



MINI PAK'R TOP FILL



NXT

User Manual





User Manual

MINI PAK'R TOP FILL NXT



Original operating instructions

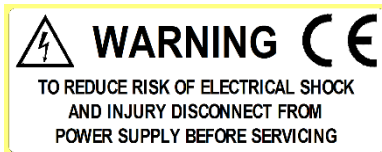
This documentation was originally written in Dutch.

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Version dated: 21-03-2021
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IDENTIFICATION OF THE MACHINE

This user information must be used in conjunction with the documentation supplied with the MINI PAK'R machine. The type/identification plates with the CE marking are attached to the machine and can be seen in the following illustration.



and



THE MANUFACTURER

This installation was manufactured by:

Pregis International B.V.
Industrial Road 4
6422 PD HEERLEN
Netherlands

CONTACT

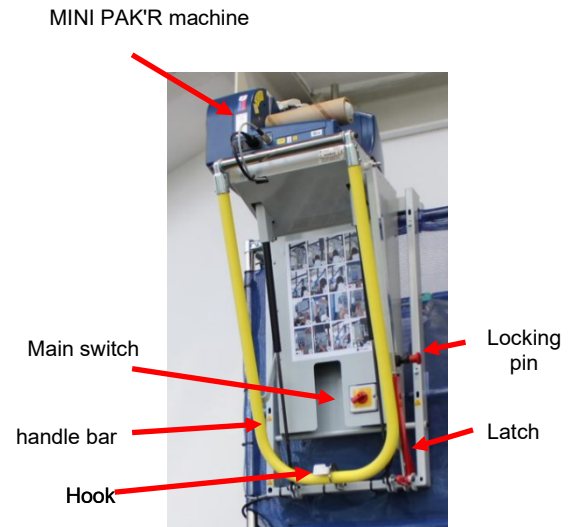
Technical support Europe: 00800 8888 8844 (freephone)
Customer service Europe: 00800 8888 8840 (freephone)

1 PURPOSE AND FUNCTION

The Top Fill Unit is designed to be used specifically with the MINI PAK'R TOP FILL machine. Separate operating instructions are included with the MINI PAK'R. These operating instructions are intended to supplement the MINI PAK'R operating instructions.

The Top Fill Unit places the machine at a certain height. The MINI PAK'R machine produces air cushions directly in the silo.

The platform on which the machine is mounted can be pulled down for a roll change and maintenance of the machine. The gas spring ensures that this takes little effort. A switch ensures that air cushions can only be produced when the machine is in its highest position. As soon as the level (of produced cushions) in the silo drops, a sensor ensures that the new cushions are automatically produced by the MINI PAK'R.

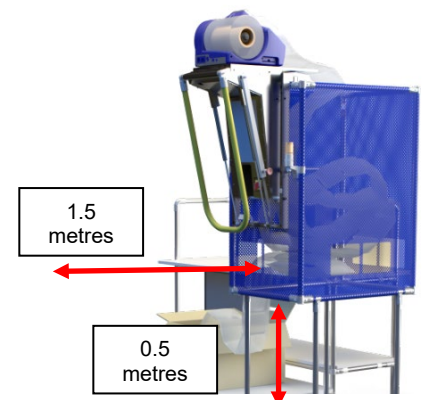


2 PLACING THE TOP FILL



2.1 SAFETY REGULATIONS

- Installation and assembly should always be carried out by trained technicians.
- If the Top Fill Unit is placed on a silo, the silo must be sufficiently robust and have sufficient load-bearing capacity. This must be assessed by Pregis technicians.
- If the Top Fill Unit is not correctly positioned, a dangerous situation can arise: if the unit is lowered, it can come loose and hit the operator, causing serious injury.
- After completing assembly, the strength of the structure should be checked by moving the machine up and down a few times with a full roll.
- Check movements of the entire structure, including silo and table, and make sure there is no play at any of the joints.
- All bolted connections must be tightened during assembly.
- When positioning the unit, make sure that there is enough (clear) space to lower the folding mechanism: horizontally at least 1.5 metres from the silo, vertically at least 0.5 metres below the silo at the front. See figure below.
- When operating the mechanism (up or down), always stand on the right-hand side of the Top Fill.
- During the folding process, nobody must be within the range of the moving part.
- Make sure that the MINI PAK'R machine is always securely fastened with the correct wing bolt, which is firmly attached to the Top Fill with a steel wire (see section 3.2 photo E).
- Cables for power supply and sensor must be properly secured and must comply with local regulations.
- Make sure that the cables at the pivot point cannot be damaged by coming into contact with sharp edges and avoid trapping them. Secure them so that direct contact with moving parts is not possible, with sufficient free length to prevent stretching when the Top Fill Unit is rotating.
- Ensure that cables to the Top Fill cannot come into contact with other moving parts such as conveyors, height-adjustable tables or transported boxes. If this cannot be avoided at all times, cables should be protected from possible damage with an optional cable duct. A special version of such a cable duct is available for guiding the mains cable along the round frame tubes of the silo.
- Check the condition of the gas spring monthly : if it is bent or damaged, or if there is a noticeable reduction in its force, it must be replaced. Contact the Pregis service organisation for this.
- Check the function of the latch weekly. It should always rest against the aluminium part of the locking mechanism. Contact the Pregis service organisation if this is not the case.
- If a Top Fill is not used for a longer period of time, the folding system should be folded down twice at least once every 6 months. This is necessary to keep the gas spring in good condition.

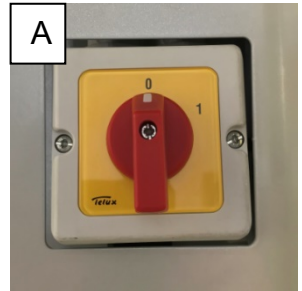


3 INSTRUCTIONS FOR USE

3.1 PURPOSE OF THE MAIN SWITCH

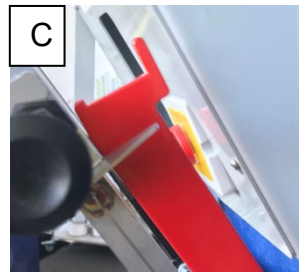
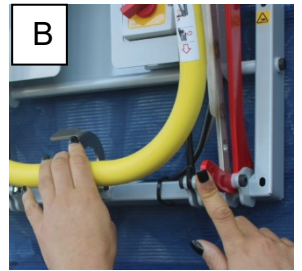
The purpose of the main switch (A) is to disconnect the power supply to the entire installation. This may be necessary in either situation:

- Normal switch-off during a longer break or at the end of the working day.
- Emergency shutdown if an unwanted situation arises. Always ensure that the cause of the fault has been eliminated before switching the installation on again.

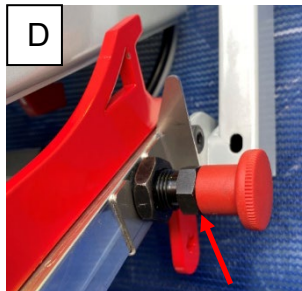


3.2 COMMISSIONING (BY PREGIS TRAINED USER)

- Set the main switch to "0".
- Turn up the hook (B) holding the yellow handle bar
- Push the red latch back (B).
- Pull the Top Fill Unit down evenly by the yellow handle bar
- Release the latch as soon as the aluminium part has been pushed over the strip by approx. 2 centimetres (C).
- Pull the Top Fill gently to the bottom position



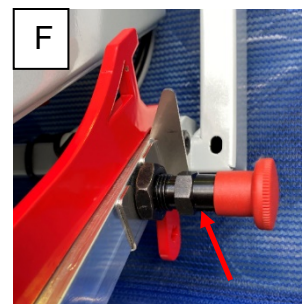
- Lock this position by turning the red safety pin on the right-hand side so that it strikes the strip (D).
- Place the MINI PAK'R on the folding system. Make sure that the feet of the machine fall into the plate; then slide the machine to the left to a maximum of 20 mm.



- **Warning: Always** lock the machine position by screwing the wing bolt (supplied) (which is attached to the Top Fil lis with a steel wire) into the base of the machine, as shown in the illustration (E).
- Push the sensor cable into the machine's socket and lock it by tightening it.
- Insert the power cable connector.
- Place the roll of film on the machine, as indicated in the instructions for the MINI PAK'R, and in the photo.
- Insert the power cable into the mains power supply.



- Pull out the red locking pin (F) and push the machine upwards gradually using the handle. On the MPV3, the locking pin can now be turned a quarter turn. The machine with an empty roll will remain in the lowered position without locking.)
- **(Warning):** If a machine has to be replaced, **always** put the pin in the locking position (see picture D). Otherwise the Top Fill will lift automatically when the machine is removed.
- Secure the yellow handle bar with the hook.



3.3

REPLACING THE ROLL (USER)

(SEE ALSO THE PHOTO INSTRUCTIONS ON THE LAST PAGE, SAME AS ON THE FRONT OF THE TOP FILL UNIT). THE LETTERS (A) ETC, REFER TO THE PHOTOS ON THE PREVIOUS PAGE.

- Check whether the roll is empty.
- Release the hook by lifting it up and grab the handle bar (B).
- **Warning:** Always stand on the right-hand side of the Top Fill.
- **Warning:** No one should be in the vicinity of the moving unit.
- Push the red latch back (B).
- By pulling the handle bar, the machine is lowered.
- Release the latch as soon as the aluminium part has been pushed over the strip by approx. 2 centimetres (C).
- Pull the Top Fill gently to the bottom position
- (If an MPv2 is fitted: move the locking pin to the locked position. (D) . In case the MPv3 is used, the locking pin can remain in the idle position, i.e. with the pin retracted (F).
- Press the stop/reset button to reset the E2 error message.
Remove the empty film roll from the machine and replace with a new roll. Position the roll so that it unwinds from the top. Feed film onto the blow tube / fill tube.
- The machine displays "rdy" (ready) or the machine needs to warm up before the message "rdy" appears. Pull the film and press the green start button until the film is in line with the front of the machine. Tear off any excess film.
- Machine is ready!
- Stand next to the unit
- (If necessary in the case of an MPv2: pull out the red safety pin on the right).
- Then push the handle bar upwards until the machine is in the upper position. Secure the bracket with the hook.
- TIP : If this feels heavy, (for example because of a wide, heavy roll you can do the first part of this movement with the yellow handle bar in a horizontal position. As soon as the Top Fill is horizontal, turn the handle bar downwards, and gently push the Top Fill upwards. See photos 13 and 14 of the photo instruction in the appendix.
- The TOP FILL is now ready for use!
- Because of the built-in switch, the machine will start automatically if the sensor detects that the level in the silo is too low. As soon as the silo is sufficiently filled, the sensor reports this to the machine, which will stop automatically.

4 LEVEL SENSOR

The level sensor works with ultrasonic sound waves. The LED warning lights at the corners of the sensor can be yellow or green. When the lights are green the correct filling level of cushions has been reached and the machine stops production. If the light turns yellow the filling level is too low and the machine will start.

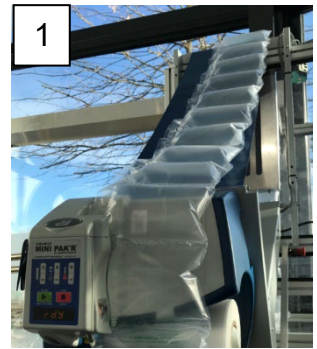


5 OPTION 1: CASSETTE FOR STRING SUPPORT

The system can be fitted with a cassette for string support.

Sometimes it is necessary to leave the machine down when the roll is not empty, for maintenance or to fix a fault. In this case, a string of cushions will be attached to the machine (1). The cassette supports this string of cushions with a piece of fabric that is connected to the rotating part of the Top Fill.

During the upward movement, the string of pillows is fed back into the silo and does not get stuck. When the Top Fill is in its highest position, the piece of fabric is stored in a loop, in the metal cassette that hangs in the silo.

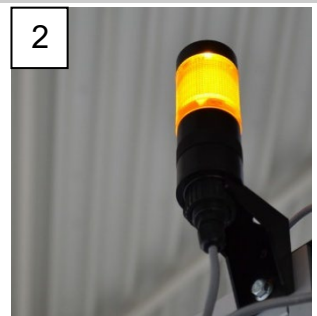


6 OPTION 2: WARNING LAMP

The Top Fill can be equipped with a yellow warning lamp. If the film roll is empty or if there is a fault on the machine, the yellow warning lamp comes on continuously.

The yellow lamp goes out as soon as the machine is reset. The lamp must be mounted in such a way that it is clearly visible to the person who has to carry out the roll change.

Warning: If the yellow warning lamp lights up while there is still film on the roll, the Mini Pak'r machine is malfunctioning. Check the error code on the machine display and read the machine manual for further help.



7 FAULTS

- If the cushions fall over the edge of the silo, the sensor must be adjusted. Contact the Pregis service department.
- If the machine will not start, first check that both the main switch (section 3.2 picture A) and the power switch on the Mini Pak'r machine are on. If so, the switch in the sensor circuit may be defective. Check that it is on when the folding mechanism is in its highest position. A "click" may be heard when the switch is activated. Contact the Pregis service department if this switch does not make contact.
- If the red latch cannot be moved backwards, and the Top Fill is slightly open, it is possible that the gas spring has lost its force. In this case, do not try to unlock the Top Fill, but contact the Pregis service organisation immediately.

8 MAINTENANCE AND CLEANING

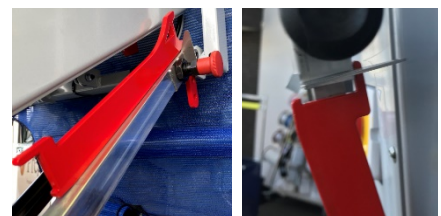


Refer to the separate operating instructions for the operation of the MINI PAK'R.



Regular maintenance and inspection of the machine are of great importance. This ensures fewer malfunctions and promotes safe operation.

- Check the function of the red latch weekly. It should always rest against the aluminium part of the locking system, and fall back without friction when pushed back, and lie on top of the aluminium. If the Top Fill is in the highest position again, the latch should be in the extension of the aluminium part again. If this is not the case, contact the Pregis Service Department.
- Check the condition of the gas springs weekly: if it is bent or damaged, it must be replaced. Contact the Pregis service organisation for this.
- If required, the Top Fill can be cleaned with a damp cloth and soapy water.
- Every three months all the bolted connections of the Top Fill frame must be checked.
- Every three months it should be checked that the gas spring presses the part containing the machine firmly against the frame.
- Every three months all cables should be checked for damage, especially around the pivot point.



9 STORAGE / TRANSPORT

If the installation needs to be repackaged:

- Remove the MINI PAK'R machine from the installation and place it in its original box.
- For the Top Fill Unit, preferably use a europallet.
- Secure the Top Fill to the pallet with straps.
- Make sure that the Top Fill Unit is not (partly) over the pallet.

10 DISMANTLING

Dismantling of the system must be done in accordance with the rules for waste disposal in force at the location in question at the time of dismantling. The system contains only known materials that comply with the RoHS directive.

11 SPECIFICATIONS

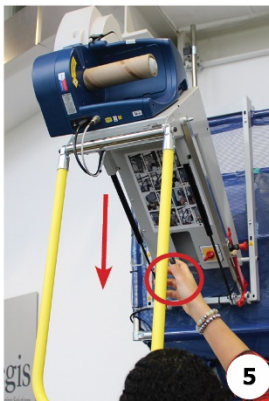
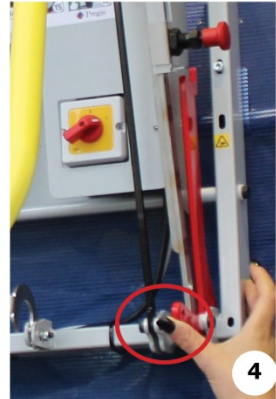
Dimensions (l x w x h):	mm]	400x400x800
Mass, circa:	kg]	22
Maximum noise level:	dB(A)]	< 70, measured at the workplace
Cord length:	[m]	5 (with plug)
Maximum width of film roll	mm]	408
Maximum weight of the film roll	kg]	6.6

12 PHYSICAL WORKING CONDITIONS

Ambient temperature, functioning	:	+ 5 to + 40 °C
During transportation/storage	:	-25 to + 55 °C
Rel. humidity (RH)	:	30% to 95%, non-condensing
Lighting	:	Normal ambient light. The system itself is not illuminated.

The TOP FILL system is not intended for use in the open air and is not suitable for hazardous (Ex) environments.

ROLLER CHANGE TOP FILL NXT



Pregis