coiler-lite

Operating Manual (EN)

52-OM216-1

English

Easypack®

Pregis

Contents

The machine can be stopped at any time by pressing the red (0) switch. This cuts all supply to the control panel and motors.

⚠️
- It is important that this machine is installed, maintained and used correctly to avoid the risk of injury.
- This machine contains dangerous voltages and rotating mechanical parts.
- Use the machine only for the purposes described in the Operating Manual.
- This machine is to be used only by trained personnel.
- The machine is to be serviced or repaired only by Pregis.

Always switch off the machine from the mains supply before freeing paper jams, lifting the top cover or cleaning.

- Never damage or remove factory installed safety stickers. If a safety sticker is lost, damaged, or becomes illegible, report this condition to a supervisor and obtain a replacement sticker from Pregis.

- When moving the Coiler ensure that the power lead and the flying lead connecting the Coiler to the Packmaster™ pro are disconnected.

- Keep the work area clean and uncluttered. Walkways and access/egress routes should always be free of packing material and debris to prevent a slipping or tripping hazard.

- Ensure that all covers, guards and other safety devices are in place. **NEVER** disable a safety device for any reason.

- Never leave the equipment unattended while operating. Turn the machine off if you must leave the work area.

- Keep body parts and clothing away from moving components.

- **DO NOT** operate equipment if you are under the influence of alcohol, drugs or medications that can make you less alert or affect your judgment.

⚡
- The machine uses a 120/230V(±10%), 50/60Hz, single-phase AC supply.
- To protect against electrical shock, do not immerse the plug or mains cable in water or spray with liquids.
- Unplug from the electrical supply when not in use.
- Do not operate this machine with a damaged mains cable or plug.
- To disconnect from electrical supply, grip the plug - do not pull on the mains cable.

THIS MACHINE MUST BE EARTHED

The wires in the mains cable are coloured as such:

GREEN/YELLOW   EARTH
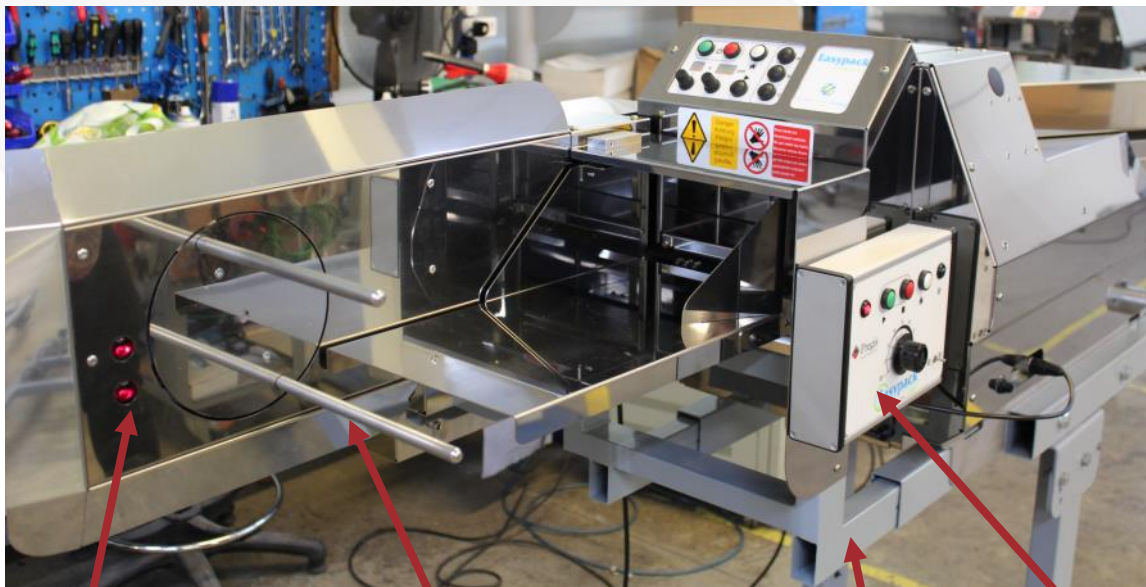BLUE   NEUTRAL
BROWN   LIVE

The Pregis Coiler-lite produces large quantities of paper coil cushions when used in conjunction with the Pregis Packmaster™ pro. Paper coil cushions provide light, strong packaging options which mould to the shape of the items to be protected and are manufactured using 100% recycled materials.

Paper coils can be made using 52/90gsm and 70gsm white or brown paper. The coils can be produced at sizes ranging from 30cm to 70cm diameter. All of our paper is 100% recycled, 100% recyclable and 100% biodegradable.

These coils can be produced quickly either for immediate use or to store for later use. The Coiler is simple to use providing a hands-free repeat option which allows production to continue. Advanced safety features ensure safe operation at all times.

The Machine is of rugged design and construction and is quickly wiped over for cleaning purposes.

The Machine is designed to meet EC safety standards and requires connection only to a suitable electrical supply.

Sensors

Tine (part of the winding head)

Holding arms

Coiler-lite Control Console

Specification

Machine Weight (Coiler-lite only)	30 kg
Machine dimensions (mm) With/ without Packmaster™ pro	(L) 1910 / 1510 (W) 840 / 520 (H) 885—1285 / 510
Coil diameter	From 300mm – 700mm (approx.)
Coil depth	200mm Nominal
Average output speed	26 m/min (Automatically matched to Packmaster™ Pro)
Ideal usage	On demand
Supply	120V/230V AC, 50/60 Hz
Max power input	350W

Compatible with all Packmaster™ Pro paper grades. Single ply or twin-ply grades from 70gsm to 52/90gsm. White and brown paper options

Maintenance

- **Always unplug the Machine before clearing a jam or cleaning the Machine.**
- Activity around the machine should not put the mains supply cable and foot switch line in danger of sustaining damage or being a trip hazard.
- If in doubt, unplug the Machine and contact your local Pregis office.
- Do not allow water or other liquids to drip on or into the Machine.
- If the Machine fails to operate, check the Troubleshooting Guide.
- Clean the Coiler using a lint free cloth.
- Clean the paper contact surfaces with a silicone based furnish polish
- Ensure the two sensors (just to the left of the winding head) are free of dust (TAKE CARE - THESE ARE FRAGILE)
- If the Machine still fails to operate after checking against the Guide, contact **Pregis**.
- There are no user serviceable parts inside the Machine.
- Refer to the 'Troubleshooting' Guide for operational issues.

Setting up the Packmaster™ Pro for the Coiler-lite

The Coiler-lite, Packmaster™ Pro and the frame arrive detached from each other and will require assembly. **NOTE: This should be done only by Pregis engineers.**

1. Using a hoist, lift and align the Packmaster™ Pro to its frame.

2. Remove the existing bolts on either side and replace with M12 x 110mm bolts.

3. Align additional holding bars to the newly added bolts.

4. Secure with nuts and tighten.

5. The machine should look like this.

Attaching the Coiler-lite to the Packmaster™ Pro
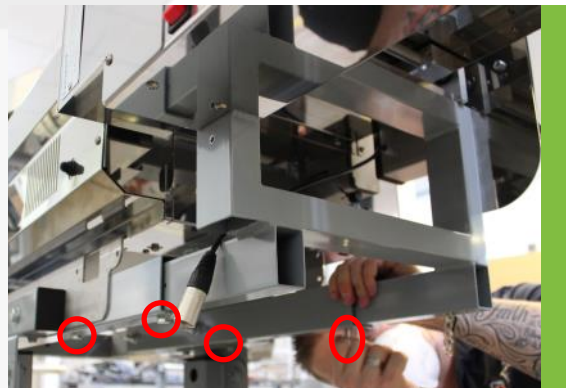
NOTE: This should be done only by Pregis.

1. Two people to lift the Coiler-lite and align with the front of the Packmaster™ Pro.

2. Align and connect the holding arms from the Coiler-lite into the newly added holding arms of the Packmaster™ Pro.

3. With one person navigating the Coiler-lite for alignment, loosely screw in the bolts to hold into place.
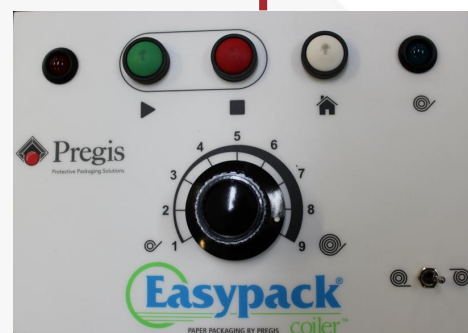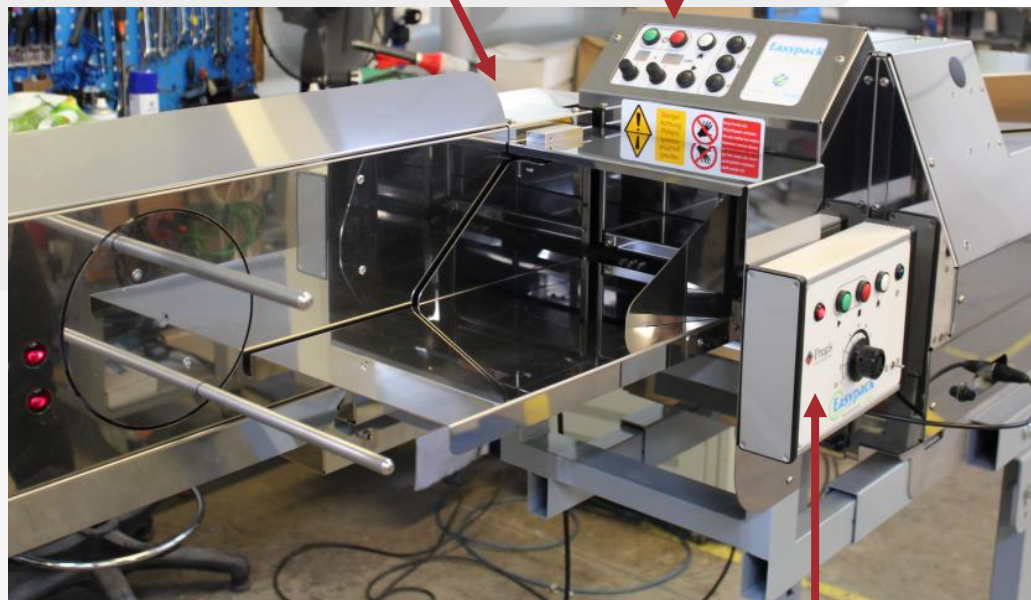

4. Once all four bolts are in, tighten and secure.

Location of controls

Power switch on reverse
side of Coiler-lite

Packmaster Pro
Control Console

Coiler-lite Control Console

Mains Power Switch   Switch illuminates when switched on.

Control box   Refer to the next page for an explanation of the Control Console
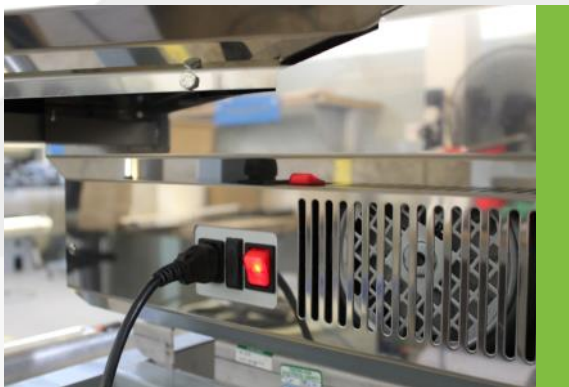   functions.

Control console functions

Power Indicator   'Start' Button   'Stop' Button   'Home' Button   Coil Indicator

Coil size control   Tail switch position

Power Indicator	Illuminates when the Coiler-lite is switched on
Start Button	Press the green 'Start' button to start the Coiler-lite.
Stop Button	Press the red 'Stop' button to prematurely stop the Coiler-lite mid-cycle.
Home Button	Resets the Coiler-lite, if an error has occurred.
Coil Indicator	Illuminates whilst making a coil and flashes when the coil is completed and requires removal.
Coil Size Control	Selects the required coil size. The coil size will vary with different grades of paper.
Tail Position Switch	This selects the position of the 'tail' of the coil.
	Switch to left (normal position) - coil is completed with the tail in the bottom position which keeps the tail in position until the coil is removed.
	Switch to the right - coil is completed with the tail in the top position allowing

1. Plug in the 5WAY XLR plug as shown.

2. Plug in mains and switch ON the Packmaster™ Pro and check switch is illuminated.

3. Plug in mains and switch ON the Coiler-lite and check switch is illuminated.

4. Ensure the sensor lights, control console light and dots on the Packmaster Pro console are displayed.

Load the Packmaster™ Pro with paper in accordance to the Packmaster™ Pro manual.

1. Press the green 'Start' button on the Packmaster™ Pro.

2. Press the blue 'Feed' button on the Packmaster™ Pro.

3. Press the green 'Start' button on the Coiler-lite.

4. A 'loading' pack will be generated automatically; remove this from the Coiler-lite.

5. Select the required coil size using the Coil Size Selection Knob.

   NOTE: The coil size will vary with different grades of paper.

1. Select the tail position using Tail Position Switch.

2. Switch to left (normal position): Coil is completed with the tail in the bottom position which keeps the tail in position until the coil is removed.

3. Switch to the right: Coil is completed with the tail in the top position allowing access for manual taping of the coil end.
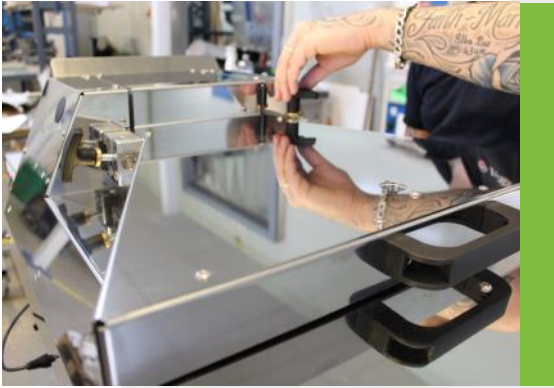

4. When the coil is complete and wound to the selected tail position, the Coil Indicator will start to flash denoting operator action is required to remove the coil.

   Once the coil is removed, the Coil Indicator will extinguish, and the Coiler-lite is ready for the next coil to be produced.

Coil production can be stopped at any point during the winding process by pressing the Red 'Stop' button. This will immediately stop the pack being produced by the Packmaster™ pro and will result in a smaller incomplete coil.

This may place the Coiler-lite into a temporary 'fault' mode and the Coil Indicator will start to flash denoting operator action is required to remove the coil. To exit the 'fault' mode remove the coil and press the White 'Home' Button once. The Coil Indicator extinguishes and the machine is ready to run again.

1. If there is a paper jam, turn machine OFF, and unscrew the 'T' handles.

2. Lift the top gear to reveal the jammed paper.

3. Carefully remove the jammed paper

4. Once paper jam has been cleared, lower and secure the top gear and operate as normal.

Troubleshooting

Fault	Check
Machine will not produce a coil even though the Blue Indicator Light is not flashing	• Machine needs to be reset • Press the Home button
Power indicator not lit on mains switch of machine	• Machine is connected to the mains supply • Mains supply is switched on • Fuse in machine is okay • Fuse in mains plug is okay
Machine will not switch on (control panel)	• Power indicator is lit

If the above information does not clear the fault, contact **Pregis** for further assistance on **00800 888 888 44**. Please have the serial number of the machine available. This can be found on the back of the machine, on the far left.

EC Declaration of Conformity

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We declare that the following machinery complies with the essential health and safety requirements of the Machinery Directive 2006/42/EC, the Low Voltage Directive (LVD) 2014/35/EC and the Electromagnetic Compatibility Directive 2014/30/EC.

Manufacturer:	Pregis Ltd
Address:	Unit 1, The Io Centre, Whittle Way, Arlington Business Park, Stevenage, Hertfordshire, SG1 2BD, England
Description of Product:	Coiler-lite
Model No. & Serial No. :	52

The following transposed harmonized European Standards have been used:

EN 12100: 2010	Safety of Machinery - Basic concepts, general principles for design.
EN 13857: 2008	Safety of Machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs.
EN 60204-1: 2006	Safety of Machinery - Electrical equipment of machines - General requirements.
EN 61000: 2007 (part 6-1)	Generic standards - Immunity for light-industrial environments.
EN 61000: 2007 (part 6-3)	Generic standards -Emission standard for light-industrial environments.

Jason Cox

Operations Director

Signed on behalf of the manufacturer

13/10/2020

innovative • green • packaging

It is through our passion for innovation that we have, and will continue to provide high quality solutions that enable our customers to package their goods sustainably, safely, efficiently and cost effectively.

Sustainability is at the heart of everything that we do which is why, since 1992, we have provided our customers with 100% recycled packaging solutions that are 100% biodegradable and 100% recyclable.

Our packaging solutions enable our customers to transport their goods safely and sustainably, allowing them to pack more, spend less and meet their own environmental goals.

Pregis

Members of the Woodland Trust.