

Soku

AIRplus® Inflator **Minute Mattress essentials**



Soku is a brand registered trade name of
OOMPH Industries / OOMPH Productions B.V.
Chamber of commerce the Hague (NL): 86129767

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AIRplus is a registered trade mark of Storopack.

Document version 13-01-2025

General information

Thank you for using the AIRplus® Inflator. For an optimal use, please read and follow the instructions contained within this guide.

The AIRplus® Inflator is a modified version of the AIRplus® MINI-Cushion, a Storopack product which has been custom adapted for Soku specifically for the manufacture of Soku Minute Mattresses. Soku, as the supplier of the Soku Minute Mattress system, acts as a reseller of the AIRplus® Inflator.

It is forbidden to reproduce, copy, translate or multiply, treat or electronically distribute the device and its apparatus as well as the documentation without previous consent of Soku.

The described device must be used exclusively for the manufacture of Soku Minute Mattresses. The user of the device must scrupulously follow all the instructions contained in the present essentials guide and is entirely responsible for the adjustments and the following of all the other safety measures necessary for the use of the device. All modifications or failures to respect these instructions cancel the warranty conditions and the manufacturer's liability.

Soku nor Storopack can be responsible for damages caused by a wrong usage of the machine as well as its corresponding void air cushions.

Although many precautions have been taken to ensure that no errors are contained in this essentials guide, involuntary errors can nevertheless still exist in the text. Soku nor Storopack can be responsible for these errors. Any proposal for modification of this guide can be transmitted to info@soku.global.

Basic information

This essentials guide has been compiled by Soku in accordance with Storopack with all due care to enable safe and fault-free production of Soku Minute Mattresses. Operating staff should first familiarize themselves with the contents of the official manual at www.soku.global/help before starting to work with the AIRplus® Inflator. We would like to stress that all the necessary safety measures, as described in this essentials guide and the official manual, must be carried out by the user and must be maintained in order to ensure personal safety. When the AIRplus® Inflator is running, operating staff must ensure that nobody can be injured by the machine due to any unauthorized interventions or otherwise. Maintenance work must only be performed by properly trained staff or by staff specifically assigned such work.

Technical Specifications

Suitable for	Soku Mattress pre-formed tubular film 500 to 700mm in width
Maximum roll diameter	300mm
Throughput speed	Up to 12 meters per minute
Power supply - Europe Power supply - USA	230V, 50Hz 115V, 60 Hz
Recommended mains fuse	3.15 A F
Power consumption (max.)	84 W
Power consumption (continuous)	65 W
Power consumption (stand-by)	3 W
Sound pressure level	75 dB
Dimensions (LxWxH)	675 x 355 x 370mm
Weight	12,5 kg

Safety instructions

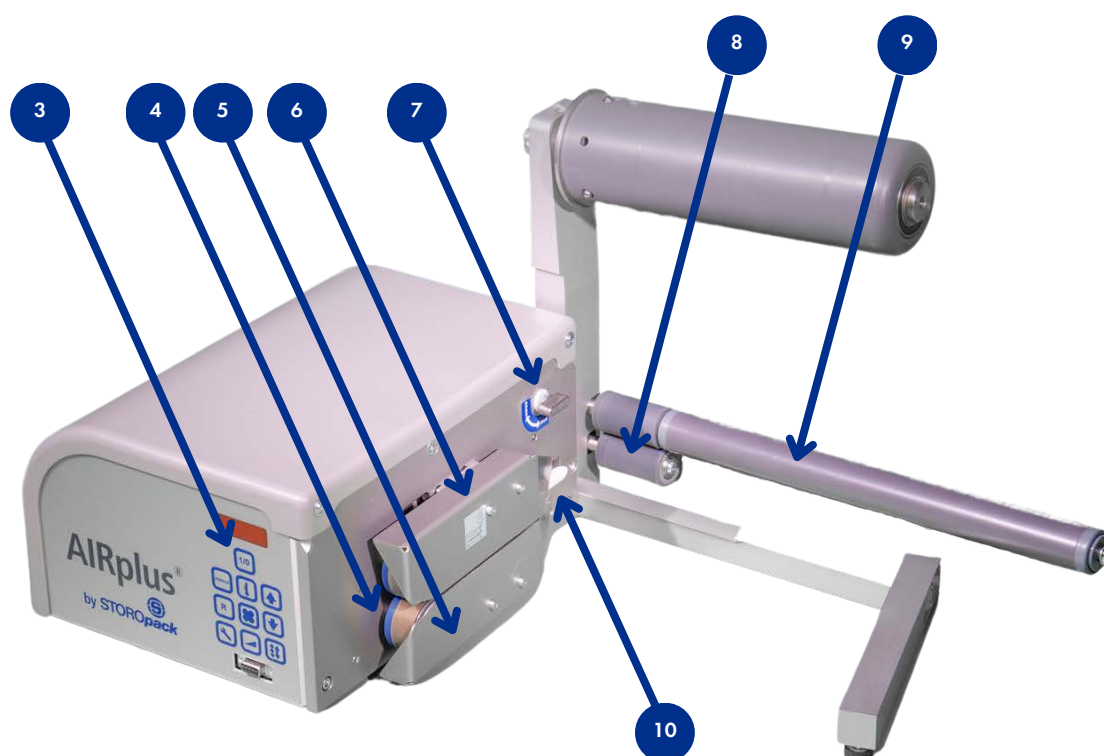
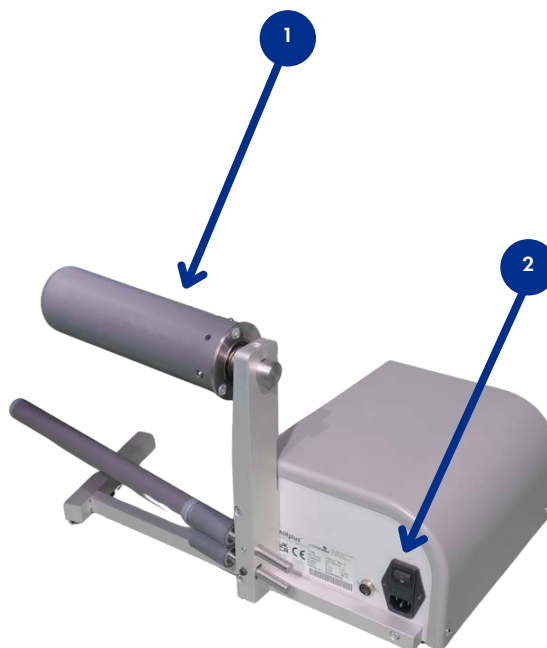
The instructions below must be carefully observed and maintained in order to ensure the personal safety of all users and/or operators.

1. Operating staff must avoid all contact with the electrical system of the machine.
2. Operating staff must never endanger themselves or others.
3. This machine has a heating element which becomes hot during production. Be mindful of this and do not place any flammable materials on or over the machine and switch the machine off after use by operating the main switch.
4. Set the main switch to "0" if an emergency situation occurs. This will switch off the machine and interrupt the power supply after a few seconds (when the display has fully dimmed). Only when the emergency situation or fault has been remedied, the machine may be switched on again by operating the main switch.
5. The machine must be switched off at the main switch at the end of the working day or if the machine will not be used for a considerable length of time. Before carrying out any installation or maintenance work, the machine must always be switched off at the main switch and the power lead must be unplugged.
6. All safety and protective measures and facilities must have been applied and be must be maintained in accordance with IEC instructions (International Electrotechnical Commission).
7. The machine installation and commissioning instructions are provided by either Storopack's own or delegated staff. Storopack's liability under IEC regulations no longer applies if changes or additions are made to the machine without Storopack's permission in writing.
8. Electrical and/or mechanical maintenance activities on the machine must only be performed following Storopack's permission. Such work must be carried out by properly trained specialists who have been specifically assigned to do such work.
9. The machine is handed over by Storopack fully adjusted and tested. Any damage or loss due to a loss of production or machine faults caused by incorrect operation or poor or faulty maintenance is not covered by the guarantee conditions.
10. When using or transporting the machine, proper care must be taken to protect the machine from shaking, bouncing, shocks, rain or exposure to excessive humidity.
11. Prior to using operating the machine, always ensure a clean working environment, well protected from nature's elements and verify that the machine has been placed on a stable and solid platform.

AIRplus® Inflator - construction

The instructions below must be carefully observed and maintained in order to ensure the personal safety of all users and/or operators.

1	Roll holder
2	Main switch & fuse
3	Control panel
4	Drive roller & transport belts
5	Fixed sealing unit
6	Adjustable sealing unit
7	Adjustable sealing unit lock
8	Film guiding wheel
9	Film guide shaft
10	Air blast unit



AIRplus® Inflator - working principles

The roll holder 1 holds a roll of Soku Minute Mattresses. This film is passed between the Film guiding shaft 9 and the Film guiding wheel 8, to the Air blast unit 10. The circulating belts 4 transport the film in a continuous motion, over the Air blast unit 10, and between the Sealing units 5 and 6.

During this motion the Air blast unit blows air into a preformed tubular cell in the film. The film is then cut open at the side to enable further transport and is heat-sealed by the Sealing units 5 and 6. The film has perforations between the cells at pre-configured lengths of the Soku Minute Mattress.

The Adjustable sealing unit lock 7 (when unlocked) enables the Adjustable sealing unit 6 to be moved upwards in order to install or remove the film or to replace the Circulating belts 4 only when the guards are removed.



Installing a roll

1. Make sure the machine is not running while changing rolls and while manually threading the film into the machine. If there is an empty roll on the Roll holder 1, remove it by gently pulling the roll in the direction away from the machine.
2. Install a new roll of Soku Minute Mattresses by sliding it over the Roll holder 1. The end of the roll containing printed instructions goes on first. Make sure the roll is pushed on the Roll holder 1 as far as it can go to align the film correctly.
3. Unroll enough film to feed the film between the Film guiding shaft 9 and the Film guiding wheel 8 towards the display side of the machine.
4. Tilt the Adjustable sealing unit lock 7, then lift the Adjustable sealing unit 6.
5. Manually open the film and slide this opening over the shaft of the Air blast unit 10. Then pull the film further until the film lines up with the front side of the Sealing units 6 and 7.
6. Tilt the Adjustable sealing unit lock 7 back into 'locked' position. Note: when this is not done properly, the machine will stop in 'Error-mode' and the display will show "E3"
7. Gently rewind any remaining loose film on the roll.

Operating the control panel

Push the Main switch 2 in position "1" to activate the machine. The display will light up and display "H" for manual mode or "A" for automatic mode.

The control panel contains ten control buttons. Since the machine has been preset for Soku Minute Mattresses, only the 1/O button and the R button will be used.

- The 1/O button starts or stops the machine.
- The R button resets the machine after resolving an error situation "E3", for example when a roll is empty or the Adjustable sealing unit lock 7 is not in 'locked' position.

The other controls for 'menu', 'temperature', 'air volume', 'transport speed', 'production length', 'up', 'down', 'options' should be used, only when instructed to do so by Technical support.

Support and documentation

When in need of support or more documentation regarding the AIRplus® Inflator as configured for the Soku Minute Mattress visit: www.soku.global/help



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Quick start guide

