovaním technickej dokumentácie na vlastnú zodpovednosť prehľasuje, že stroj, na ktorý sa toto prehľasenie vzťahuje, je v súlade so základnými požiadavkami, ktoré vyžadujú nasledujúce smernice: Smernica o strojoch zariadeniach 2006/42/EC - Smernica o elektromagnetickej kompatibilite 2014/30/EU - Smernica 2011/65/EU zmenená a doplnená 2015/863/EU - Smernica WEEE 2012/19/EU. Ďalej sa zaručuje, že stroj bol navrhnutý a vyrobený, a výroba je zdokumentovaná, v súlade s presnými firemnými postupmi, ktoré zodpovedajú norme EN ISO 9001:2015 o systémoch riadenia kvality.

SL - Proizvajalec in oseba, pooblaščena za sestavo tehničnega dokumenta, s polno odgovornostjo izdaja potrdilo, da je stroj, predmet te izjave, izdelan v skladu z osnovnimi zahtevami, kot jih določajo predpisi: Direktiva o strojih 2006/42/EC - Direktiva o elektromagnetni združljivosti 2014/30/EU - Direktiva 2011/65/EU kakor je bila spremenjena z 2015/863/EU - Direktiva WEEE 2012/19/EU. Jamčimo tudi za obliko sistema in predmetno izdelavo, pri katerih smo opravili postopke in priznali ustrezno dokumentacijo v skladu z ustrezno tovarniško praksjo in predpisom EN ISO 9001:2015, ki velja za sisteme zagotavljanja kakovosti.

SV - Tillverkaren och den person som har befogenhet att sammanställa den tekniska dokumentationen intygar, på eget ansvar, att maskinen denna försäkrar härvar till överensstämmelser med de väsentliga krav som ställs av följande direktiv: Maskindirektivet 2006/42/EC - Direktivet om elektromagnetisk kompatibilitet 2014/30/EU - Direktivet 2011/65/EU ändrat genom 2015/863/EU - Direktivet WEEE 2012/19/EU. Det garanteras vidare att utformningen av maskinen och därtill hörande tillverkning genomförs dokumenterat, enlighet med exakta fabriksförfaranden som följer standard EN ISO 9001:2015 om system för kvalitetsstyrning.

TR - Üretici ve teknik dosyayı oluşturmakla görevli kişi bu beyanlığının olduğu makinenin, aşağıdaki direktifler tarafından onaylanan temel gerekliliklere uygun olduğunu kendin sorumluluğu altında beyan eder: 2006/42/EC Makine Direktifi - 2014/30/EU Elektromanyetik Uyumluluk Direktifi - 2015/863/EU tarafından değiştirilen 2011/65/EU sayılı Direktif - WEEE 2012/19/EU Direktifi. Bundan başka, makinenin tasarım ve ilgili üretim, kalite yönetim sistemlerine ilişkin EN ISO 9001:2015 standartına uygun kesin işletme prosedürlerinin izlenmesi yoluyla gerçekleştirilmeli ve belgelendirilmesi sağlanır.

Dichiarazione CE di Conformità
EC Declaration of Conformity

Versione linguistica originale in Italiano

Translation of the original Italian version

DESCRIZIONE - DESCRIPTION

AGITATORE GIROSCOPICO
GYROSCOPIC MIXER

MODELLO - MODEL

MATRICOLA - SERIAL No.

[MACHINE NAME]

Fabbricante - Manufacturer

COROB India Pvt. Ltd. - Mumbai - India

c/o Nandigram Factory: Shed No 1-B and 1-A, Nandigram Realtors, N H No 48, Near Nandigram Jain Temple,
Umbergaon, Bhilad, Valsad, Gujarat, 396105

Mandatario e persona autorizzata a costituire il fascicolo tecnico:

Authorised representative and person authorised to compile the technical file:

COROB S.p.A. - Via Agricoltura, 103 - 41038 San Felice s/P (MO) - Italy

Il fabbricante dichiara sotto la propria esclusiva responsabilità
che la macchina alla quale questa dichiarazione si riferisce è
conforme ai requisiti essenziali previsti dalle seguenti direttive:

- Direttiva Macchine 2006/42/CE
- Direttiva Compatibilità Elettromagnetica 2014/30/EU
- Direttiva 2011/65/EU come modificata da 2015/863/EU
- Direttiva WEEE 2012/19/EU

*The manufacturer certifies, under its own responsibility, that
the machine to which this statement refers to, complies with
the essential requirements foreseen by the regulations:*

- Machinery Directive 2006/42/EC
- Electromagnetic Compatibility Directive 2014/30/EU
- Directive 2011/65/EU as amended by 2015/863/EU
- WEEE Directive 2012/19/EU

Nasser Arivoli (Managing Director)
COROB India Pvt. Ltd.
Mumbai, 15/06/2023

John
FAC-SIMILE

BG - Производителят, който е лицето упълномощено за изготвяне на техническата документация, декларира на собствена изключителна отговорност, че машината, за която се отнася тази декларация, е в съответствие със съществуващите изисквания, предвидени от следните Директиви: Директива 2006/42/EC - Машини - Директива 2014/30/EU относно Електромагнитната съвместимост - Директива 2011/65/EU изменена с 2015/863/EU - Директива WEEE 2012/19/EU.

CS - Výrobce a osoba pověřená sestavením technické dokumentace stvrdí na svou vlastní zodpovědnost, že zařízení, ke kterému se toto toto ohlášení vzťahuje, je v souladu se základními požadavky stanovenými následujícími směrnicemi: Směrnice o strojních zařízeních 2006/42/EC - Směrnice o elektromagnetické kompatibilitě 2014/30/EU - Směrnice 2011/65/EU ve znění 2015/863/EU - Směrnice WEEE 2012/19/EU.

DA - Fabrikanten og personen bemindret til at udarbejde den tekniske dokumentation erklærer på eget ansvar at maskinen, som denne erklæring henviser til, er i overensstemmelse med de væsentlige krav i de følgende direktiver: Maskindirektivet 2006/42/EC - Direktivet om elektromagnetisk kompatibilitet 2014/30/EU - Direktivet 2011/65/EU som ændret ved 2015/863/EU - Direktivet WEEE 2012/19/EU.

DE - Der Hersteller und autorisierte Verfasser der technischen Dokumentation erklärt unter eigener exklusiver Verantwortung, dass die Maschine, auf die sich diese Erklärung bezieht, den Grundanforderungen entspricht, die von den folgenden Richtlinien vorgesehen werden: Maschinenrichtlinie 2006/42/EC - Richtlinie zur elektromagnetischen Verträglichkeit 2014/30/EU - Richtlinie 2011/65/EU geändert durch 2015/863/EU - Richtlinie WEEE 2012/19/EU.

EL - Ο κατασκευαστής, και ο εξουσιοδοτημένος συντάκτης του τεχνικού φακέλου, πιστοποιεί, ότι, με δική του υπαπότητα, το μηχάνημα στο οποίο αναφέρεται το παρόν, συμμορφώνεται με τις ουσιαστικές απαιτήσεις που προβλέπονται από τους κανονισμούς: Οδηγία Μηχανιμάτων 2006/42/EC - Οδηγία Ηλεκτρομαγνητικής Συμβατότητας 2014/30/EU - Οδηγία 2011/65/EU ως προτοτυπίη μετά το 2015/863/EU - Οδηγία WEEE 2012/19/EU.

ES - El fabricante y la persona autorizada para componer el fascículo técnico declara, bajo su propia y exclusiva responsabilidad, que la máquina a la que hace referencia esta declaración guarda conformidad con los requisitos esenciales previstos por las directivas siguientes: Directiva de máquinas 2006/42/EC - Directiva de compatibilidad electromagnética 2014/30/EU - Directiva 2011/65/EU modificada por 2015/863/EU - Directiva WEEE 2012/19/EU.

ET - Tootja ja tehnilise toimiku koostajaks volitatud isik kinnitab oma täielikul vastutusel, et seade, millele käesoleval avaldus viitab, vastab järgnevate regulatsioonide põhinõudmistele: Masinadirektiiv 2006/42/EC - Elektromagnetilise ühilduvuse direktiiv 2014/30/EU - Direktiiv 2011/65/EU muudetud 2015/863/EU-ga - Direktiiv WEEE 2012/19/EU.

FI - Valmistaja ja henkilö, joka valtuutetti laatima tekniikan asiakirja-aineksi, vakuuttavat omalla vastuullaan, että kone, johon tämä lausunto viittaa, vastaa seuraavien direktiivien olennaisia vaatimuksia: Konedirektiivi 2006/42/EC - Sähkömagneettista yhteensopivuutta koskeva direktiivi (EMC) 2014/30/EU ja Direktiivi 2011/65/EU sellaisena kuin se on muutettuna direktiivillä 2015/863/EU - Direktiivi WEEE 2012/19/EU.

FR - Le fabricant, et toute personne autorisée à établir le dossier technique, déclare sous sa propre responsabilité que la machine à laquelle se rapporte cette déclaration est conforme aux exigences essentielles prévues par les directives suivantes : Directive Machines 2006/42/EC - Directive Compatibilité Électromagnétique 2014/30/EU - Directive 2011/65/EU telle que modifiée par 2015/863/EU - Directive WEEE 2012/19/EU.

GA - Dearbhlaionn an déantóir, agus an duine atá údaraithe chun comhad teicniciúil a chur le chéile, ar a fhreagrácht féin go bhfuil an gileas a mbainneann an ráiteas seo leis i gcomhréir leis na ríachtáin atá leagtha amach sna treoracha seo a leanas: Treoir um Inneala 2006/42/EU - Treoir um Chomhóiriúacht Leictreamaighnéadach 2014/30/EU - Treoir 2011/65/EU arna leasú le 2015/863/EU - Treoir WEEE 2012/19/EU.

HR - Proizvođač, i osoba ovlaštena za sastavljanje tehničke dokumentacije, izjavljuje pod svojom punom odgovornošću da je stroj na koji se odnosi ova izjava skladan bitnim zahtjevima slijedećih direktiva: Direktive o strojevima 2006/42/EC - Direktive o elektromagnetskoj kompatibilnosti 2014/30/EU - Direktive 2011/65/EU izmijenjena i dopunjena 2015/863/EU - Direktive WEEE 2012/19/EU.

HU - A gyártó, valamint a műszaki füzet összéllátásán felhalmozott személy saját felelősségek tüdataban kijelenti, hogy a jelen nyilatkozat tárgyát képező gép megfelel az alábbi irányelvek alapvető rendelkezéseinek: 2006/42/EC Gépek irányelv - 2014/30/EU Elektromágneses kompatibilis irányelv - 2011/65/EU irányelv, módosítással módosított 2015/863/EU irányelv - WEEE 2012/19/EU irányelv.

IS - Framleidandinn, og einstaklingurinn sem hefur heimild til að að taka saman tekniskjörin, vottar, að eigin ábryrgð, að vélín sem visðar er til að þessari yfirlýsingi, sé í samræmi við þær grunnkröfur sem gert er ráð fyrir í eftirfarandi reglugerðum: Vélatískipun 2006/42/EC - Tílskipun um rafsegulviðsamhæfi 2014/30/EU - Tílskipun 2011/65/EU eina og henni var breytt með 2015/863/EU - Tílskipun WEEE 2012/19/EU.

LT - Gamintojas ir asmuo įgaliotas sudaryti techninę dokumentaciją, savo atskakomybe pareišķia, kad staklės, kurioms skirta ši deklaracija, atitinka esminius šiuų direktyvų reikalavimus: Mašinų direktyva 2006/42/EC - Elektromagnetinio sudeiniamumo direktyva 2014/30/EU - Direktyva 2011/65/EU su pakeitimais, padarytais 2015/863/EU - Direktyva WEEE 2012/19/EU.

LV - Ražotājs un persona, kas ir pilnvarota sastādīt tehnisko dokumentāciju, apliecinā uz savu atbalstu, ka mašīna, uz kuru šī deklarācija attiecas, atbilst šādu direktīvu: pamatprasībām Mašīnu Direktīva 2006/42/EC - Elektromagnētiskās saderības Direktīva 2014/30/EU - Direktīva 2011/65/EU grozīta ar 2015/863/EU pantu - Direktīva WEEE 2012/19/EU.

MT - Il-manifattur, u l-persuna awtorizzata biex tikkompila l-fajl tekniku jiddikjaraw taħbi ir-responsabilità tagħhom stess li l-magna li għalli qed issir din id-dikjarazzjoni hija konformi għar-rekwiziti essenziali previsti mid-direktivi li ġejjin: Direktiva dwar il-Magni 2006/42/EC - Direttiva dawar il-Kompatibilità Elettromagnetica 2014/30/EU - Direttiva 2011/65/EU kif emendata b'2015/863/EU - Direttiva WEEE 2012/19/EU.

NL - De fabrikant en gemachtigde voor het samenstellen van het technisch dossier verklaart dat het betreffende toestel voldoet aan de toepasselijke fundamentele voorschriften van de volgende richtlijnen: Machinerichtlijn 2006/42/EC - EMC-richtlijn 2014/30/EU - Richtlijn 2011/65/EU zoals gewijzigd bij 2015/863/EU - Richtlijn WEEE 2012/19/EU.

NO - Produsenten og den personen som er autorisert til å utstede den tekniske dokumentasjonen, erklærer under eget ansvar, at den maskinen denne erklæringen viser til, er i samsvar med de grunnleggende kravene som fremsettes i følgende direktiv: Maskindirektivet 2006/42/EC - Direktivet om elektromagnetisk kompatibilitet 2014/30/EU - Direktiv 2011/65/EU som endret ved 2015/863/EU - Direktiv WEEE 2012/19/EU.

PL - Producent oraz osoba upoważniona do sporządzenia dokumentacji technicznej zaświadczenie na własną, włączną odpowiedzialność, że maszyna, której dotyczy niniejsza deklaracja, jest zgodna z zasadniczymi wymaganiami przewidzianymi w następujących dyrektywach: Dyrektywa Maszynowa 2006/42/EC - Dyrektywa Kompatybilności Elektromagnetycznej 2014/30/EU - Dyrektywa 2011/65/EU zmieniona przez 2015/863/EU - Dyrektywa WEEE 2012/19/EU.

PT - O Fabricante e a pessoa autorizada a preencher o documento técnico declararam, à sua inteira e exclusiva responsabilidade, que a máquina a que se refere esta declaração está em conformidade com os requisitos essenciais estabelecidos pelas seguintes directivas: Diretiva Máquinas 2006/42/EC - Diretiva Compatibilidade Eletromagnética 2014/30/EU - Diretiva 2011/65/EU alterada pela 2015/863/EU - Diretiva WEEE 2012/19/EU.

RO - Fabricant și persoana autorizată pentru realizarea dosarului tehnic declară pe propria răspundere că mașina la care se referă prezenta declaratie se conformează cerințelor esențiale prevăzute de următoarele directive: Directiva 2006/42/EC Mașini - Directiva 2014/30/EU Compatibilitatea electromagnetică - Directiva 2011/65/EU astfel cum a fost modificată de 2015/863/EU - Directiva WEEE 2012/19/EU.

SK - Výrobca a osoba poverená vypracovaním technickej dokumentácie na vlastnú zodpovednosť prehľaduje, že stroj, na ktorý sa toto prehľásenie vzťahuje, je v súlade so základnými požiadavkami, ktoré vyžadujú nasledujúce smernice: Smernica o strojoch zariadeniach 2006/42/EC - Smernica o elektromagnetickej kompatibilite 2014/30/EU - Smernica 2011/65/EU zmenená a doplnená 2015/863/EU - Smernica WEEE 2012/19/EU.

SL - Proizvajalec in oseba, pooblaščena za sestavo tehničnega dokumenta, s polno odgovornosti izdaja potrdilo, da je stroj, predmet te izjave, izdelan v skladu z osnovnimi zahtevami, kot jih določajo predpis: Direktiva o strojih 2006/42/EC - Direktiva o elektromagnetični družljivosti 2014/30/EU - Direktiva 2011/65/EU kakor je bila spremenjena z 2015/863/EU - Direktiva WEEE 2012/19/EU.

SV - Tillverkaren och den person som har befogenhet att sammanställa den tekniska dokumentationen intygar, på eget ansvar, att maskinen denna försäkrar hänsät till överensstämmelser med de väsentliga krav som ställs av följande direktiv: Maskindirektivet 2006/42/EC - Direktivet om elektromagnetisk kompatibilitet 2014/30/EU - Direktivet 2011/65/EU ändrat genom 2015/863/EU - Direktivet WEEE 2012/19/EU.

TR - Üretici ve teknik dosyayı oluşturmaktak görevli kişi bu beyanlı ligli olduğu makinenin, aşağıdaki direktifler tarafından öngörülen temel gerekliliklere uygun olduğunu kendi sorumluluğu altında beyan eder: 2006/42/EC Makine Direktifi - 2014/30/EU Elektromanyetik Uyumluluk Direktifi - 2015/863/EU tarafından değiştirilen 2011/65/EU sayılı Direktif - WEEE 2012/19/EU Direktifi.

UK Declaration of Conformity

Description	AUTOMATIC MIXER
Model	[MACHINE NAME]
Serial Number	
Manufacturer:	COROB India Pvt. Ltd. - Mumbai - India c/o Daman Factory: Plot No. 10 - 13 & 13 A, Daman Industrial Estate, Somnath Road

The manufacturer certifies, under its own responsibility, that the machine to which this statement refers to, complies with the relevant statutory requirements applicable to the specific machine:

- The Supply of Machinery (Safety) Regulations 2008 (S.I. 2008:1957)
- The Electrical Equipment (Safety) Regulations 2016 (S.I. 2016:1101)
- The Electromagnetic Compatibility Regulations 2016 (S.I. 2016:1091)
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (S.I. 2012 No. 3032)
- The Waste Electric and Electronic Equipment (WEEE) Regulations 2013

Nasser Arivoli
(Managing Director)
COROB India Pvt. Ltd.
Mumbai, 01/01/2023



UK Declaration of Conformity

Description	AUTOMATIC MIXER
Model	[MACHINE NAME]
Serial Number	
Manufacturer:	COROB India Pvt. Ltd. - Mumbai - India, c/o Nandigram Factory: Shed No 1-B and 1-A, Nandigram Realtors, N H No 48, Near Nandigram Jain Temple, Umbergaon, Bhilad, Valsad, Gujarat, 396105

The manufacturer certifies, under its own responsibility, that the machine to which this statement refers to, complies with the relevant statutory requirements applicable to the specific machine:

- The Supply of Machinery (Safety) Regulations 2008 (S.I. 2008:1957)
- The Electrical Equipment (Safety) Regulations 2016 (S.I. 2016:1101)
- The Electromagnetic Compatibility Regulations 2016 (S.I. 2016:1091)
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (S.I. 2012 No. 3032)
- The Waste Electric and Electronic Equipment (WEEE) Regulations 2013

Nasser Arivoli
(Managing Director)
COROB India Pvt. Ltd.
Mumbai, 15/06/2023

