

**ggm gastro**  
INTERNATIONAL

**C8E1400-N**

**INSTALLATION AND TROUBLESHOOTING GUIDE**

***ONION CHOPPER***

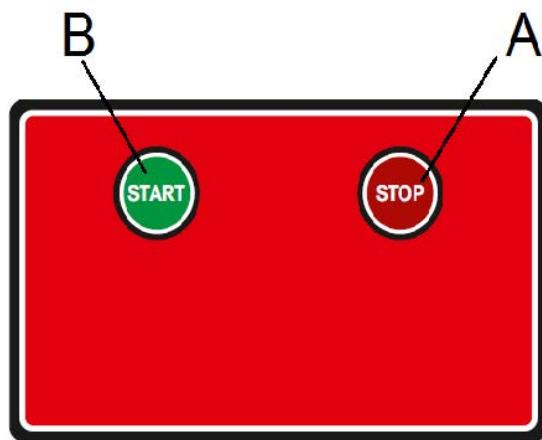
**Code:**

**C8E1400-N**

## EXTERNAL VIEW OF THE DEVICE



## TOUCHSCREEN CONTROL PANEL



A:STOP BUTTON

B:START BUTTON

Capacity (lt)	Power (Kw)	Weight (kg)	Voltage (V)	Hz	Motor Speed	Condensers	Motor (A)	Cable Cross Sec. (mm <sup>2</sup> )	Fuse Selection (A)
8	0,37	20	220	50	1/mil 1400	15 uf 450 V 64-77 uf 250 V	3,4	3x1,5	10

## **INFORMATION AND INSTALLATION**

### **A1 INSTALLATION**

Place the device on a flat and solid surface and take necessary precautions against tipping risks.

Before connecting the device, make sure that the socket cable cross-section and the fuse amperage to which it is connected are correct.

Make sure that the voltage you connect the device to is the same with the voltage value written on the device label.

The earthing connection of the device must be made in accordance with the standards and safety rules.

The earthing of the device must be connected to the grounding line in the nearest panel of the electrical installation.

The electrical connection of the device, the residual current fuse connected to the device must be made in accordance with the regulations and rules in force.

Before operating the device, make sure that the chopping knife in the bowl is fully inserted into the barrel shaft.

Place the pre-washed vegetables that you want to chop into the bowl of the device.

Make sure that the top lid and boiler safety switches of the device are in the closed position. Otherwise the device will not be activated.

By pressing and holding the Start button on the control panel of the device, you can activate the device and perform the chopping process.

When the device is turned off with the Stop button, the blade in the chamber will continue to rotate for a while. Do not open the lid of the device during this time.

When you are done with the device, turn off and de-energize the device from the control panel.

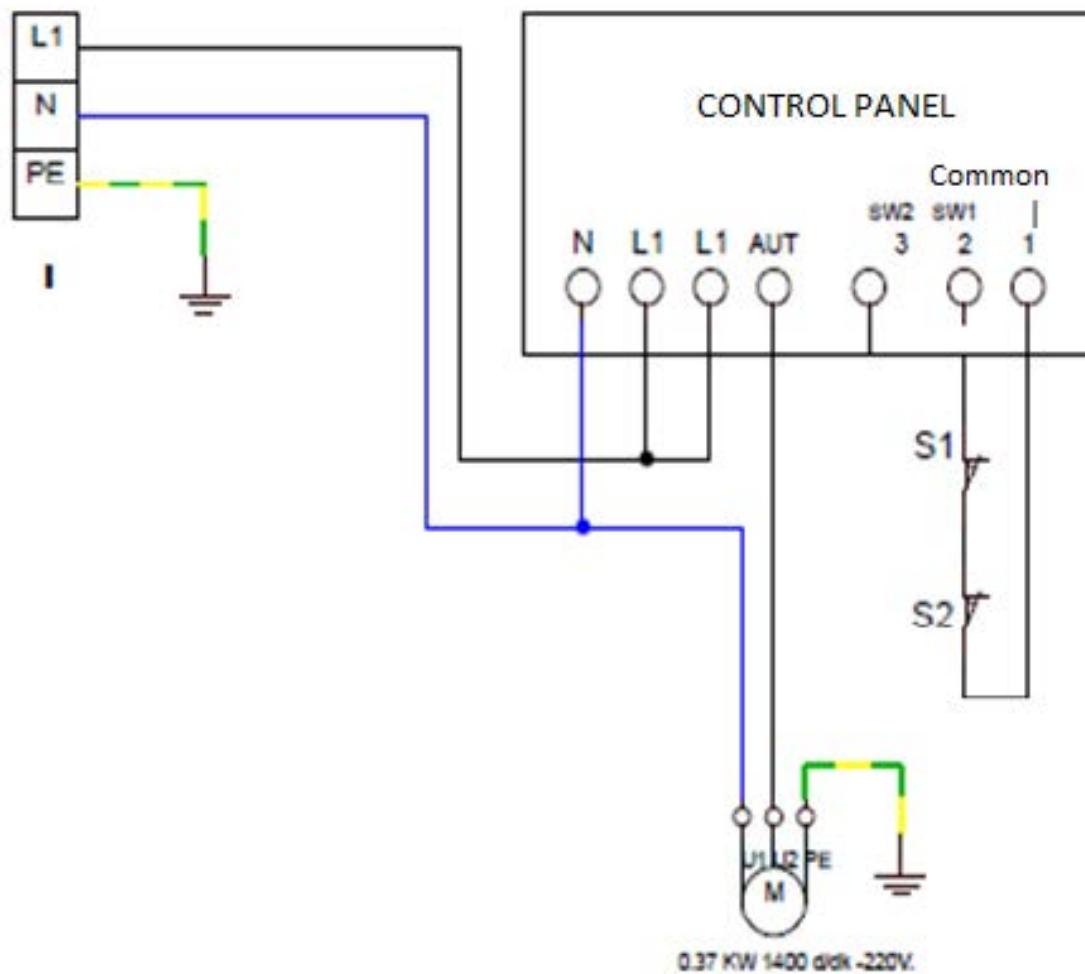
It is recommended to clean the device after each use.

You can remove and wash the top lid, bowl and chopping blade.

Do not wash the body of the device while cleaning . Otherwise, water may get into the electrical parts and damage the device.

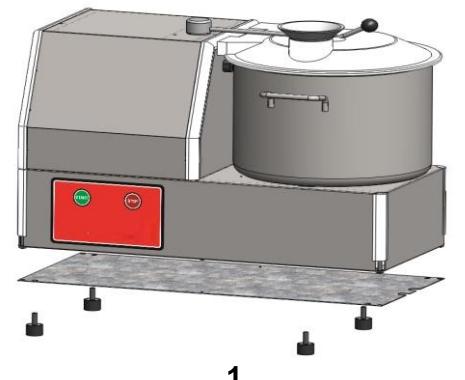
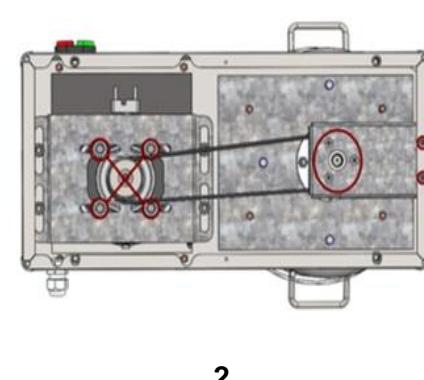
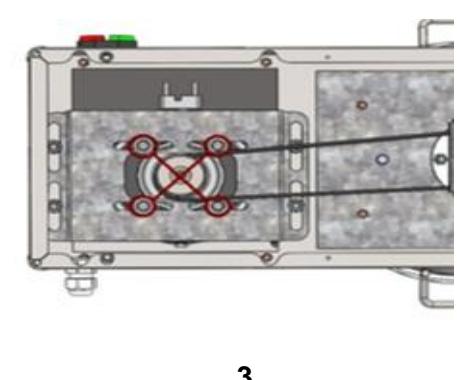
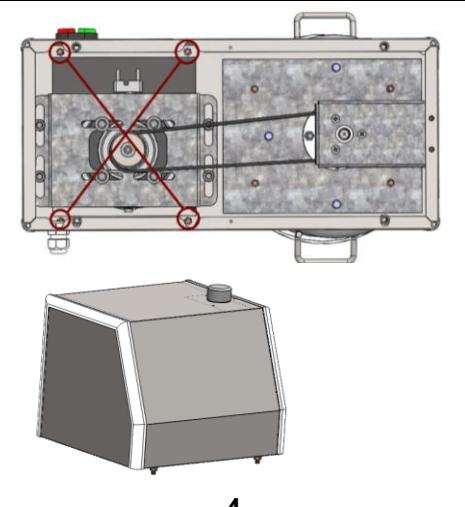
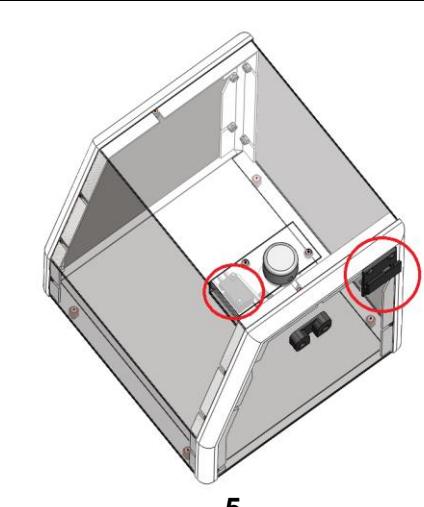
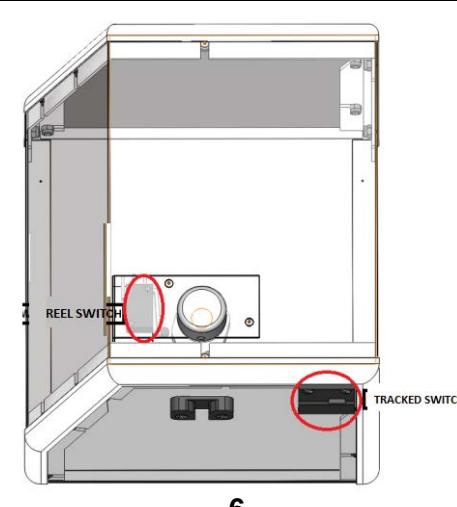
It is recommended to wipe the exterior surface of the device with stainless surface cleaner or a damp cloth and then dry it.

## ELECTRICAL CIRCUIT DIAGRAM



I	TERMINAL
M	MOTOR
S1	MECHANICAL LID SWITCH
S2	MECHANICAL BOILER SWITCH
0/1	TOUCHSCREEN CONTROL PANEL

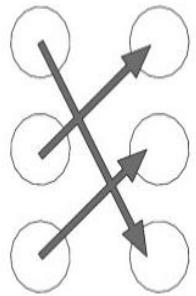
## DISASSEMBLY GUIDE FOR MAINTENANCE AND REPAIR

		
<p>For maintenance, troubleshooting and replacement of parts, unscrew the bottom plate bolts.</p>	<p>In this part of the device, you can access the sleeve and belt parts.</p>	<p>Loosen the motor connection bolts to tension the belt of the device. Tension it in the slot and tighten the bolts again.</p>
		
<p>The body sheet of the device is fixed with marked bolts. By removing the bolts, you can remove the body sheet and intervene in the motor and electrical components.</p>	<p>The safety switches of the device are in the specified areas and you can operate from these sections.</p>	

## DIAGNOSTICS AND REPAIR GUIDE

PROBLEM	POSSIBLE CAUSE	TROUBLESHOOTING	
<b>Device is not working</b>	The main supply or supply cable may be faulty.	CHART 1	Check the main supply voltage with a measuring instrument. Check the supply cable with a measuring instrument. If it is defective, replace it.
	The touch card may be faulty.	CHART 2	Check whether the card is energized or not. If it is energized but does not give output, replace the card.
	Switches may be faulty.	CHART 3	The pallet or spool of the switches may be damaged, check. Check whether the switches are working with an avometer. Replace if defective.
	The electric motor may be faulty.	CHART 4	Check the motor cable connections and whether the electricity reaches the motor with an avometer. If there is a fault in the windings, replace the motor.
<b>The device works, there is motor noise, but the blade does not rotate, it has difficulty</b>	The pulley or belt between the motor and the system that drives the apparatus may be defective. Motor capacitors may be blown and internal motor platinum may be stuck		Disassemble the device, observe the movement between the motor and the apparatus and eliminate any malfunction. Replace any parts that need to be replaced. If there is no burning in the motor windings, check the capacitors and replace if there is a break. Open the motor rear flange cover and check the platinum inside the motor, it will work after removing the arc formed by sticking to the platinum with sandpaper.
<b>Device Blowing a Fuse</b>	It may be overloaded		The motor may draw high amperage due to strain and blow the fuse. Empty the product in the reservoir and try again.
	The fuse in the line may have low current.		If the fuse ampere of the line is small, increase the ampere to the given value and try again.
	There may be a short circuit in the main supply and supply cable, card or motor.		Check the electrical components in order and replace any short-circuited or defective parts.
<b>Electric motor Heats up Card trips and throws a thermal</b>	Motor windings will also heat up when loaded above their capacity.		Heat occurs in the motor windings as the speed of the motor shaft decreases due to motor strain. Make sure that the products you have shredded are suitable for the intended use of the device, load the device according to the density of the product and perform the shredding process. Check the motor windings and replace the motor if there is scorching in the windings.
	As a result of a decrease or increase in phase voltage, heat may occur in the motor and the motor protection thermostat on the card will give a warning. ( Tolerance $\pm 5\%$ )		The main supply unit to which the device is connected is checked with a measuring device and if it is low, the device is not operated. For cards with thermal error, voltage is checked and the device is unplugged and plugged in again for reset.

## DIAGNOSTICS AND REPAIR GUIDE

CHART 1	<p>Move the position of the avometer to ACV, make sure that the red probe tip touches the phase terminal and the black probe tip touches the neutral terminal and check whether the voltage value is around 220 V.</p>	<b>MONOPHASE INPUT TERMINALS</b>	BROWN	GREEN/ YELLOW	BLUE
CHART 2	<p>If the card is energized but does not pass energy when the start button is pressed, the card is defective. Replace it.</p> <p>If the energy is not cut when you press the stop button while the machine is running, the card is defective. Replace it.</p>		PHASE	EARTH	NEUTRAL
CHART 3	<p>Tracked and roller switches are the type of sensors that are active through contact.</p> <p>Switches are connected in series with each other in the system. Check whether the switch ends are in a malfunction by measuring with an avometer.</p> <p>In case of failure, you can check the switches separately and solve which one is faulty.</p>			<b>TRACKED SWITCH AND ROLLER SWITCH</b>	
CHART 4	<p>Check the electric motor terminal connection. Causes such as looseness, non-contact will affect the operating performance of the device or it will not work at all.</p> <p>For winding control, all bridges are removed and checked crosswise as shown in the figure. Measurement is made at the ohm level of the avometer. The resistances should be approximately the same in all 3.</p> <p>If there is a difference, it means that there is a break or short circuit in the winding.</p> <p>If the motor starts with difficulty during the first start, it is due to the coils in the picture being broken or the motor platinum sticking.</p>				



GGM Gastro International GmbH  
Weinerpark 16  
D-48607 Ochtrup

[www.ggmgastro.com](http://www.ggmgastro.com)      [info@ggmgastro.com](mailto:info@ggmgastro.com)  
+49 2553 7220 0