



## OWNER'S MANUAL - LABELLING HEAD CWL – 100 C



PROJECT ID. 02024



### ***Vertical and Horizontal Labelling System***

Congratulations on your CWL – 100 C Labelling System purchase.  
This Labeller is designed to give you years of trouble-free operation.

Please read this owner's manual to gain the maximum benefits of your labeller and its different components.



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### 2. DECLARATION OF CONFORMITY

<b>Manufacturer</b>	<b>Baumann Engineering Pty. Ltd.</b>
<b>Address</b>	<b>8 Powys CTT Castle Hill NSW 2154 Australia</b>
<b>Phone</b>	<b>+ 61 (2) 4235 44 686</b>
<b>E-mail</b>	<b>sales@baumann-industries.com</b>
<b>Website</b>	<b>www.baumann-industries.com</b>
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### 3. PRODUCT DESCRIPTION: CWL- 100 C Compact labelling machine

#### **Serial Number: No. 312**

The manufacturer declares that the above product meets all the requirements of the machinery Directive.

The above product fulfils the following requirements:

- System type: Side labeller.
- Robust Performance and User-Friendly Operation.
- This machine is designed for high-performance labelling, ensuring an efficient labelling process.



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### **Acceptance certificate for machine transfer**

<b>Machine Type:</b>	
<b>Machine No.:</b>	
The installation was carried out in accordance with the project specification:	Yes/No
Functional test and test run without any deficiencies:	Yes/No
The personnel were trained:	Yes/No

Names of participants:
•
•
•

The operating manual was handed over.	Yes/No
There were not found any safety defects arising from the machine, the operation, the settings, or adjustment of the machine.	Yes/No
	Yes/No
Safety defects were found:	Yes/No

Comment:

Customer's Address:	Address of appointed Dealer:
Date / Customer's Signature	Date / Signature service engineer
.....	.....



## OWNER'S MANUAL - LABELLING HEAD CWL – 100 C

### 4. GENERAL INFORMATION

#### 1.1 Information on this Manual

This Manual provides important information on how to work with the device safely and efficiently. The Manual is part of the device, must always be kept in the device's direct proximity and should be available for the personnel at any time.

Compliance with all specified safety notes and instructions is a basic requirement for safety at work.

Moreover, the accident prevention guidelines and general safety regulations applicable at the site of implementation of the device must also be complied with. For better representation of circumstances, the illustrations used are not necessarily to scale and may vary from the actual design of the device.

### PREFACE

The **CWL – 100 C** labelling machine has been designed to meet your specific needs both in terms of yield and versatility.

Please read this manual carefully. It will help you to maintain the machine in prime operating condition and will enable you to maximise its usage. The Baumann Engineer service department is always at your disposal to help you take full advantages of the quality and production capacity of our product.

### INTRODUCTION

The information in this manual has been prepared by Baumann Engineering Department to familiarise operators and maintenance personnel with the CWL-100 C labelling machine. The machine incorporates some proprietary items for which operating, and maintenance instructions are supplied separately from this manual.

The CWL-100 C labelling machine has been designed to operate using simple, easily understood principles and will operate safely.

This manual gives operators and maintenance engineers a general understanding of the machine.

A full and complete understanding of this machine can only be gained by experience, supported by a study of this manual and the associated publications and training provided by Baumann Engineers. Personnel using or repairing this machine should have received the appropriate training to ensure that they are familiar with possible dangers.



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Baumann Engineering Pty.Ltd. has a policy of continual research and development, and we reserve the right to make such modifications and design changes as are considered necessary. For this reason, illustrations, and, given in this manual may differ in detail from machines in current production.

No part of this document may be produced or copied in any way without prior written permission from Baumann.

	<b>Baumann Australia Pty.Ltd.</b> Tel: 02 720 521 70
Model:	<b>CWL 100 C</b>
Mach. No.:	<b>312</b>
Year / Manuf.	<b>2025</b>

Labeller	
Model No.	CWL –1 00 C
Serial No.	CWL 312
Ship Date:	4 Sept. 2025
Owner:	Robert Bosch Australia Pty.Ltd. Pty.Ltd.
Location:	1555 Centre Road Claiton 3168

This extra heavy duty portable CWL - 100 inline labeller can easily be integrated into a wide range of packing lines.

The portability of the CWL- 100 enables operators to easily position the labeller.

The labelling head has a servo motor drive, optimized for the labelling procedure and high speeds to achieve maximum labelling precision.



### 5. SCOPE OF THIS DOCUMENTATION

This documentation comprises the general safety notes and selected information regarding the device.

- Please note that this documentation does not replace the detailed instructions.
- Read the detailed operating instructions before you start working with the device.
- Observe the information, instructions and notes in the detailed operating instructions. This is essential for fault-free operation of the unit and fulfillment of any rights to claim under warranty.
- All technical documentation from Baumann Engineering is available as individual PDF files.

#### **Instruction:**

The personnel must be instructed in the tasks assigned to it by the owner as well as in the possible dangers related to the work before starting any work. The personnel must have read the Manual and participated in an instruction.

Knowledge of the contents must be confirmed by the participants by signature.

Instructions must be repeated at regular intervals (however, at least once a year).

For better tracking, an instruction protocol must be created containing at least the following information:

- Date of the instruction
- Name of the person instructed
- Content of the instruction
- Name of the person having carried out the instruction
- Signatures of the person instructed, and the person having carried out the instruction



**Instruction Form**

Date	Name	Content of instruction	Instructed by	Signature of the person instructed





### 6. SAFETY

#### a. Dangers due to untrained personnel:

Untrained and unqualified personnel pose a risk to itself and other persons.

- Work may only be carried out by personnel, experienced in the performance of the commissioned tasks and informed about the dangers.
- Responsibilities of the personnel must be clearly specified for the respective live phases.
- Only employ sufficiently trained and authorised personnel having the qualifications specified in the personnel requirements.
- Only employ sufficiently trained and authorised personnel having the qualifications specified in the personnel requirements.

#### b. Dangers due to electrical power:

Touching conductive parts causes a danger to live, this may result in severe injuries or death. In addition, electrical components which are switched on may carry out uncontrolled movements.

- Work on electrical systems and equipment must only be carried out by a skilled electrician and in accordance with electro-technical regulations.

Before starting work on the electrical system:

- De-energise the device.
- Secure it against being switched on again.
- Make sure that motors/drives and moving parts are standing still.
- Cordon off the work area and mark it with a warning sign.
- Check for de-energisation.
- Earth and short circuit.
- Cover neighbouring parts.
- Only use voltage isolated tools.
- Regularly check electrical equipment for damage. Danger due to loosen cable connections and burnt cables. Remedy defects immediately and have repairs carried out.
- Do not bridge fuses or render them ineffective.
- When replacing defective fuses make sure you use the correct amperage.
- Keep moisture away from conductive parts.
- Always keep control cabinets locked.



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### **c. Dangers due to electrostatic residual potentials:**

Friction caused by paper, film, conveyor belts and other non-conductive materials may build electrostatic potentials and result in a danger to persons. Discharge may result in an electrical shock or in secondary accidents due shock reaction because of discharge. In case of fear of repeated shocks, uncertainty may lead to mistakes. Furthermore, the health of persons is generally impaired in cases of permanent charging.

- Ensure potential equalisation prior to touching parts.
- Wear conductive clothing and shoes.

### **d. Dangers due to moving components:**

Freely accessible moving device components can create hazard zones which may cause severe injuries or death. There is a danger of being caught, pulled in or entrained by moving parts.

If the hazard zone cannot be spatially separated from the work area, the following safety measures must be observed.

- Keep a safety distance to hazard zones.
- Wear tight fitting clothing.
- Do not wear rings, chains, neckless, and other jewellery.
- Wear a hair net in case of long hair.
- Do not remove protective covers.
- Do not put safety devices and/or functions out of operation and do not render them inoperative or bypass them.
- Never reach in to running equipment.
- Before starting any work in hazard zones, always wait for the standstill of lagging components and for the autonomous discharge of residual energies.
- Secure the device from being switched on again to avoid unintentional movements of components. Cordon off the work area and mark it with a warning sign.

### **e. Dangers due to falling material rolls and other items**

- Always hold material rolls tight with both hands when handling them and secure them as specified after insertion.
- Always wear personal protective equipment when setting up and carrying out maintenance or repair work.



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### **f. Dangers due to sharp edges:**

Sharp edges, sharp corners and sharp paper edges may result in abrasion, scratches, and cuts.

- Always pay attention and caution when carrying out work.
- Wear personal protective equipment.

### **g. Dangers due to pressurised media:**

Pressurised pipes and hoses (for example compressed-air supply, media supply) may move uncontrollably and cause severe injuries in case of improper handling. Media may leak from pressurised components under high pressure in case of improper handling or a defect and cause severe injuries.

Before start working on these components:

- Establish an unpressurised condition.
- Discharge residual energies.
- Check the system for a depressurised condition.
- Make sure that the medium is not unintentionally leaking.
- Defective components which are pressurised during operation must be immediately replaced.
- 

In general, work on pressurised components may only be carried out by appropriately qualified experts (pneumatic experts)



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### 7. SAFETY - MEANING OF THE SIGNAL WORDS

The following table shows the grading and meaning of the signal words for safety notes, notes on potential risks of damage to property, and other notes.

#### **DANGER**

##### **h. Hazardous voltage.**

Disconnect and lockout power before servicing machine or cleaning. Do not remove panels unless power has been disconnected and locked out at risk of electric shock hazard.

#### **WARNING**

##### **i. Moving parts. Pinch point hazard.**

Disconnect and lockout power before servicing machine or cleaning. Do not remove panels unless power has been disconnected and locked out at risk of electric shock hazard.

#### **CAUTION**

##### **i. Hot surfaces. Do not touch.**

To avoid skin burns, disconnect and lockout power. Allow surfaces to cool before servicing or cleaning.

##### **j. Cleaning agents.**

Do not get the cleaning agents in eyes, or skin, or clothing. Always wear rubber gloves, goggles, and protective clothing when contact is likely. Consult product manufacturer for specific details.

#### **Signal words used in classification of potential hazards are defined as follows:**

1. **DANGER:** Indicates an imminently hazardous situation, which, if not avoided, may result in death or serious injury.
2. **WARNING:** Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
3. **CAUTION:** Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury. Caution also indicates that may cause property damage.



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### k. Installed safety devices:

Non-functioning bridged or disabled safety devices are not protecting against dangers and may cause severe injury or death.

- Before switching on the system, always make sure that all safety devices are properly installed and working.
- Never disable safety devices.
- Always keep safety devices freely accessible.

## 8. MACHINE TECHNICAL DATA

### I. Model CWL – 100 C

The following data are applicable to all models of the series CWL – 100

#### Note:

The data on dimensions of the automatic cross-web labelling machine are included in the dimension sheet in the annex to this operating manual.

#### Work area:

Specification	Value
Temperature range	5 – 30 ° C
Relative humidity, non- condensing	25 – 80 %
Conditions	Protect devices components and media containers from sun and heat. Avoid direct moisture, dust load and frost.
Noise emission	≤ 70 Db (A)



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### a. LABELLER

Parameter	Value
Electrical supply	
Voltage and number of phases	240 – VAC, 50/60 Hertz, single phase
Max. power consumption	1500 VA
Normal current	4 A
Circuit breaker: Tripping current	10 A.
Tripping current characteristic	Characteristic C

### Operating time:

Specification	Value
Uninterrupted operation, max.	Suitable for continuous operation
Maintenance intervals, min.	6 months
TECHNICAL DATA LABELLING HEAD	

## II. Model CWL – 100 C

### Labelling Station

b. Specification	Value CWL – 100C
Label strip width	30, 50, 100 mm
Label length	30 – 200 mm
Label detector	Capacitive / Interspace (min. 2 mm)
Label transport length continuous	Automatic length measuring
Label reel (max. outer diameter)	300 mm
Inside or outside winding	Yes
Label roll weight max.	10 Kg
Label reel (core diameter)	76 (40) mm
Label material	Paper or plastic label
Labelling accuracy	+/- 0.5 mm
Backing paper reel max	100 mm
Maximum dispensing speed	40 m/min
Drive motor	Servo motor
Material	Anodized aluminium & stainless steel
Increment	0.1 mm
Display	HMI
Program database	20 programs
Electronics	PLC AB controller



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Weight Labelling head only	20Kg
Dimensions Labelling Head	L 500mm / W 250 mm / H 500 mm
Adjustment device	Vertical

### c. Features

- Ideal for top, side or bottom labelling
- Label head mounted on gantry mechanism
- Allows infinite vertical and horizontal adjustments along frame
- Labeller available in left to right or right to left configurations
- Removable base enables to mount labelling head onto an existing conveyor
- Heavy duty IP-66 - connector plug
- All in One programmable control panel
- Integrated programmable control panel saves up to 40 programs
- All wire connections are plugged / No hard wiring
- Integrated E-STOP
- PLC Controller Allen Bradley
- 7 " Touch screen
- End of label supply warning light
- Quick release backing paper take-up
- Sanitary design
- IP - 65 Protection

### d. Labelling head

- Labelling head, PLC controlled display with digital input for ease of operation
- Photoelectric label scanning with automatic adjustment to label length
- Rewind device for spent backing paper

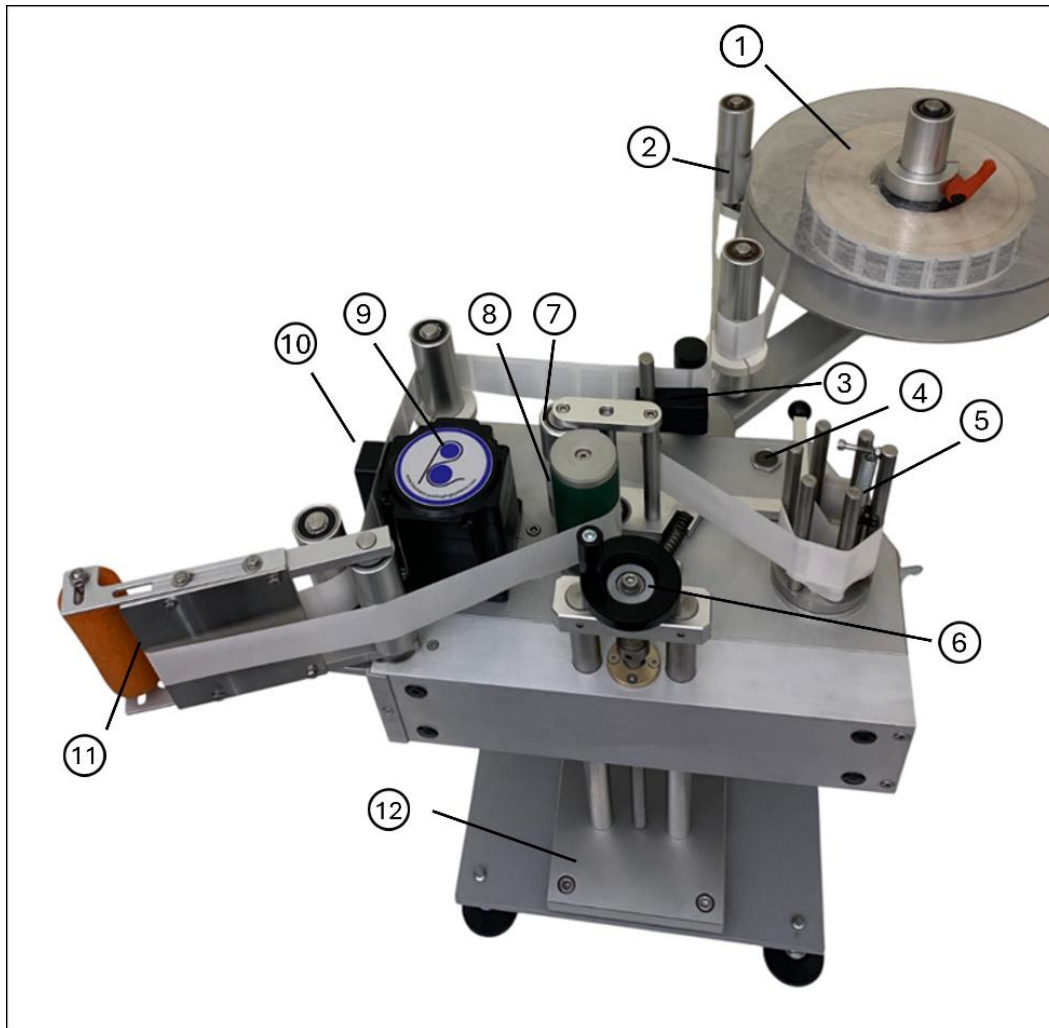
### e. HMI touch screen

- Password protected maintenance screen
- Label counter
- Missing label detection



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### 9. STRUCTURE AND FUNCTION



- |                         |                   |
|-------------------------|-------------------|
| 1. Label Unwinder       | 7. Tension Roller |
| 2. Dancer Arm Roller    | 8. Drive Roller   |
| 3. Label Tension Break  | 9. Servo Motor    |
| 4. Rewind Full Sensor   | 10. Label Sensor  |
| 5. Backing Paper Rewind | 11. Peeling Plate |
| 6. Height adjustment    | 12. Base Mount    |





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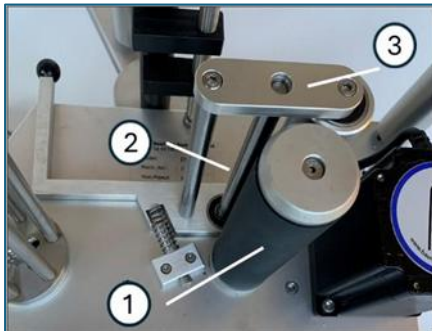


The unwinder receives the label tape.  
The flanged disks are secured with quick release buckles.

The flanged disks have two functions:

- They prevent the label reel from slipping sideways.
- They fix the label reel so that the dancer swing arm can release or engage to the brake band

### Unwinder



The drive roller station is responsible for the transport of the backing strip after the labels have been detached.

The backing strip is wound on to the backing paper rewind.

- Drive Roller
- Anti-tamper device
- Tightening reel assembly

### Label Transport

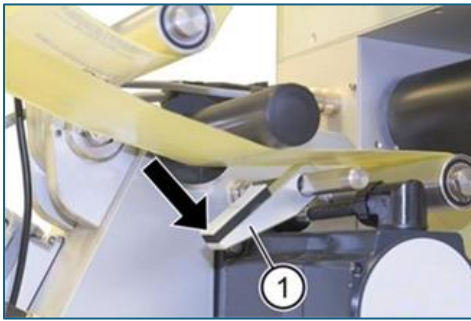


The label dispensing station is responsible for the precise application of the labels. After the labels have been detached from the backing strip, the backing strip is wound onto the backing paper rewind.

### Label Dispensing



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Release the label tension brake (1)  
Push the label tension break down in  
arrow direction.

Important:

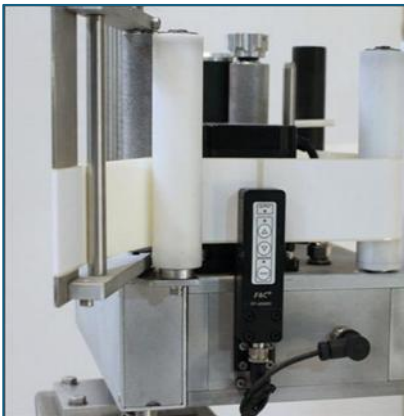
- Please check label tension brake **ON** for operation.

### Label tension break



Guide the end of the backing strip  
through the coiler.

### Rewind



FC-4100 capacitive label Sensor suitable  
for paper and transparent labels.  
Quick teach button.

### Label Scanner



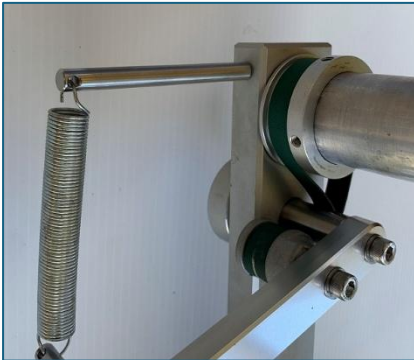
## OWNER'S MANUAL - LABELLING HEAD CWL – 100 C



### Slipping Clutch for

- tension control of film or tape drives Transmission overload protection.
- Precise and stable limit torque calibration.

### Slipping Clutch

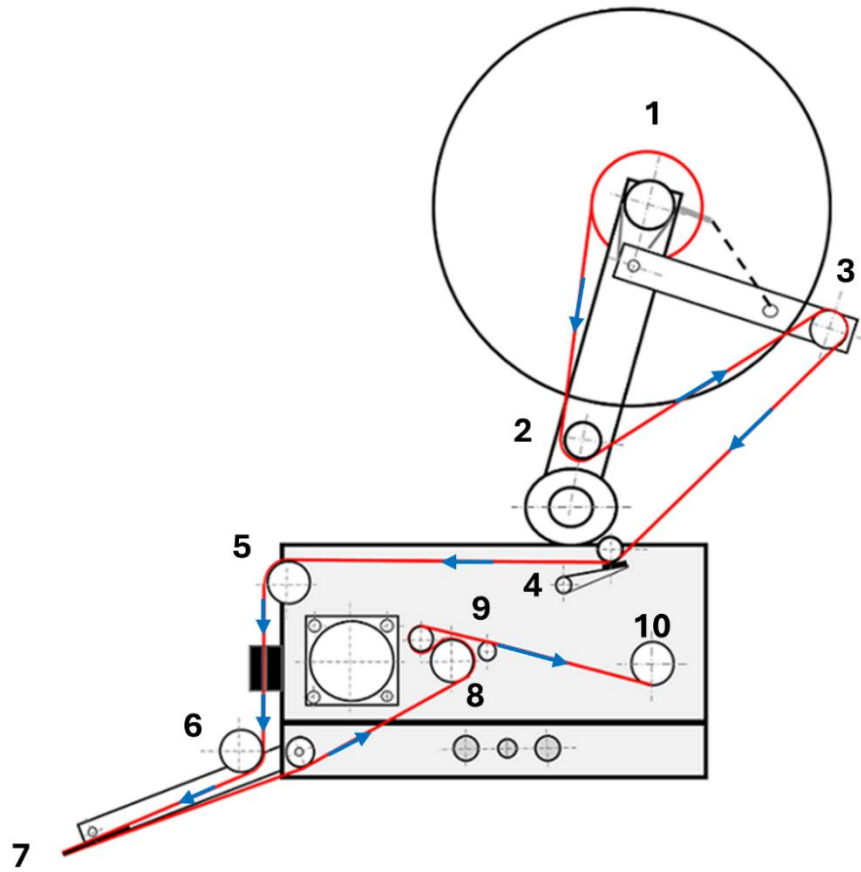


- Unwind roller break
- Tension spring for tensioning arm

### Unwind roller break



10. LABELLING HEAD THREADING

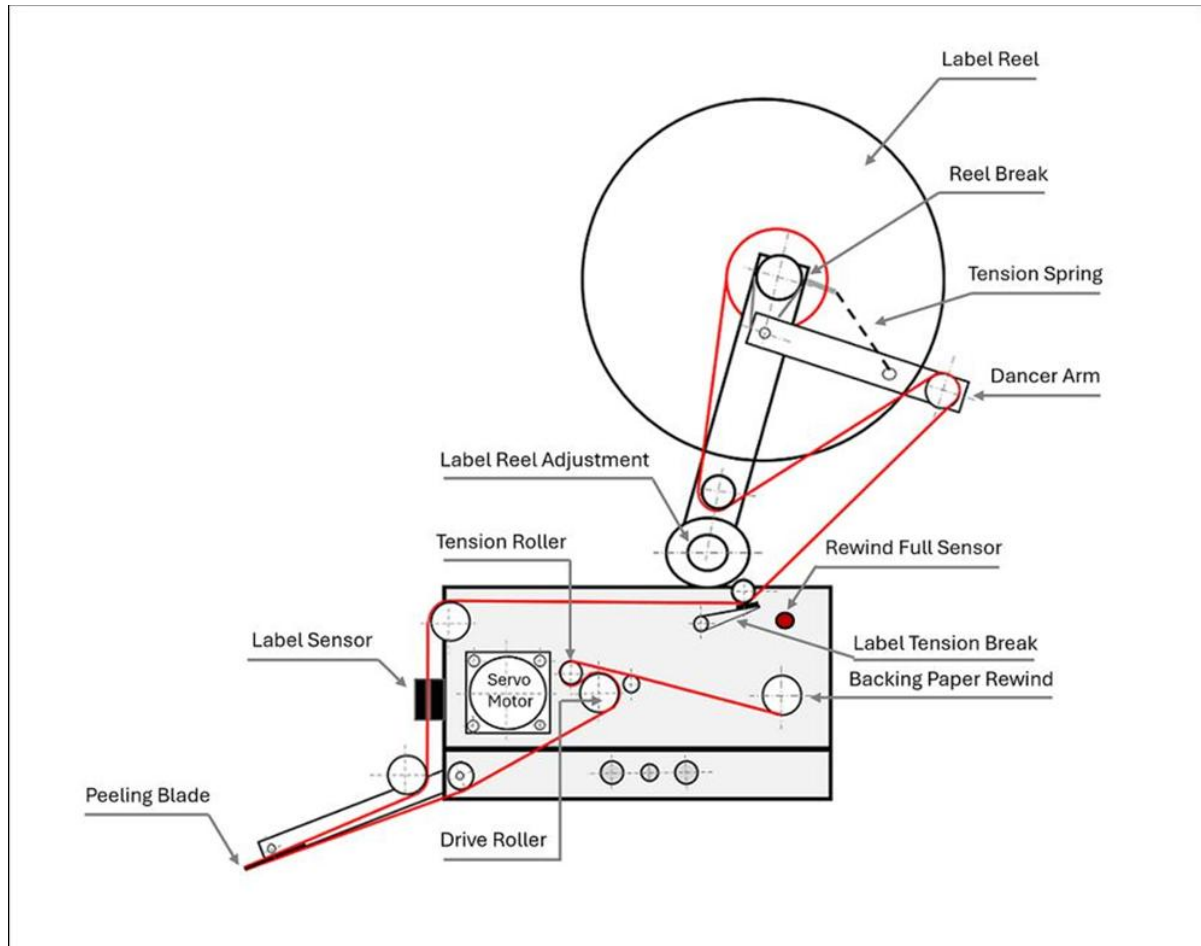


Label loading direction



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### 11. OPERATING INSTRUCTION LABEL LOADING



#### 1. Pre-Run Check List:

- ✓ Verify tension roller is locked down.
- ✓ Verify label brake arms are down.
- ✓ Verify sure label reel is tightened against label roll.
- ✓ Verify sure dancer operation stops label roll from unwinding.
- ✓ Verify threading, particularly in peel bar area and label sensor area.



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### Power Up



- Turn On the main switch on the controller
- Switch On the Start Button below

### Start Up


WELCOME



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When machine is powered on the following screen is displayed. Press “WELCOME” and the user will be brought to the “**MAIN**” Screen.

### Main

MAIN		ALARM		MOTOR STATUS		5:06:20 PM		9/1/2025	
CURRENT LABEL SELECTION									
LABEL NAME: <input type="text"/>						34		<b>STOP</b>	
								<b>AUTOMATIC</b>	
LABEL LENGTH: 50								<b>JOG</b>	
SPEED: m / min. 30								<b>HOMING</b>	
LABEL COUNTER: 166						<b>RESET</b> <b>ON</b> <b>OFF</b>		<b>CONVEYOR ON</b>	
REMAINING: 3034						<b>RESET</b>		<b>CONVEYOR OFF</b>	
LOW LABEL WARNING:						<b>RESET</b>			
 <b>CWL - 100</b>									
<b>JOB</b>		<b>SET - UP</b>		<b>ALARM</b>		<b>MACHINE MANAGEMENT</b>			

This is the “**MAIN**” screen. Operators will spend most of their time on this page.

**HEADER BAR** - The header bar tells the operator which page they are on, “**ALARM**” will flash red if there is an alarm or warning present”, “**MOTOR STATUS**” will be green if the motor is running and the date and time are displayed. This header is the same across all pages.

“**STATUS**” – Tells the operator which mode they are in.

“**LABEL**” – Tells the operator the name of the currently selected recipe.

“**MANUAL**” – Pressing this button will cycle the operator through the manual, semi-auto and automatic modes. When in manual mode the operator can manually move the motor by pressing the “**JOG**” button.

When in semi-auto mode the operator can dispense a single label from the touch screen using the “**DISPENSE 1**” button.



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When in auto mode the operator can home the motor using the **“HOME”** button and start and stop the operation of the **CWL-100** using the **“START”** and **“STOP”** buttons.

Moving the axis in manual mode will cause the system to lose the home position and homing again will be required.

**“SPEED”** – The current speed of the motor.

**“LABEL LENGTH”** – The detected label length will be displayed after the homing is completed.

**“LABEL COUNTER”** – How many labels have been dispensed since the **“RESET”** button was last pressed.

**“LABELS REMAINING”** – Recipe label count minus labels dispensed to give the operator indication of how many labels remain on the reel.

**“LOW LABEL WARNING”** – From the **“MACHINE SETTINGS”** page low label warnings can be set. Here the **“RESET”** button will reset the current warning and the **“WARNING OFF”/“WARNING ON”** button will toggle the low label warning on and off.

**“LOW LABEL WARNING”** – From the **“MACHINE SETTINGS”** page low label warnings can be set.

Here the **“RESET”** button will reset the current warning and the **“WARNING OFF”/**

**“WARNING ON”** button will toggle the low label warning on and off.

**FOOTER BAR** – Here the main navigation of the page is displayed.

This area is always used for navigation on the pages but varies between pages.

**“RECIPE”** will navigate to the recipe update page,

**“ALARM”** will navigate to the alarm page and **“MENU”** will navigate to the main menu of the system.







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### MENU

From this page various other pages can be reached across the system. These pages are protected by different logins which can be accessed by using “Login” button.

MENU	ALARM	MOTOR STATUS	2:51:01 PM	9/2/2025
RECIPE UPDATE	Operator			
MACHINE SETTINGS	Technician			
MACHINE DIAGNOSTICS	Technician			
MACHINE STATISTICS	Technician			
MAINTENANCE SERVICE	Operator			
		Current User:		
			Login	
			Logout	
		Goto Config		
CWL - 100				MAIN



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### RECIPE UPDATE

The **“RECIPE UPDATE”** page is used to view, change, save, and download recipes.

The recipe (top) section is used for selecting the recipes, loading the recipe data to the bottom section and downloading the currently selected recipe to the **PLC**.

To View a recipe, use the up and down keys to move to the desired recipe, press the enter button followed by the **“VIEW”** button and this will display the recipe information in the ingredient (bottom) section. The “Ingredient” column will show the available adjustable recipe settings.

The **“Recipe”** column displays the selected recipe values that can be edited.

The **“Current”** Column shows the current downloaded recipe being used by the system. To edit the recipe values, simple navigate the ingredient you want to edit by using the ingredient up and down keys.

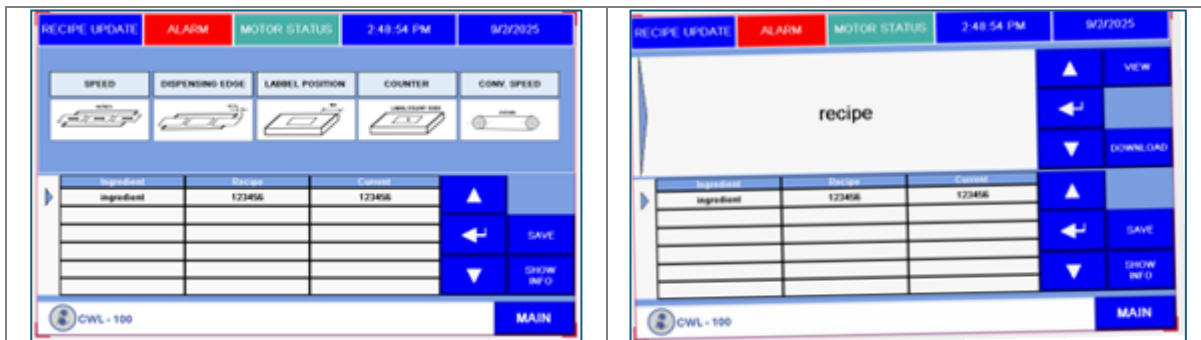
Press the ingredient enter button and make the adjustment to the selected ingredient.

Once the change has been made, press the **“SAVE”** button to save the change.

Press **“DOWNLOAD”** to set the selected recipe as the running recipe that will be used by the controller.

The **“SHOW INFO”** button brings up a popup that describes each of the ingredients.

### RECIPE





This page displays the alarm history.

**“Ack ALL”** acknowledges all the active alarms. **“CLEAR ALL”** Clears all the alarms.

The curser can be moved by using the up and down keys to the right of the page.

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### MACHINE SETTINGS

MACHINE SETTINGS	ALARM	MOTOR STATUS	2:51:19 PM	9/2/2025
Product Sensor Detect Edge	RISING EDGE SELECTED	Label Length Offset		
Dispensing Edge Delay (ms)		Label Gap Offset		
Edge Compensation (mm)		Missed Labels To Stop		
Acceleration (m/min <sup>2</sup> )		Low Label Warnings		
Deceleration (m/min <sup>2</sup> )		External Label Trigger		EXTERNAL NOT SELECTED
Homing Speed (m/min)		External Stop		EXTERNAL NOT SELECTED
Homed Speed (m/min)				
Manual Speed (m/min)				
			FACTORY DEFAULTS	
CWL - 100				MAIN

From this page various machine settings can be changed. To change each of the settings press the blue button or toggle button. These settings are global across all movements of the machine.

**“Product Sensor Detect Edge”** – Selects whether to detect the rising (front) or falling (back) of the product for label dispensing.

**“Dispensing Edge Delay (MS)”** – This will change the delay of time after each label is dispensed and the system moving to the next label to be dispensed.

**“Edge Compensation (mm)”** – This is the distance between the centre of the label sensor to the edge of the dispensing blade.

**“Acceleration (m/min<sup>2</sup>)”** – Global acceleration of the motor.

**“Deceleration” (m/min<sup>2</sup>)** – Global deceleration of the motor.

**“Homing Speed (m/min)”** – Speed at which the motor moves during the homing process.

Caution, high speeds may cause inaccurate measurement of the label and gap.

**“Homed Speed (m/min)”** – Speed the motor moves to the dispensing edge when the home routine is completed.

**“Manual Speed (m/min)”** – Speed of the motor when the machine is moved manually.

**“Label Length Offset”** – Offset for the length of the label.

**“Gap Length Offset”** – Offset of the gap of the label.



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**“Missed Labels to Stop”** – If there is a label missing or the label reel runs out and the system attempts to dispense a label, how many labels will it try before stopping.

**“Low Label Warnings”** – Two available setpoints to trigger low label warnings.

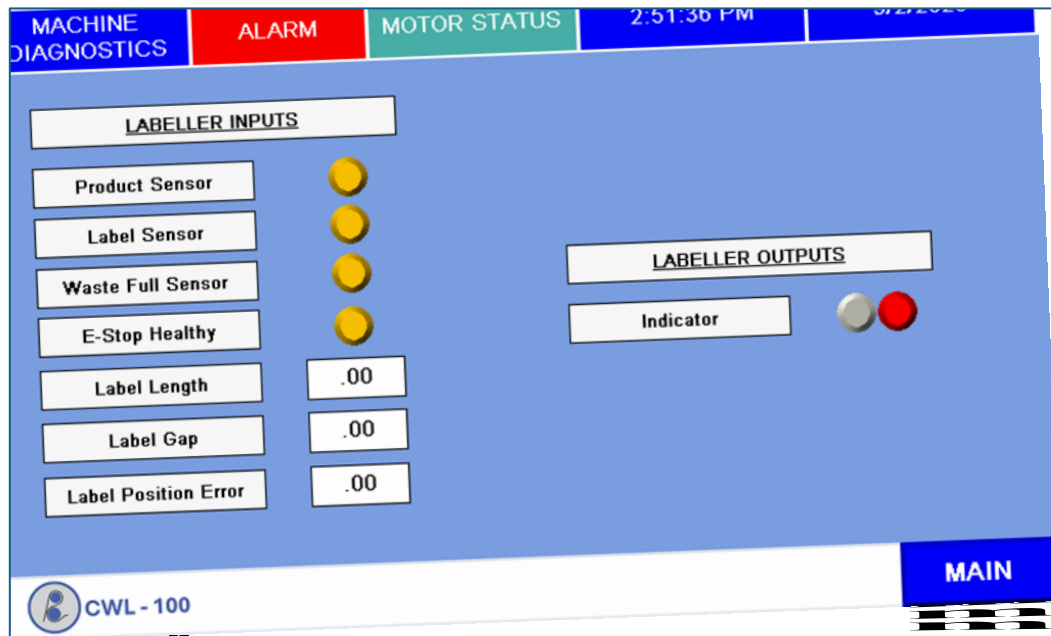
**“External Label Trigger”** – Can be set to internal (provided sensor) or external (relay input to the PLC).

**“External Stop”** – Activates an external stop via a relay to the PLC.

**“FACTORY DEFAULTS”** – Resets all parameters to factory default settings.

### MACHINE DIAGNOSTICS

This page shows the various **I/O** of the system as well as information regarding values of the label detected in the homing routine. It also shows the positional error of the label after each label is dispensed.





# OWNER'S MANUAL - LABELLING HEAD CWL – 100 C

## MACHINE STATISTICS

This page shows the total lifetime labels dispensed and the total run time of the system.

MACHINE STATISTICS	ALARM	MOTOR STATUS	2:52:06 PM	9/2/2025
Current total label dispensed				
pcs	0			
Current run time				
hrs	0	mins	0	
CWL - 100				MAIN

## MAINTENANCE

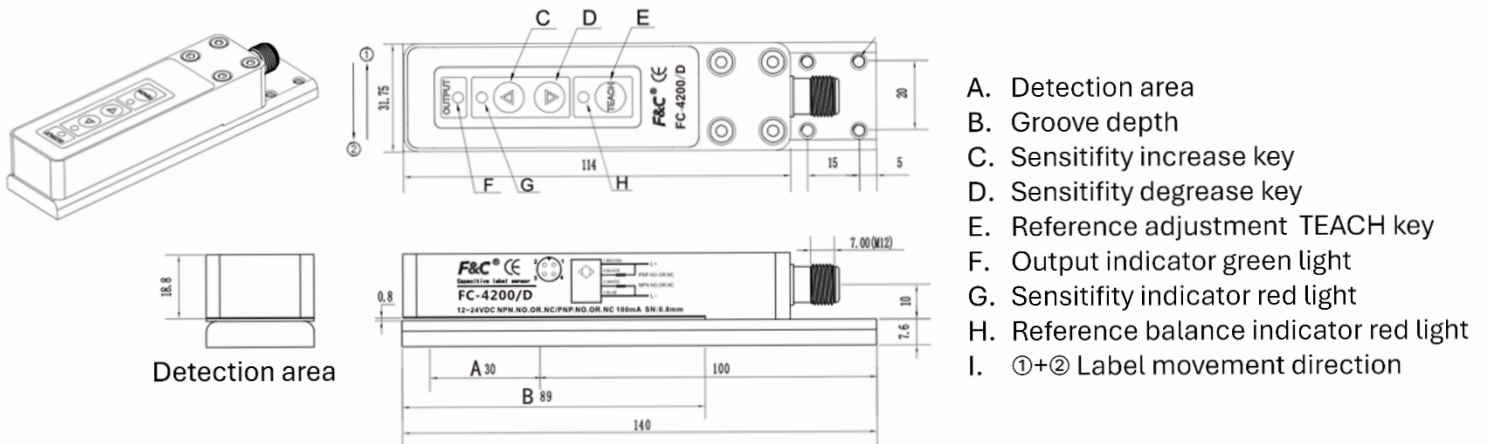
MAINTENANCE	ALARM	MOTOR STATUS	2:52:32 PM	9/2/2025
CONTACT:				
Tel: 02 720 521 70	Email: kurt@baumann-industries.com			
Spare Parts:				
Tel: 0423 544 686	Email: sales@baumann-industries.com			
www.baumann-packagingsystems.com				
CWL - 100				MAIN

Shows contact information for spare parts and maintenance.



## OWNER'S MANUAL - LABELLING HEAD CWL – 100 C

### LABEL SCANNER SET-UP IINSTRUCTIONS





#### Intelligent setting of the balance reference value

1. Put the label into the detection slot, press and hold the **TEACH** button for **5** seconds, until the reference indicator light flashes twice and then release the button, then the reference indicator light is always on (if it is not on, repeat step **1** operation until the reference indicator light is always on), the setting is completed.
2. Sensitivity intelligent setting: first insert the label into the detection slot, press the sensitivity increase button and decrease button at the same time for **5** seconds), until the sensitivity indicator and output indicator blink at the same time, then release the button and enter the setting state for **10** seconds. At this point, drag the label back and forth (it is best to keep the label gap parallel to the detection slot, and drag it smoothly and slowly to pass through at least **5 label gaps**). Until the sensitivity indicator is always on, the setting is completed. Note: When entering the setting state, you must ensure that the label is in the detection slot, and the detection slot cannot be pulled out.
3. Sensitivity fine-tuning: (if it is set through steps **1** and **2**, this step can be omitted if it meets the work requirements) Increase sensitivity: long press the sensitivity increase button for **2** seconds, until the sensitivity indicator flashes twice, then release the button Decrease sensitivity: press and hold the sensitivity decrease button for **2** seconds, until the sensitivity indicator flashes twice, then release the button  
If you press and hold for **2** seconds, the sensitivity indicator will not flash, indicating that the sensitivity is the highest or the lowest





## OWNER'S MANUAL - LABELLING HEAD CWL – 100 C

### MAINTENANCE

#### **Maintenance Log**

A maintenance log is a journal of all maintenance performed. Each entry includes a date, maintenance performed (details about the type of work done), and technician (who performed the maintenance). The maintenance log is also a place where a schedule is kept for further maintenance.

### SERVICE

#### **Service Log**

A service log is a journal of all service work performed. Each entry includes a date, service provided (details about the type of service), and technician (who performed the service).

A service log will clearly show training provided, frequent wear items, and so on.

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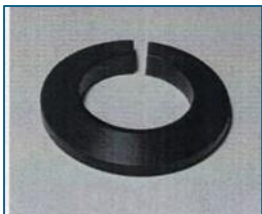




## OWNER'S MANUAL - LABELLING HEAD CWL – 100 C

PM – WEEKLY CHECK			
	Labelling head)	X	Comment
1	Check condition and clean machine		
2	Check electrical connection and label sensor		
3	Check rewinding unit		
4	Check paper brake		
5	Check and clean all rollers		
6	Make measuring run		
7	Make manual test of labelling head		
8	Check condition of dispensing edge		
9	Run the machine in manual at 4 cycles		
10	Confirm test run completed		



## OWNER'S MANUAL - LABELLING HEAD CWL – 100 C

SPARE PARTS	
	Paper brake complete
853	
	Flanged disc complete Ø 300 mm
391	
	Label brake band
865	
	Guide ring Ø 32 mm
197	
	Brake shaft
860	
	Knurled deflection roller Ø 32 mm
314	



## OWNER'S MANUAL - LABELLING HEAD CWL – 100 C

	Deflection roller
315	
	Label driver roll
618	
	FC-4100 Series Capacitive Label Sensor
137	
	Backing paper unwind clutch
813	
	Ball bearing for roller
870	



## OWNER'S MANUAL - LABELLING HEAD CWL – 100 C

	Timing belt drive motor
866	
	Timing belt unwind clutch
269	
	Tension spring
867	
	Servo motor main drive labeller 6.6 NM / 5.8A
129	
	Take - up Unit assembly 100 RH
133	



## OWNER'S MANUAL - LABELLING HEAD CWL – 100 C

	Label Unwind Roller Shaft
235	
	Power Supply PS 1000 Output 24 V / DC 10 / A Input AC / 100 – 240 V. 1- phase
238	
	Power Supply PS 2000 Output 48 V / DC 10 / A Input AC / 110 – 150 V. 1- phase
239	

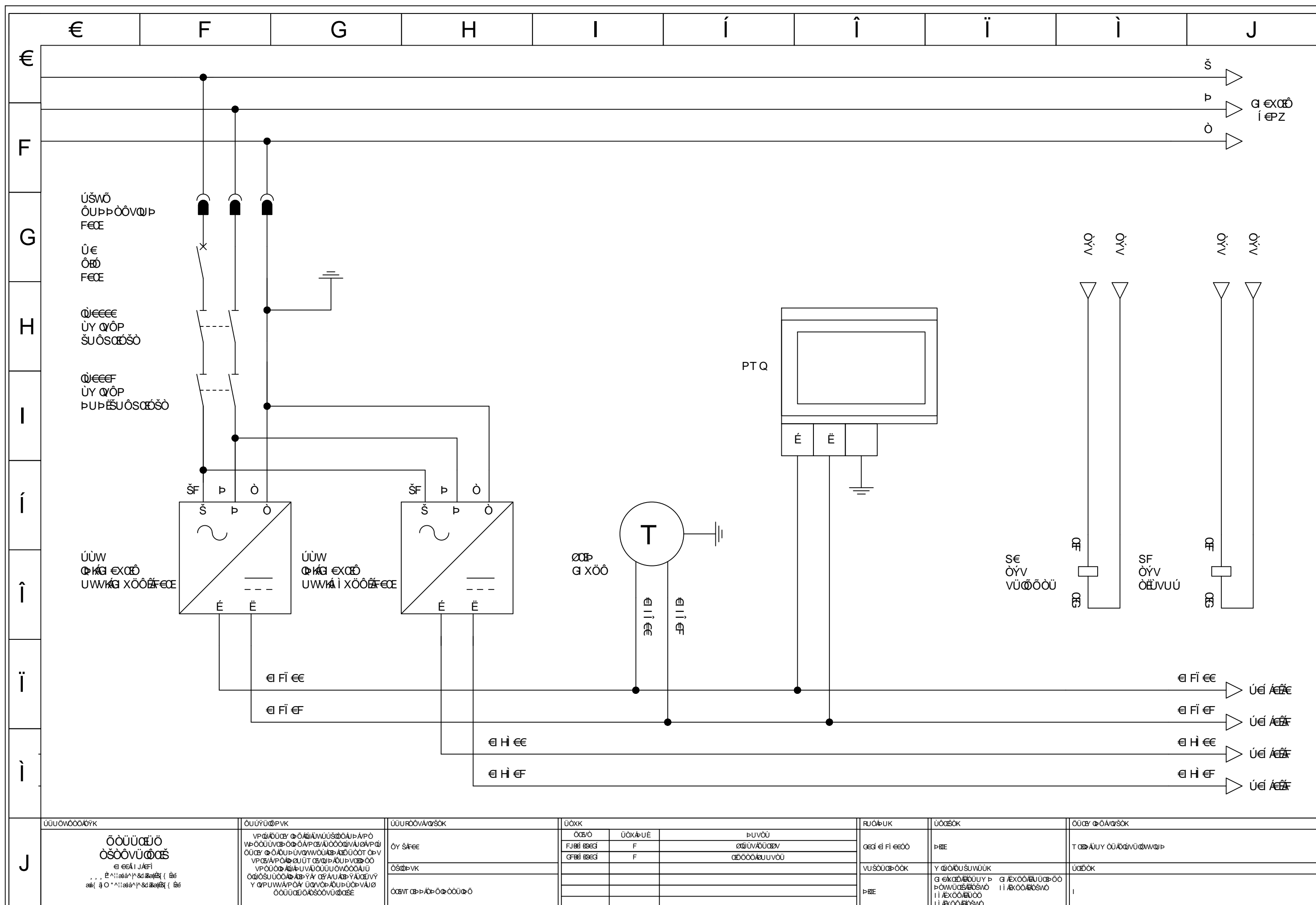
Spare part order request: [sales@baumann-industries.com](mailto:sales@baumann-industries.com)



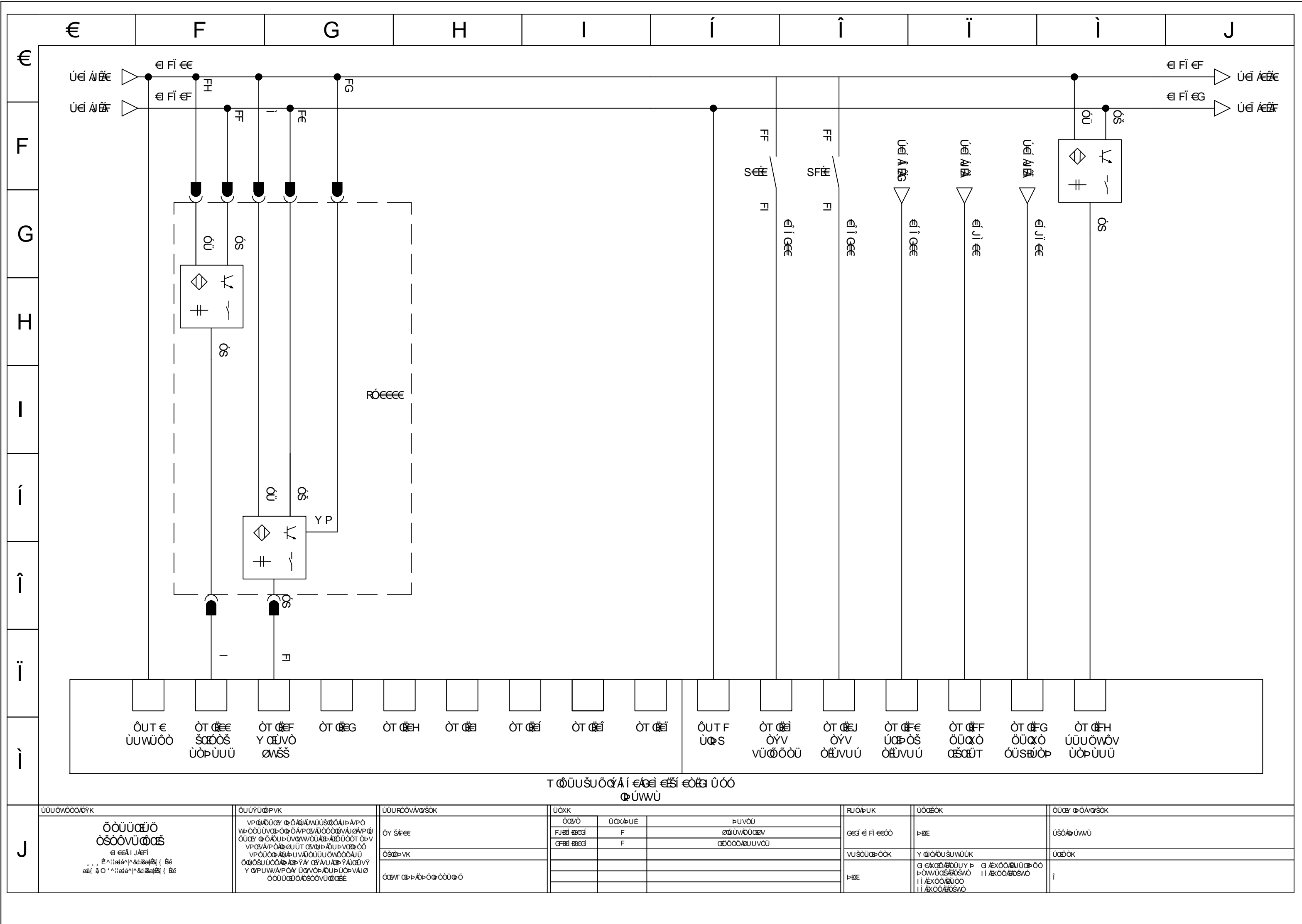
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