

EasyCapper

easycapper.it



Operating and maintenance instructions

Translated from the original
instruction - ENGLISH



STELLIN s.r.l.

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WARRANTY

Easy Capper is guaranteed for 24 MONTHS.

The warranty period runs from the date on which the machine is delivered to the user. "Delivery" means both sale of the product and any other method of supply to the user (goods sent for evaluation, testing, etc.). Repairs covered by the warranty must only be performed by the manufacturer or by authorized personnel. Complaints must be presented in writing within 8 (eight) days from receipt of the machine. The warranty solely covers the repair or replacement, free of charge, of those parts recognized as being defective (with the exclusion of electrical parts) after careful examination by the Manufacturer. Replacement or repairing of parts covered by the warranty will in no case extend the warranty terms.

The purchaser may only assert his warranty rights when he has complied with the conditions concerning services provided under guarantee, as indicated in the supply contract.

The warranty does not cover:

- Damage caused by failure to comply with the operating instructions and/or partial or superficial consultation of the information in this manual.
- The purchaser's failure to exhibit the filled-out warranty certificate and sales invoice or sales receipt to the manufacturer or authorized personnel.
- Repairs or replacements of parts subject to normal wear and repairing of damage caused by overloading with products.
- Failure to comply with the instructions in this manual.
- Insufficient maintenance.
- Operator errors.
- Damage caused by force majeure or unforeseeable circumstances not ascribable to the manufacturer.
- Repairs performed by the user without the Manufacturer's authorization or modification of the machine through use of spurious spares and the damage is caused by these modifications.
- Damage deriving from negligence, carelessness, misuse or improper use of the machine.

Removal of the safety devices with which the machine is equipped will automatically void the warranty and the Manufacturer's liability.

When covered by the warranty, the returned machine or parts of it must be shipped Carriage Free.

PICTOGRAMS AND THEIR MEANINGS

The following symbols are used in this manual to warn the operator of dangers or possible faults.

	Danger. Moving machinery.		Danger electricity.
	Danger. Pay special attention to the following information.		Danger! Do not remove the safety protection devices
	Read the instruction manual carefully.		

It is strictly forbidden to remove or change the warning signs affixed to the capper. Such action immediately and totally voids the warranty. Ask for worn warning signs to be replaced.

LIMITS TO USE AND SAFETY REGULATIONS

- The operator must use the machine in accordance with the instructions in this manual, the accident prevention regulations in force, the conditions of use and technical characteristics of the machine itself.
- The machine must not be used unless its safety devices are installed, connected and properly adjusted.
- The user must provide training for the personnel about the risks deriving from accidents, about the devices installed for operator safety and about the general accident-prevention rules established by the directives and by the laws in force in the country where the machine is used.
- Lack of attention, irresponsibility and overconfidence are often the cause of accidents, as are tiredness and drowsiness.
- It is obligatory to read this manual very carefully, especially the safety regulations.
- Failure to comply with the indications in this Section and tampering with the safety devices will relieve the Manufacturer from all liability for ensuing damage or faulty operation of the machine.

GENERAL RECOMMENDATIONS

- The user must take all the necessary measures to prevent unauthorized persons from accessing the machine.
- The user also undertakes to ensure that everyone who uses the machine is fully familiar with the operating instructions and safety regulations in force.
- The user must inform the Manufacturer of all defects or faults in the accident-prevention systems, as well as all presumed danger situations.
- The personnel must not, on their own initiative, perform operations or interventions that are not of their competence.
- The personnel are obliged to inform those concerned about all problems or dangerous situations that may occur.
- The machine has been built in accordance with the current state of the art and functions safely if used correctly.
- The machine must only be used for the purpose for which it has been designed.
- It is absolutely forbidden to operate the machine or have it operated by persons who have not read and understood the instructions in this manual or by persons who are inexperienced or not in good conditions of health.
- Pay attention to the danger signs in this manual and affixed to the machine itself.
- Before starting the machine, always make sure that all its safety devices are in perfect conditions.
- Become familiar with the controls and their functions before beginning work.
- • The area in which the machine is used must be considered a <DANGER ZONE>, especially for persons who have not been trained to use the machine itself. Always check to make sure that there are no obstructions of any kind in the vicinity before starting the machine.
- When the machine is operating, the operator must be in position at the control station so that he is able to monitor the entire machine and act at any moment and whenever needed.
- It is absolutely forbidden to near one's body to moving mechanical components when the machine is operating.
- It is absolutely forbidden to remove or tamper with the safety devices.
- Periodically check to make sure that the overall machine and the protection devices are in perfect conditions.
- Do not perform maintenance or cleaning work unless the machine has been switched off.
- If the casings are removed, make sure that they have been fitted back in place correctly before using the machine again.
- Maintenance work must be strictly performed as described in this manual. Damaged or worn parts must be replaced by specialized personnel.
- The spare parts must conform to the requirements established by the manufacturer.
- Only use original spare parts.
- The machine has been designed and built in accordance with all the pertinent safety regulations for the protection of those who work with it.
- Despite this, further residual risks may still be present, i.e. those risks that cannot be completely eliminated owing to the peculiarity of the processes and to certain conditions of use.
- These potential hazards are indicated on the machine by warning decals (pictograms), which use symbols to warn of unsafe or dangerous situations.
- Keep the pictograms clean and replace them immediately if they partially detach or are damaged.
- • Wear appropriate clothing. Do not wear neckties, necklaces, wide or loose clothing: they could become caught up in moving parts. Long hair must be tied back.
- The user must undertake to ensure that the personnel is provided with appropriate personal protective equipment (gloves, safety footwear, hard hat, etc.) and with the correct tools and equipment before unloading, lifting and handling the machine.
- Before handling the machine, ensure that it has been disconnected from the power supply source (remove the electrical cable from the socket).
- The machine can be handled by one person only, provided it is seized with one's both hands, using slipping prevention gloves and suitable safety shoes.
- The loading base on which the machine is to be positioned must be perfectly flat so as to prevent the load from shifting in any way.

MACHINE IDENTIFICATION

Costruttore
Stellin s.r.l. Orgiano (VI) Italy

Denominazione Tappatore	Modello Easy Capper
Tipo Semiautomatico	Anno XXXX
Matricola XXXX	Tensione 230 V
Frequenza 50 Hz	

Each machine is equipped with a label for identification which data report:

- Identification of the manufacturer
- "EC" marking;
- Model
- Type;
- Serial number;
- Year of construction

The machine is supplied as standard with:

- Instructions for use and maintenance.
- "CE" declaration of conformity by the manufacturer.

DESCRIPTION AND TECHNICAL FEATURES OF THE MACHINE

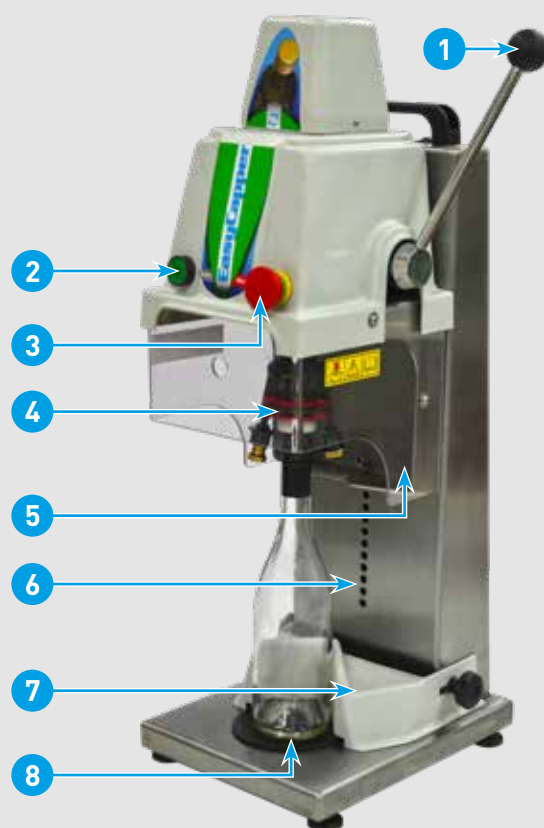
The machine is designed to carry out capping making use of aluminium caps with the dimensions shown in the table on page 6. The machine must not be used in presence of corrosive environments, acids, solvents or any other corrosive or inflammable material.

TECHNICAL FEATURES

Construction material	Stainless steel
Width	320 mm
Length	250 mm
Height	780 mm
Weight	22 kg
Screws	Galvanized steel/Stainless steel
Hourly production rate	Approx 300/400 bottles/h
Power supply	230 V
Noise level	70 dB
Geared motor	
Speed of rotation	97 rpm
Power rating	0,52 kW
Reduction ratio	0,114583333
Type of reducer	Worm gear reducer

DESCRIPTION OF THE MAIN PARTS

1. **LEVER HEAD MOVEMENT:** Lever that starts the process of capping.
2. **PUSH BUTTON START:** Button that starts the rotation of the motor.
3. **PUSH BUTTON STOP/EMERGENCY:** Button that causes the forced shutdown of the machine.
4. **ROLLING HEAD:** Head consisting of two rolls that gives the thread in the aluminium cap.
5. **PROTECTION CARTER:** Fixed transparent operator's protection carter. It prevents direct contact with the rolling head.
6. **HEIGHT ADJUSTING HOLES:** You can adapt the capper to different sizes of bottles by placing the head to the desired height.
7. **CENTERING ADJUSTMENT BOTTLE:** Shaped metal sheet to enable centring of the bottle.
8. **BOTTLES SUPPORT:** Seat-slip rubber in which to place the bottle.



MACHINE POSITIONING AND POWER SUPPLY

Remove the capper from its packaging. No special skill is required of the people in charge of positioning and assembling the machine, except for the familiarity and strict observance of the norms and instructions laid out in the present Manual. Easy Capper must be positioned on a perfectly horizontal, preferably non-slip work top about 80 cm in height.

Make sure that the worktop is able to bear the weight of the machine. Easy capper must be kept in places where there is no fire risk, well away from heat sources and inflammable fluids or solids.

Connect the machine to the electrical power supply network using the cable provided, after having ensured that the voltage of the network corresponds to the one shown on the machine identification plate (see Technical Characteristics table). Do not connect the machine to a long extension cable, as voltage drop may cause faulty operation of the machine.

Verify that all the machine parts and the protection carter have been correctly assembled.

PREPARATION FOR START-UP AND MACHINE USE (see phases shown from page 6 to page 13)

- Assemble on the machine the suitable rolling head for the type of bottle to process.
- The capper is shipped and packaged with the head in the lowest position; see to adjusting the height of the rolling head.
- Place in the relevant position the (oil or wine) bottle to apply cap on, and centre the bottle with respect to the rolling head.
- Carry out adjustment of the pressure rollers of the head.
- Press the START button with your left hand, and lower the lever with your right hand. Impress a slight pressure to have the head make 3-4 turns (lever pressure time approximately 2-3 seconds).
- Remove the capped container, verify the result of the process and proceed to the next one.
- At the end of the work session remove electrical power supply from the machine by unplugging the capper. Always remove the machine from the power supply network when not in use.

MAINTENANCE AND CLEANING

To keep the machine in conditions of efficiency a few simple cleaning and maintenance operations are required, as described here below:



Never wash the machine with water jets.

Always remove the capper from the electrical power supply network before carrying out maintenance and cleaning operations.

- Carry out accurate cleaning of the machine at the end of the day.
- Use a clean cloth for routine cleaning: do not use corrosive or abrasive liquid detergents.
- To keep the machine performances unaltered, regularly check the condition of the rollers.
- In case of breaking or spilling of liquids from the bottle being processed, immediately stop the machine and remove power supply to it. Then proceed to removing the liquid and cleaning and drying the machine.

SPARE PARTS

Contact the Manufacturer or the manufacturer's representative if spare parts are required. Broken or damaged parts must be repaired or replaced by persons authorized by STELLIN s.r.l.. Repairs to the labelling machine performed by persons unauthorized by STELLIN s.r.l. not only voids the warranty, but makes the machine unsafe and potentially dangerous.

Spare parts available:

- every component in the machine is provided as replacement by the manufacturer.

STORAGE DURING IDLE PERIODS

Proceed as described below if the machine is to remain idle for a long period of time:

- Remove the power supply cable from the machine and place it in a safe location.
- Make sure that the machine is perfectly clean.
- Thoroughly check the machine and replace any damaged and/or worn parts.
- Cover the machine with a cloth.
- When resuming operation of the machine, check efficiency of its movements before using it.

If these operations are performed with care it will be all to the advantage of the user, who will be sure to find the machine in excellent conditions whenever it is required.

DISPOSAL

Comply with the anti-pollution laws in force if the machine is dismantled.

The machine must be de-activated at the end of its technical and operating life cycle.

When the machine can no longer be used for the purpose for which it was once designed, it must be disposed of in such a way that its materials can be recycled.

STELLIN s.r.l. declines all liability for damages to persons, pets or objects, deriving from a reuse of individual parts of the machine for functions or assembly arrangements different from the original ones.

THESE OPERATING INSTRUCTIONS MUST BE READ, MEMORIZED AND KEPT THROUGHOUT THE ENTIRE LIFE CYCLE OF THE MACHINE

PREPARATION FOR START-UP AND MACHINE USE



Oil caps (mm)	Wine caps (mm)
Standard: 31.5 x 24	30 x 60
Anti filling: 31.5 x 24	





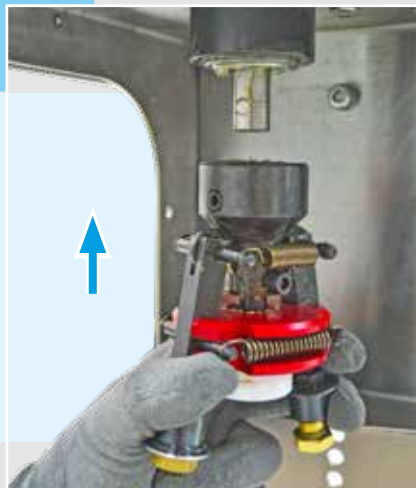
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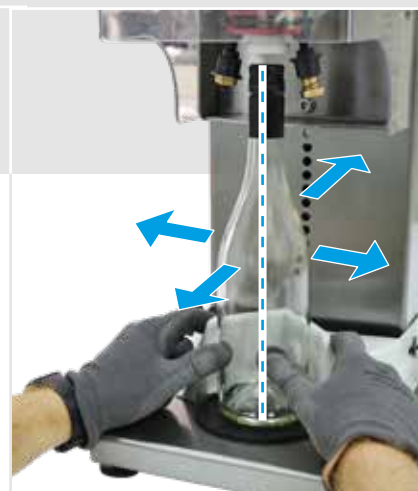
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3



4

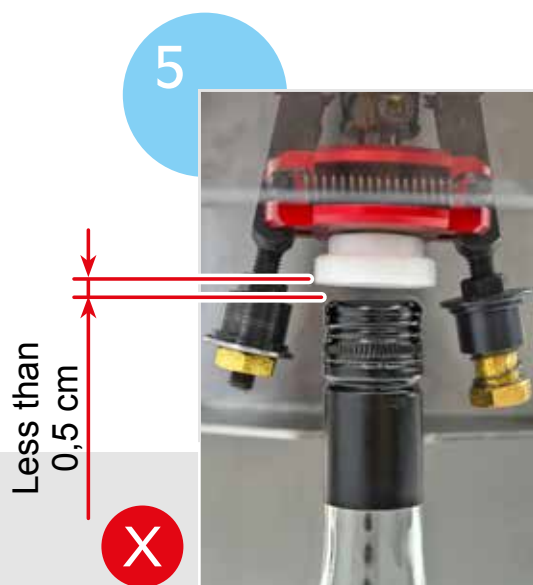


1 - Machine levelling – feet adjustment.

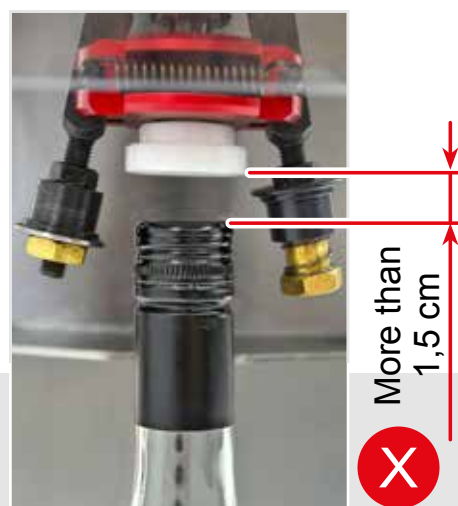
2 - Electrical power supply – fitting of the cable.

3 - Assembly of the rolling head (example caps for wine bottles).

4 - Bottle centring adjustment.



WRONG POSITION



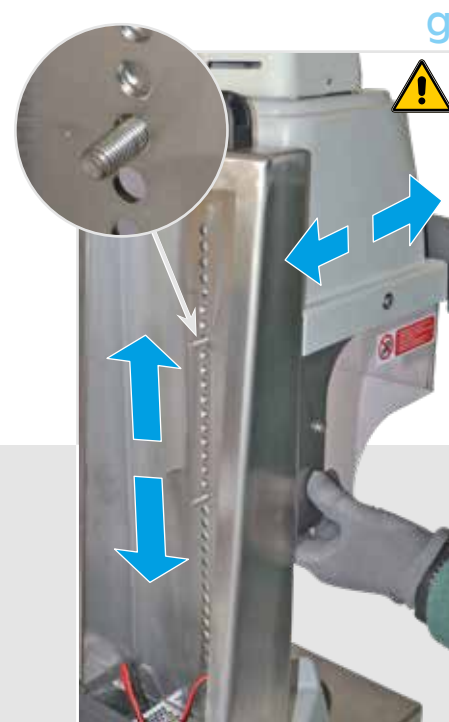
WRONG POSITION

5 - Adjustment of bottle spacing from the rolling head (optimum distance between 0,5 and 1,5 cm).

5 a-b-c - Removal of the rear carter.

5 d - Removal of the electrical cable.





5 e-f - Removal of the pawls and of the capper upper side locking profile.

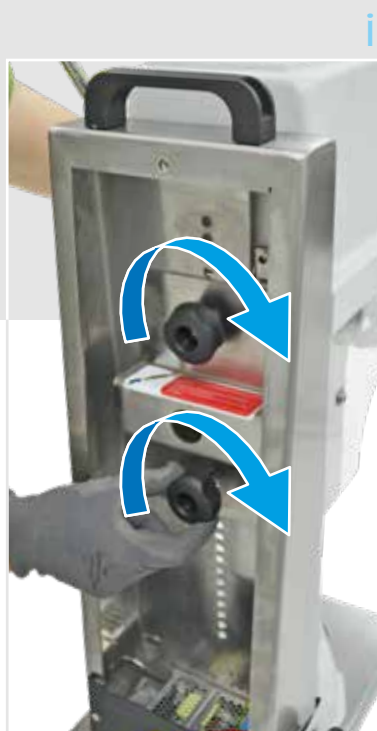
5 g - New positioning of the capper upper side height.



WARNING: Adequately support the upper side of the capper during the phases of releasing and positioning, with both hands or with the help of another person.

5 h-i - Assembly of the profile and locking pawls of the capper upper side.

5 l - Connection of the electrical cable.





5 m-n - Assembly and fastening of the rear carter.

5 o - Connection of the power supply cable.

5 p - Optimum distance of the bottle from the rolling head between 0,5 and 1,5 cm.



CORRECT POSITION

6



a



c



b

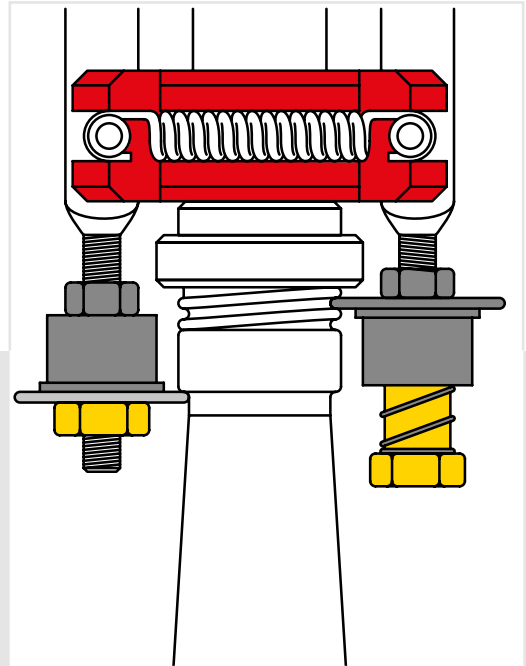


d



6 - Preparation of the cut cap for calibration of the rolling head rollers.

7



CORRECT POSITION OF THE ROLLERS



7 a - Closing of the rolling head: keep in position.

7 b - Adjustment of the fixed roller: act on the two screws and bring the fixed roller to the correct position.

7 c - Adjustment of the mobile roller: act on the nuts and bring the mobile roller to the correct position.

8

a



OPEN HEAD

b



CLOSED HEAD

8 a - Lever in top position: rolling head open, bottle with cap inserted in work position.

8 b - Start-up button pressed down, lever in bottom position: the rolling head in rotation lowers and closes on the cap. Keep the lever and the button pressed down for 2-3 seconds to carry out capping. Release button and lever, the head stops rotation and opens.

c



8 c - **WARNING:** At the end of the work process verify that the cap does not move from the bottle and that the screw of the cap is well defined.



DECLARATION OF CONFORMITY



Issued under the sole responsibility of the manufacturer, STELLIN s.r.l., who declares that the machine described here below:

NAME: Screw cap capper
TYPE: Easy Capper
MODEL: Screw caps
REGISTRATION NUMBER:
YEAR:

is in compliance with the essential safety requirements laid out in the following norms:

- Directive 2006/42/EC and subsequent amendments and supplements (Machinery Directive);
- Directive 2004/108 EC (Electromagnetic Directive);
- Directive 2006/95/EC (Directive on Low Voltage).

The following norms have also been applied:

- UNI EN 12100 UNI EN13857
- UNI EN 349 + A1 CEI EN 0204-1
- CEI EN 50081-1 CEI EN 50082-1

The legal entity authorised to sign the technical file is STELLIN s.r.l. - Address: Via San Feliciano, 17/A - 36040 Orgiano (VI) – Italy.

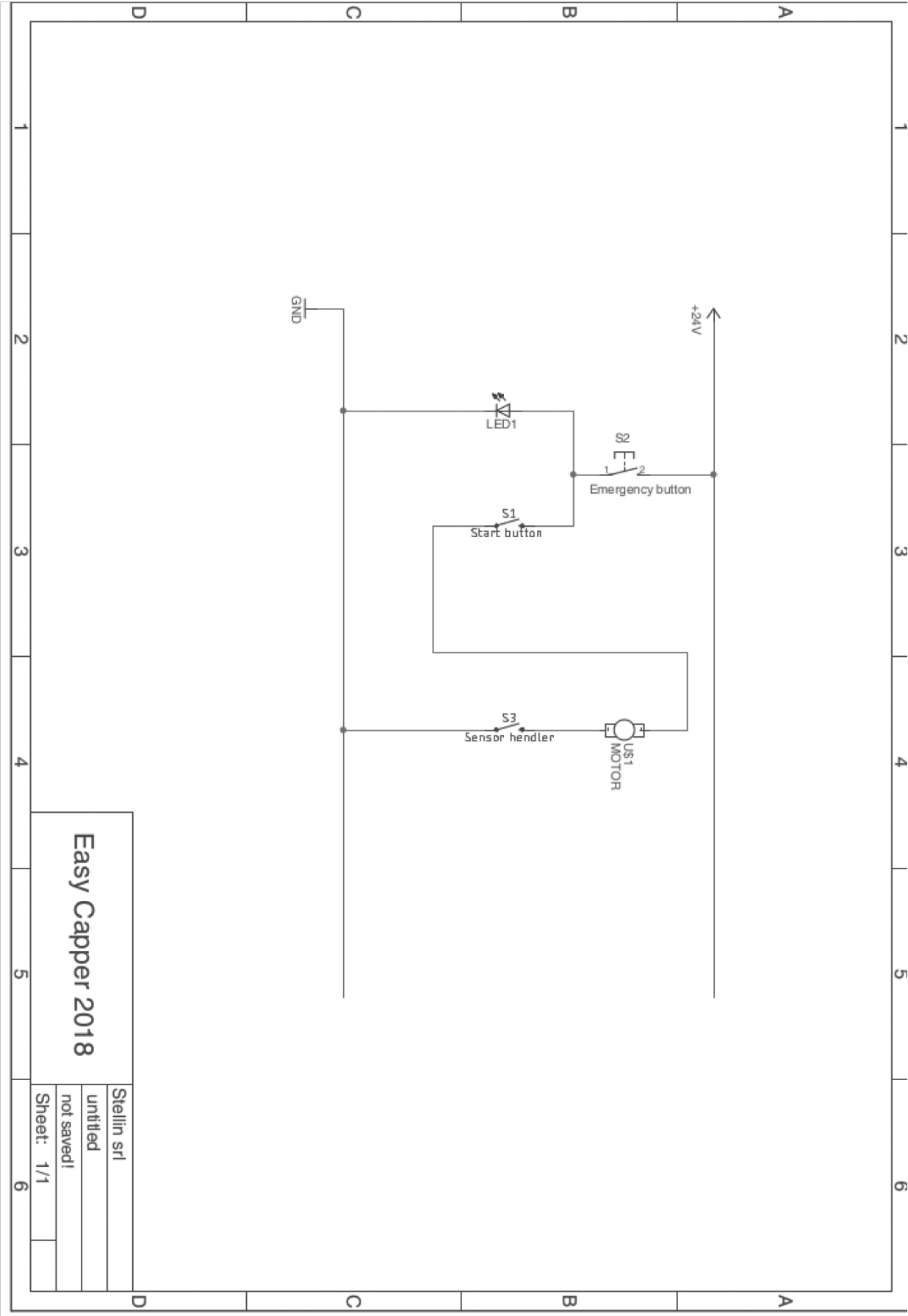
Date _____

The legal representative
Guardian and holder of the technical file
Moreno Stellin

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ELECTRICAL DIAGRAM





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