FSW360 Pallet Wrapping Machine

OPERATION MANUAL

<table>
<thead>
<tr>
<th>Machine</th>
<th>Semi-Automatic Pallet Wrapping Machine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>FSW360</td>
</tr>
<tr>
<td>Date</td>
<td>May 2019</td>
</tr>
<tr>
<td>Issue</td>
<td>FPA001</td>
</tr>
</tbody>
</table>
1. GENERAL INFORMATION

Congratulations on the purchase of your FROMM Semi-Automatic Pallet Wrapping Machine. We trust you will have many years of packaging efficiency.

Before proceeding with the operation or installation of your new machine please read this manual thoroughly and gain a full understanding of the requirements, features and operation of your new machine.

1.1 Note of Installation

To make sure a safe and correct operation, please check below conditions before install the machine:

1. Power source capacity must be equal of the machine need.
2. Machine standard power is 240V (+- 10%).
3. Machine standard power Hertz is 50Hz. (+- 2%).
4. Machine is workable under the temperature between 5℃ - 30℃.
5. Make sure the wire is tidy on the ground.
6. There should not be any vibration beside the machine, make sure the ground is flat.

1.2 Notice of Operation

To have good protection for the operator, please make sure the following conditions:
1. Before operating, please read the machine operational manual carefully.
2. Make sure there is no object put on the power cable.
3. Make sure there is no object put on the upper elevator unit.
4. Avoid any damp object or water around the electric parts.
5. Avoid film winded underneath the turntable.
6. Do not stand on or across the machine during operation.
7. When problem occurs, please read section 5, Suggested Maintenance and Trouble Shooting.
2. SPECIFICATION

2.1 Specification table

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>FSW-360</td>
</tr>
<tr>
<td>Turntable Speed</td>
<td>6 – 12 RPM</td>
</tr>
<tr>
<td>Turntable Diameter</td>
<td>1650mm</td>
</tr>
<tr>
<td>Max. Wrapping Height</td>
<td>2100mm</td>
</tr>
<tr>
<td>Pallet Size</td>
<td>1050x1050mm</td>
</tr>
<tr>
<td>Max. Loading Weight</td>
<td>2000kg</td>
</tr>
<tr>
<td>Film Stretch (%)</td>
<td>200%</td>
</tr>
<tr>
<td>Film Tension</td>
<td>Adjustable</td>
</tr>
<tr>
<td>Carriage Unit Speed</td>
<td>2 – 4m/min</td>
</tr>
<tr>
<td>Max. Film Spec.</td>
<td>Ø250x500mm</td>
</tr>
<tr>
<td>Turntable Height</td>
<td>75mm</td>
</tr>
<tr>
<td>Machine Size</td>
<td>2280x1645x2060mm</td>
</tr>
</tbody>
</table>

Options:
- 2.5m wrapping height
- Weight indicator with ABS case
- Stainless steel column for weight indicator
- Printer for labels
2.2 Machine Dimensions

<table>
<thead>
<tr>
<th>DISC</th>
<th>Ø1500</th>
<th>Ø1650</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2265</td>
<td>2265</td>
</tr>
<tr>
<td>B</td>
<td>2280</td>
<td>2280</td>
</tr>
<tr>
<td>C</td>
<td>73</td>
<td>75</td>
</tr>
<tr>
<td>D</td>
<td>1565</td>
<td>1645</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>H Max Film</th>
<th>2100</th>
<th>2500</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>2060</td>
<td>2460</td>
</tr>
<tr>
<td>F (carriage roll core brake)</td>
<td>2270</td>
<td>2670</td>
</tr>
<tr>
<td>F (carriage one roll brake)</td>
<td>2350</td>
<td>2750</td>
</tr>
<tr>
<td>F (carriage one motor)</td>
<td>2460</td>
<td>2860</td>
</tr>
</tbody>
</table>
2.3 Machine Description

1. Column
2. Operating Panel
3. Film holder carriage
4. Turntable
3. OPERATION

3.1 Operation of the Control Panel

FSW360 Control panel

A= Bottom-Top wrapping;
B= Double-Single-Manual wrapping;
C= Manual movement carriage down-up;
D= Turntable speed;
E= Carriage speed;
F= Tensioning (available only with Carriage pre-stretch);
G= Buzzer/Warning light / Sound;
H= Reactivation;
I= Stop;
L= Start;
M= Emergency button.

ERRORS

E1: Fault inverter
E2: Film brake
E3: Safety contact
E4: No pallet detect
E5: Safety horseshoe
E6: Turntable time out
E7: Belt tension

Emergency button, to push it ONLY in case of emergency, NOT use like STOP!

INDICATIONS

CYCLE ACTIVE, START ASCENT

An acoustic signal device has been installed in the electrical panel. This signal acoustic actives when switch on the machine (it makes a long acoustic signal and at the same time the buzzer lights up) and before cycle start (few seconds as a warning each time the automatic program is run). The operator will therefore be able to exit the danger zone before the machine starts operation.
The machine will start operating only after the end of acoustic signal of the start.

MACHINE ALARMS / RESET

If the emergency stop or any other safety device is triggered, the wrapping machine’s automatic program will stop; this can be ascertained also listening and looking the flashing buzzer on the control panel. Wrapping can resume only after having removed the cause of the error and pressed the Reactivation button on the electrical cabinet. By doing this, the “fault” is reset and power is restored, obviously assuming that the emergency button has been released or that the cause of the “fault” that triggered the Error has been solved.
Control Panel

<table>
<thead>
<tr>
<th>Key</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Image of Key]</td>
<td><strong>Start.</strong>&lt;br&gt;Start of wrapping cycle.&lt;br&gt;Pressing this button, the machine first will do 3 beeps simultaneously with 3 flashes on the buzzer and then starts its wrapping cycle.</td>
</tr>
<tr>
<td><strong>Manual mode:</strong>&lt;br&gt;- Pressing start for less than 3 seconds (one time): the turntable rotates continuously until press stop.&lt;br&gt;(The speed will be the same selected in the speed selector).&lt;br&gt;- <strong>Holding down start:</strong>&lt;br&gt;The turntable rotates until you release the button. (The speed will be really low, not settable).&lt;br&gt;<strong>Automatic mode:</strong>&lt;br&gt;Pressing start, the carriage reaches the bottom limit switch of the column and stops, the turntable starts rotating and performs the amount of rpms set in the bottom wrapping and later continue its cycle until the end.</td>
<td></td>
</tr>
</tbody>
</table>
| ![Image of Key] | **Stop.**<br>Stop of wrapping machine.<br>**Manual mode:**<br>- Pressing stop for less than 3 seconds (one time): the turntable will stop in zero position.<br>(The turntable will start its stop phase only after the turntable has passed to the zero position).<br>- Pressing two times the stop:<br>the turntable will stop immediately.<br>- **HOLDING DOWN STOP:**<br>The turntable will go in the ZERO POSITION.<br>The machine first will do a continue beep simultaneously with a continue flash on the buzzer.<br>(This condition will only happen when the machine will be completely stopped).<br>**Automatic mode:**<br>- Pressing stop for less than 3 seconds (one time): the turntable will stop in zero position and the carriage will stop after its deceleration phase.<br>(The turntable will start its stop phase only after the turntable has passed to the zero position).<br>- Pressing two times the stop:<br>the turntable and carriage will stop immediately.<br>- **HOLDING DOWN STOP:**<br>The machine will go in the ZERO POSITION (turntable and carriage). The machine first will do an continue beep simultaneously with an continue flash on the buzzer.<br>(This condition will only happen when the machine will be completely stopped).
**Reactivation button.**
Reactivation power in the wrapping machine.

Pressing reactivation button one time, the machine will do an continue beep simultaneously with an continue flash on the buzzer.

When an error involving a Stop occurs, once it has been removed the cause that has generated the error, it is necessary press the Reactivation button to restore the power in the panel.

**Warning light / Buzzer.**
This Warning Light / Buzzer signals the beginning of the execution of an automatic cycle, the start of the turntable in manual mode, the start of the procedure for resetting the positions and any errors.

**Bottom wraps.**
Potentiometer with display for adjustment of number bottom wraps. (Adjustment 0 to 5, step 1).

**Top wraps.**
Potentiometer with display for adjustment of number top wraps. (Adjustment 0 to 5, step 1).

**Automatic / Manual Selector**

- Automatic wrapping up/down;
- Automatic wrapping only up with carriage auto return at the end of the cycle;
- Manual wrapping.
<table>
<thead>
<tr>
<th><strong>Moving the carriage in Manual Operation Mode.</strong></th>
<th><img src="https://via.placeholder.com/150" alt="Image" /></th>
</tr>
</thead>
<tbody>
<tr>
<td>First of all: choose manual wrapping selector.</td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
</tr>
<tr>
<td>With return to the centre, in Manual mode, keeping the selector in the left position the carriage movement downwards is activated, while keeping the selector in position on the right, the upward movement is activated: leaving the selector, this returns to the centre, stopping any movement of the carriage.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Speed turntable.</strong></th>
<th><img src="https://via.placeholder.com/150" alt="Image" /></th>
</tr>
</thead>
<tbody>
<tr>
<td>Potentiometer for adjusting speed turntable. (Adjustment from 6 to 12 rpm).</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Speed carriage.</strong></th>
<th><img src="https://via.placeholder.com/150" alt="Image" /></th>
</tr>
</thead>
<tbody>
<tr>
<td>Potentiometer for adjusting speed carriage. (Adjustment from 2 to 4 meters/minute).</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Stretch film carriage (available only with carriage pre-stretch).</strong></th>
<th><img src="https://via.placeholder.com/150" alt="Image" /></th>
</tr>
</thead>
<tbody>
<tr>
<td>Potentiometer for adjusting tension film carriage.</td>
<td></td>
</tr>
</tbody>
</table>
3.2 Illustration for Film Threading

IMPORTANT: CLEANING THE RUBBER ROLLERS
The stretchable film releases deposits of silicone on the rubber rollers (depending on the film used).
It is very important that the rubber rollers are cleaned periodically with alcohol, in this way the normal adhesiveness between the roll and the film will be restored.

Fig.1  Fig.2

3.3 Starting and Stopping of the Turntable Wrapping Cycle

Automatic run mode with settable cycles
Activate this run mode, after the machine has been turned on and the safety conditions have been complied with, by pressing the START pushbutton provided that the corresponding work cycle has been set via the pushbutton panel.

ATT. An acoustic signal device has been installed in the electrical panel.
This signal acoustic actives when switch on the machine (it make an long acoustic signal and at the same time the buzzer lights up).
The machine will only start to operate after this period has been elapsed.

N.B. The automatic wrapping cycle is only started, if the start conditions are fulfilled. A failure indication is displayed if not all start conditions are fulfilled.
The start conditions for the automatic wrapping cycle are:
- One of the WRAPPING PROGRAMS or ;
- Photocell "pallet height" should be activated;
- Emergency stop not activated;
- No failure detected;

Stop with table deceleration
This stop is commanded as follows:
- by pressing the stop push button.

NOTE: with this type of stop the machine can restart from the operating point in which it had stopped by pressing the start button.
4. ELECTRICAL

4.1 Electrical Capacity

Power Consumption

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply</td>
<td>240V 50/60 Hz</td>
</tr>
<tr>
<td>Control Voltage</td>
<td>24 VDC</td>
</tr>
<tr>
<td>Turntable Motor</td>
<td>0.55 kW</td>
</tr>
<tr>
<td>Mast Motor</td>
<td>0.18 kW</td>
</tr>
<tr>
<td>Film Carriage Motor</td>
<td>0.37 kW</td>
</tr>
<tr>
<td>Installed Power</td>
<td>1.1 kW</td>
</tr>
</tbody>
</table>
5. SAFETY

5.1 Safety Instructions

- The following conditions must always be met unless otherwise indicated in other instructions in this manual.
- This wrapping machine has been supplied by FROMM Packaging Australia and can be used only to wrap pallets that meet the requirements indicated in the description of the machine in the SPECIFICATION chapter.
- Any other uses of the machine, other than those described, can constitute a damage risk for the machine and/or danger to the safety of the operator and anyone else near the machine.
- Carefully read this manual before using the machine and understand the residual risks that cannot be excluded during development of this machine.
- The machine can be used only by suitably trained personnel.
- The electrical interventions on the machine must be carried out only by suitably trained electricians.
- During installation of the machine, as a precaution, always check that the controls and the safety systems are mounted correctly and operate efficiently. If any malfunctions are detected, immediately stop the production cycle and request the intervention of an authorised technical assistance service.
- Check the nameplates. If they are extremely damaged, replace them with the utmost urgency and directly and only contact the authorised technical assistance service or the Manufacturer.
- The manufacturer will commission the machine only when connection to the electrical network meets the standards applicable in the country of delivery.
- The supplier will provide training for the assigned personnel, otherwise training must be duly performed by the installation company.
- The machines are designed and manufactured in compliance with the safety laws in force, therefore, if the machine is used correctly, no fire risks are foreseen.
- To prevent any fire risk, the equipment within the machine’s user company is sufficient to deal with any problems caused by the material used for the process.
- In the event of fire, we recommend you use extinguishers containing CO\(^2\) to avoid damaging the equipment and the electrical system.
- In the event of flooding, it is essential to disconnect the electrical power supply before entering the room where the machine is installed.
- In the event of flooding, contact the MANUFACTURER’S customers technical assistance service.
- We recommend you avoid wearing unsuitable clothing (with buttons, flaps) or accessories (bracelets, watches, rings, etc.) during use of the machine.
Machine Uses Not Allowed

The following conditions must always be met unless otherwise indicated in other instructions in this manual.

- The machine is not equipped with components that have special disposal problems.
- Do not stand near the turntable when the machine is in operation. (Use the emergency stop button to immediately stop the machine.)
- Do not touch the pallet when the machine is in operation. (Use the emergency stop button to immediately stop the machine.)
- Do not put your hand or fingers between the column and the carriage when the machine is in operation. (Use the emergency stop button to immediately stop the machine.)
- Do not put your hand or fingers in the column. (Use the emergency stop button to immediately stop the machine.)
- Do not put your hand or fingers near the wheels that move the carriage. (Use the emergency stop button to immediately stop the machine.)
- Do not put your hand or fingers in the electrical panel. (Use the emergency stop button to immediately stop the machine.)
- Do not cross the space between the column and the turntable. (Use the emergency stop button to immediately stop the machine.)
- Do not put your fingers in the space between the turntable and the disk. (Use the emergency stop button to immediately stop the machine.)
- People must not climb on the turntable, unless otherwise indicated.
- People must not be above the turntable.
- Do not put tools or components on the machine.
- The safety devices must not be bypassed or turned off.

5.2 Warnings

- The machine's average noise level is less than 80 dB. Depending on the film applied, during the pallet wrapping phase a maximum noise level of 80 dB may be recorded. We recommend using noise protection safety devices.
- We would like to remind you that the film (roll) can contain an electrostatic charge.
- Pay close attention to the electrical installation. Only suitably trained personnel can perform these interventions only after having taken all necessary safety measures described in the SAFETY INSTRUCTIONS chapter.
- It is necessary to consider all European safety requirements and standards should the machine require adjusting; the safety measures and protective covers should also be adjusted.
- Touching the electrical system constitutes a danger to personnel safety.
- The people who modify or adjust the machine (functions, operation, principles) are entirely responsible for these modifications or adjustments.
- Take all necessary safety measures when intervening on the machine, especially during maintenance operations and resolution of faults.
• Ensure that the main switch is off (0) and padlocked (if possible) or that the power cable is disconnected to prevent other personnel from using the machine during the interventions. Furthermore, all safety measures and standards in force must be taken and complied with during these activities.
• Handling or approaching the machine can create dangerous situations if the machine is in operation. These actions are forbidden!
• Comply with all recommendations and laws relating to working conditions and safety in the workplace.
• There is an acoustic signal device installed in the control cabinet that activates briefly, as a warning, before the machine is operated.

**Analysis of Residual Risks**

The residual risks, divided by the centre of danger, are as follows:

Reel, film press and film feed installation: the residual risk is associated with film installation and replacement. Carefully follow the instructions in the user and maintenance manual.

Cutting devices: the residual risk is associated with maintenance. Carefully follow the instructions in the user manual.

Turntable: the residual risk is associated with contact with lower limbs, impact with the product and crushing between the product and the carriage.

Slipping, tripping and falling: Pay attention to the product loading operations. Carefully follow the operating procedures in the user and maintenance manual.

Maintenance operations: the maintenance operations must be performed only by FROMM ASSISTANCE SERVICE specialists.

Keep device pressed (optional): the residual risk is associated with the risk of being crushed between the turntable and the product and between the carriage and the bottom part of the machine. Carefully follow the operating procedures in the user.

Dangerous voltages and currents inside the electrical cabinets and boxes. Maintenance is forbidden to technicians not working for FROMM.

The residual risk is associated with product wrapping. Consider the possible solutions, depending on the product packaged, as indicated in UNI EN ISO 415- 6: 2010.
Preventive and Total Safety Measures

1. Appropriate installation of the machine;
2. Lighting suitable for work;
3. Protection / isolation of all moving parts against accidental contacts;
4. Creation of protective shields to prevent material from being thrown out of the machine;
5. Absorption and/or localised suction systems for dusts or various emissions;
6. Adequate and activated mechanical and electrical protection in the machine;
7. Start-up devices to be activated only deliberately;
8. Emergency button that is easily accessible, recognisable, operable, etc.;
9. Correct and efficient power supply connection, isolation of cables and of live parts;
10. Use of suitable safety and protective signs with indications of danger and any DPI in use;
11. Evident prohibition of cleaning and maintenance operations when the machine is in motion;
12. Evident prohibition of removal of protective and safety devices;
13. Information, instruction and training of personnel;
14. Use of appropriate work instructions, practices and procedures;

Instructions for Safe Use:

Use the DPI foreseen in the work area before starting work (ear plugs, gloves, safety glasses, shoes).
1. Check that the space around the machine is not obstructed;
2. Check escape methods and that the escape routes are free;
3. Clean and tidy up your work area;
4. Use work equipment correctly;
5. In the event of danger, immediately notify the supervisor;
6. Check that the protective devices are enabled.

CAUTION!
After first installation:
follow this procedure before working with the machine:
- Check that the emergency button is released;
- Switch on the machine;

After machine installation or maintenance, follow this procedure to check the efficiency of the safety devices such as, for example:

- Interconnection of the operator’s anti-crushing protective guard
- Interconnection of the anti-crushing horseshoe entrance safety sensor
- Emergency button

Check the efficiency of the carriage’s anti-crushing protective guard:
- Start the machine
- Trigger the operator’s protective guard
Check that the machine stops within a few fractions of a second.
Check the efficiency of the anti-crushing horseshoe entrance safety sensor:
- Start the machine
- Place a mechanical block at the horseshoe entrance (between the blue guards)

Check that the machine stops within a few fractions of a second.

Check the functionality of the safety device of the base (Only for 1.650mm Turntables):
- Start the machine
- Press yellow carter

Check that the machine stops within a few fractions of a second.

Check efficiency of the mushroom button (Emergency stop):
- Start the machine
- Press the mushroom emergency button

Check that the machine stops within a few fractions of a second.

### 5.3 Meaning of Pictograms

#### Danger Signs

<table>
<thead>
<tr>
<th>Figure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Figure 1" /></td>
<td>Figure 1: DANGEROUS***: High voltage.</td>
</tr>
<tr>
<td><img src="image2.png" alt="Figure 2" /></td>
<td>Figure 2: General warning sign.</td>
</tr>
<tr>
<td><img src="image3.png" alt="Figure 3" /></td>
<td>Figure 3: Hands crushing risk.</td>
</tr>
<tr>
<td><img src="image4.png" alt="Figure 4" /></td>
<td>Figure 4: Hands and feet crushing risks.</td>
</tr>
<tr>
<td><img src="image5.png" alt="Figure 5" /></td>
<td>Figure 5: Falling hazard.</td>
</tr>
</tbody>
</table>

#### CE-Mark

<table>
<thead>
<tr>
<th>Figure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image6.png" alt="Figure 6" /></td>
<td>Figure 6: The machine complies with the applicable requirements, as stated in the EC machinery directives.</td>
</tr>
</tbody>
</table>
5.4 Safety Devices

All safety devices have been installed for operator safety and must not be manipulated or excluded from the operations.

Refer to the drawings below and to the notes applied.

Observe the control panel

| A = Acoustic signal | Main switch: The power (1x230V) is supplied by turning on the main switch. The voltage for the various control parts (24Vdc) is also supplied by turning on the machine. |
| B = Emergency stop button | D = Anti-crushing device |
| C = Main switch | E = Parachute system |
| R = Reactivation button |
Observe the construction of the machine

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>This mobile anti-crushing device works with mechanical sensors. Each time a foreign body touches the underside of the carriage, carriage and turntable stop immediately.</td>
</tr>
<tr>
<td>E</td>
<td>This mechanical safety device, parachute system, functions whenever the belt is not tensioned, in other words it stops the carriage from falling.</td>
</tr>
<tr>
<td>D</td>
<td>This safety device works with the aid of a photocell and a reflector. When turntable is rotating, each time a foreign body gets between the photocell and the reflector, a signal is sent to the turntable to immediately stop.</td>
</tr>
</tbody>
</table>

**D = Anti-crushing device**

**E = Parachute system**
6. SUGGESTED MAINTENANCE & TROUBLESHOOTING

6.1 Suggested Maintenance

FROMM Packaging Australia recommends servicing every six months as a minimum, but many machines have different service intervals depending on condition and throughput. It’s best to discuss your servicing requirements with FROMM Packaging.

6.2 Warranty Periods

To provide you with peace of mind all FROMM stretch wrapping, strapping and carton taping equipment includes a two year warranty from the date of delivery to your site. The warranty includes all deficiencies clearly resulting from poor manufacturing or faulty materials. Damage claims as a result of production shutdowns and claims for damage to persons and to property resulting from warranty deficiencies covering structural components and non-wearing parts effective from the date of delivery to your site.

The warranty excludes:

• Wearing parts (rollers, motors and belts),
• Deficiencies resulting from improper installing, incorrect handling and maintain the equipment,
• Disregard of directions in the operation manual,
• Unauthorized repair work to the equipment,
• Use of consumable products not recommended by the supplier of the equipment.

We reserve the right to modify the product any time in order to improve the quality.

6.3 FROMM Service Solutions

FROMM service technicians are trained to service all stretch wrapping, strapping and carton taping machines which we sell and are your on-site expert support to optimise the performance and reliability of your packaging equipment.

With technical offices in Sydney, Brisbane and Melbourne metro areas we are on hand to ensure your equipment is running smoothly. Customers located outside metropolitan areas we offer phone support and can organise onsite technical support when required.
### 6.4 Possible Troubleshooting Causes and Remedies

#### Alarms

<table>
<thead>
<tr>
<th>Alarm</th>
<th>Description</th>
<th>Sound Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1</td>
<td>Fault inverter</td>
<td>1 x long continuums beep / warning light continue</td>
</tr>
<tr>
<td>E2</td>
<td>Film brake</td>
<td>2 x beep / warning light (repeated sequence)</td>
</tr>
<tr>
<td>E3</td>
<td>Safety contact</td>
<td>3 x beep / warning light (repeated sequence)</td>
</tr>
<tr>
<td>E4</td>
<td>No pallet detect</td>
<td>4 x beep / warning light (repeated sequence)</td>
</tr>
<tr>
<td>E5</td>
<td>Safety horseshoe</td>
<td>5 x beep / warning light (repeated sequence)</td>
</tr>
<tr>
<td>E6</td>
<td>Turntable time out</td>
<td>6 x beep / warning light (repeated sequence)</td>
</tr>
<tr>
<td>E7</td>
<td>Belt tension</td>
<td>7 x beep / warning light (repeated sequence)</td>
</tr>
</tbody>
</table>

**Reactivation button**

Reactivation power in the wrapping machine. Pressing reactivation button one time, the machine will do an continue beep simultaneously with an continue flash on the buzzer. When an error involving a Stop occurs, once it has been removed the cause that has generated the error, it is necessary press the Reactivation button to restore the power in the panel.

Film brake (Fig.1) / No pallet detect (Fig.2) / SAFETY DEVICE horseshoe (Fig.3) / Belt tension (Fig.4)

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**Fig. 1 E2**

**Fig. 2 E4**

**Fig. 3 E5**

An obstacle between the photocell and the reflector

**Fig. 4 E7**

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The safety device of the base (Only for 1.650mm Turntables) has been pressed (Fig.1). The Emergency button (Fig.2) and safety protections has been pressed (Fig.3).

**Fig.1 E3**

**Fig. 2 E3**

**Fig.3 E3** / Carriage: Anti-crushing device

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Safety device and the protections on the Carriages are activated (Fig. 1 / 2 / 3)

**Fig. 1 E3**

Carriage with roll core brake. The bracket is pressed

**Fig.2 E3**

Carriage with one roll brake. The door is open

**Fig.3 E3**

Carriage with one motor pre-stretch. The doors are open
7. CONTACT FROMM PACKAGING AUSTRALIA

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