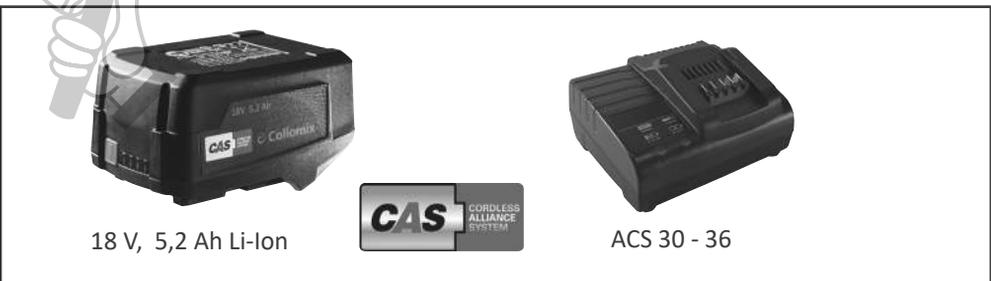
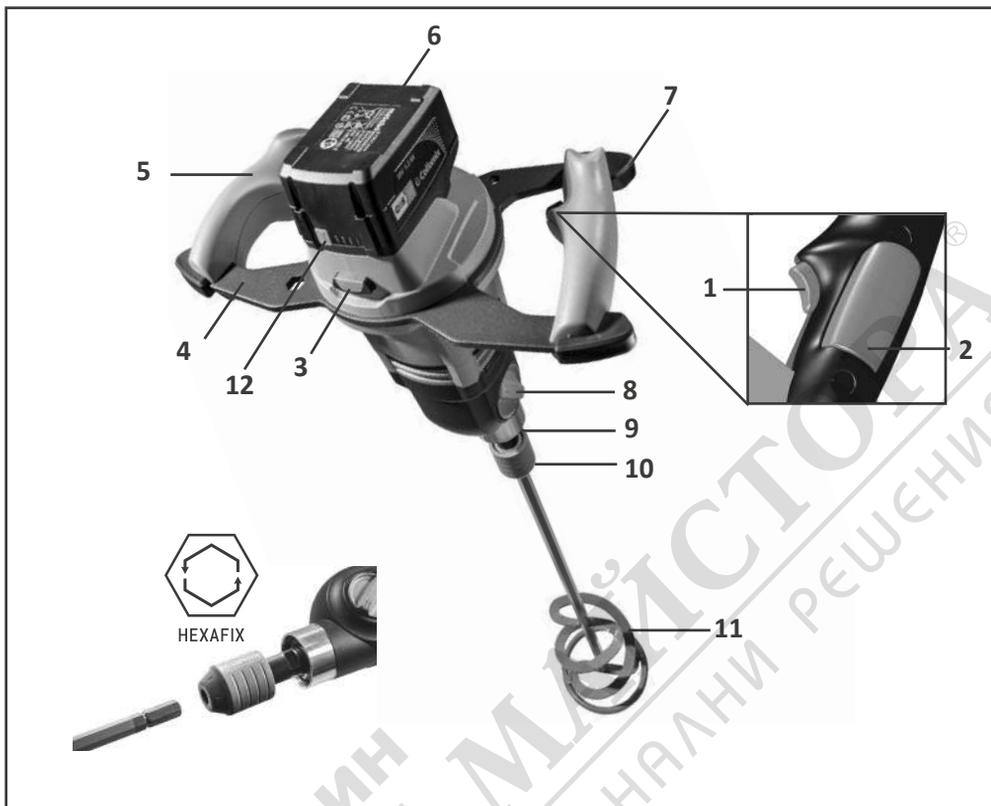




Xo 20 NC

DE	Originalbetriebsanleitung	Akku-Rührwerk
EN	Original Operating Instructions	Cordless mixer
FR	Manuel d'instructions d'origine	Malaxeur sans fil
ES	Manual de servicio original	Agitador de batería
PT	Instruções de utilização originais	Misturado sem fio
IT	Istruzioni per l'uso originali	Miscelatore a batteria
NL	Originele handleiding	Accu-mixer
DK	Original betjeningsvejledning	Batteri omrører
SV	Original-bruksanvisning	Batteridriven omrörare
NO	Bruksanvisning i original	Batteri røreverk
SF	Alkuperäiskäyttöohje	Akku sekoitin
PL	Instrukcja oryginalna	Mieszarka akumulatorowa
TR	Orijinal Kullanım Kılavuzu	Akülü El mikseri
RU	Руководство по эксплуатации	Аккумуляторная мешалка





Technical data

	Xo 20^{NC}
Rated voltage	18 V
Idle speed 1st gear	- 470 min ⁻¹
Idle speed 2nd gear	- 780 min ⁻¹
Speed under load, 1st gear	- 350 min ⁻¹
Speed under load, 2nd gear	- 580 min ⁻¹
Maximum paddle diameter	140 mm
Paddle support	HEXAFIX
External thread of the agitator shaft	5/8"
Max. mix amount	- 65 litres
Weight without paddle, without battery	4.05 kg
Recommended CAS battery	18 V, 5.2 Ah

Intended use

The machine is intended for mixing liquid and powder building materials such as paints, mortar, adhesives, plaster and similar substances. The appropriate paddle that offers the right mixing effect should be used based on the consistency of the material and the quantity of material being mixed. **The total quantity of max. 30 kg/40 litres should not be exceeded per mixture.**

The information in the technical data should be noted when selecting the paddle type (diameter/mixing effect). Selecting an unsuitable mixing effect or paddle diameter can overload the machine/drives and consequently lead to damage. Please note that a paddle with a mixing effect from top to bottom puts a greater strain on the power tool than vice versa.

Due to the high torque of the machine, it is not permitted for use as a drill.

It is not permitted to use the machine to prepare foodstuffs.

The machine is not suitable for mixing materials containing graphite dust, brine or slurry. Mixing these substances can destroy the machine.

The user is solely responsible for damage caused by improper use.

Generally recognised accident prevention regulations and enclosed safety instructions must be observed.

Machine elements

- 1 Unlocking mechanism for On/Off switch
- 2 On/Off switch
- 3 Unlocking mechanism for battery
- 4 Metal frame
- 5 Handles
- 6 Battery pack
- 7 Rubber buffer
- 8 Gear selector
- 9 Agitator shaft
- 10 HEXAFIX coupling
- 11 Paddle
- 12 Capacity indicator button

Device-Specific Safety Instructions

⚠️ WARNING: Read all safety information, instructions, illustrations and technical data provided with this power tool. Failure to observe the safety information and the following instructions may result in electric shock, fire and/or severe injuries.

Retain all safety information and instructions for the future.

The term "power tool" used in the safety instructions refers to mains-operated power tools (with mains lead) and battery-operated power tools (without mains lead).

It is only possible to work with the device safely if you read the operating instructions and the safety instructions in full and strictly follow the instructions. The machine may only be used by persons familiar with the operating instructions and the applicable regulations regarding occupational safety and accident prevention.

⚠️ In addition, the "General Safety Instructions" enclosed must be followed.

- **Do not operate the device in an environment with a potentially explosive atmosphere.** Do not mix any highly flammable solvents or solvent-containing substances with a flash point below 21 C.
- Ensure that no liquid sprays onto the motor housing and also avoid exposure to the rain – risk of electric shock!
- Do not clean the device with water – risk of electric shock!
- Always hold the device with both hands when working and ensure you have a secure footing.
- Prior to commissioning, check that the mixing stick is seated firmly and that it runs perfectly true.

- Only start/stop the device in the mixing vessel. Ensure that the mixing vessel has a firm and secure footing.
- Do not reach with your hand or objects into the mixing vessel during ongoing mixing operation. Risk of crushing!
- Wait, until the device and/or tool comes to a complete standstill. Rotating tools can get stuck and cause injuries or damage.
- If the sound pressure level in the workplace exceeds 85 dB (A), wear hearing protectors!
- It is recommended to wear work gloves and protective goggles when working with the mixer. Wearing close-fitting clothing is a requirement.
- Wearing a dust mask is recommended to protect against potentially harmful dust during mixing. Some mineral substances are carcinogenic. Use a vacuum cleaner where possible.



Wear protective goggles and hearing protectors when working.



It is recommended to wear a dust mask during work involving large amounts of dust.



Wear protective gloves when working.

Special safety instructions for cordless machines:



- Protect battery packs from moisture!



- Do not expose battery packs to fire!

- Do not use defective or deformed battery packs!
- Do not open battery packs!
- Do not touch or short-circuit the battery packs' contacts!



- A slightly acidic, flammable liquid may escape from defective Li-ion battery packs!



- If battery fluid escapes and comes into contact with the skin, rinse immediately with plenty of water. If battery fluid comes into contact with the eyes, rinse thoroughly with clean water and seek immediate medical attention!

Transporting Li-ion battery packs:

- The shipment of Li-ion battery packs is subject to hazardous goods legislation (UN 3480 and UN 3481). Clarify the currently valid regulations when sending Li-ion battery packs. Ask your transport company for information if necessary.
- Only send battery packs if the housing is undamaged and no fluid is escaping. Remove the battery pack from the machine for shipping purposes. Protect the contacts against short-circuit (e.g. insulate with adhesive tape).
- Remove the battery from the power tool before transporting, storing or performing any work on the power tool (e.g. maintenance, tool change, etc.).

Assembly HEXAFIX / paddle

Screw the HEXAFIX coupling enclosed with the packaging onto the agitator shaft's 5/8" external thread.

Insert the mixer with HEXAFIX holder shaft into the coupling until it snaps into place.

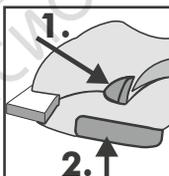
To remove or change the mixer, just pull the sleeve on the coupling and the mixer will be released.

Keep the HEXAFIX coupling clean and grease it from time to time. This maintains its functionality.

Operation

Always hold the machine with two hands.

Switching on



Press the button for the switch-on lock (1). The switch is unlocked.

Press the ON / OFF button (2).

The more firmly the ON / OFF switch is pressed, the faster the machine runs.

The ON / OFF switch cannot be locked!

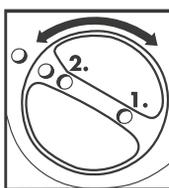
It is best to work with the ON / OFF switch fully depressed at all times.

Switching off

Release the ON / OFF switch to finish the work.

This machine has a 2-speed gearbox.

Two maximum speeds (1st gear low speed, high torque / 2nd gear high speed) are available.



Turn the gear selector by 180° to change from one gear to another.

Only operate the gear selector when the device is stopped.

Prevent accidental start-up: always switch the machine off if the battery pack is removed from the machine.

EN Work at a reduced speed when immersing the machine into or removing it from the mix. Once the machine has been fully immersed, increase the speed to the maximum so that sufficient motor cooling is guaranteed.

Guide the machine through the mixing vessel during the mixing process. Mix until all the mix has been completely worked through. Observe the material manufacturer's processing instructions.

The tougher the mixture, the higher the torque forces acting on the machine; prepare yourself for this during work.

Recoil may occur if the running mixer comes into contact with a surface (e.g. base of the bucket).

Battery pack

Charge the battery pack before use. Recharge the battery pack if the performance drops.

The ideal storage temperature is between 10°C and 30°C.

If the battery capacity has been depleted, the machine remains at a standstill. Re-insert a fully charged battery.

“Li-Power” Li-ion battery packs have a capacity and signal indicator (11):

Press the button (10) and the charge status is indicated using the LED lights.

If an LED light flashes, the battery pack is almost flat and must be recharged.

Removing / inserting the battery pack

Removing: Press the button for the battery pack unlocking mechanism (3) and pull the battery pack (6) forwards and out.

Inserting: Slide the battery pack (6) on until it snaps into place.

Fault:

Overload protection: The machine was switched off automatically. The device is too hot!

Leave the machine idling until it has cooled down.



ensure sufficient cooling. Blocked ventilation openings will lead to the destruction of the device.

Make sure that the On/Off switch moves smoothly and that it is unlocked.

The machine is fitted with carbon brushes that switch off automatically. The machine switches off when the minimum length is reached. Have the carbon brushes replaced by the authorised customer service department or Collomix plant service team.

Repairs must only be carried out by authorised workshops or by the Collomix Service department.

Only use original Collomix or CAS battery packs and accessories.

Only buy battery packs with a voltage that matches your power tool.

Exploded drawings, spare parts lists and the form to request repairs can be found at: www.collomix.com

Disposal

The device, accessories and packaging should be introduced into an environmentally friendly recycling system.

For EU countries only:

Do not dispose of power tools together with household waste.

According to EU Directive 2002/96/EC on waste electrical and electronic equipment and your country's transposition into national law, power tools that are no longer usable must be collected and sent to an eco-friendly recycling facility.



Special instructions for cordless machines:

Battery packs must not be disposed of together with household waste! Return defective or used battery packs to your dealer!

Do not throw battery packs into water!

Discharge the battery pack in the power tool before disposal. Protect the contacts against short-circuit (e.g. insulate with adhesive tape).

Care and maintenance

Remove the battery from the power tool before transporting, storing or performing any work on the power tool (e.g. maintenance, tool change, etc.). There is a risk of injury if the ON / OFF switch is pressed accidentally.

Clean the machine and paddle immediately after use. We recommend the Collomix MIXER-CLEAN cleaning bucket to clean the paddle.

Remove the paddle from the coupling after finishing the work.

Keep the HEXAFIX coupling clean and running well.

Regularly lubricate the hexagonal support of the coupling with suitable lubricant.

The ventilation openings must be kept clean and clear to

Warranty

The manufacturer offers a product warranty within the scope of the delivery terms and in accordance with legal / country-specific regulations. Please include your payment receipt or delivery note with any warranty claims.

Please return the device to us if you detect any irregularities. Complaints / claims can only be considered if the device is delivered to the Collomix Service department in a complete and undismantled state.

Any damage resulting from normal wear, overload, improper handling, non-approved accessories or insufficient maintenance shall be exempt from the warranty.

Any repairs carried out by third parties shall release us from any warranty obligation.

Any structural or functional changes to the device not authorised by us shall result in the invalidation of the warranty as well as the declaration of conformity.

Noise/vibration values

Measured values determined according to EN 60745

The A-weighted noise level of the device is typically:

	Sound pressure L_{pA} [dB(A)]	Sound power L_{WA} [dB(A)]
Xo 20 NC	76 dB(a)	87 dB(A)
Uncertainty K = 3 dB		

Vibration total value (when stirring mineral substances)

	Emission value a_n [m/s^2]
Xo 20 NC	1.5 m/s^2
Uncertainty K = 1.5 m/s^2	

The stated technical data is subject to tolerances (corresponding to the respective valid standards).

Emission values

These values make it possible to estimate the emissions of the power tool and compare various power tools. The actual load may be higher or lower depending on the operating conditions and the condition of the power tool or the attachments. For estimation purposes, take into account work breaks and phases with lower loads. Define protective measures for the user, e.g. organisational measures, based on correspondingly adjusted estimated values.

Subject to change

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www.collomix.com