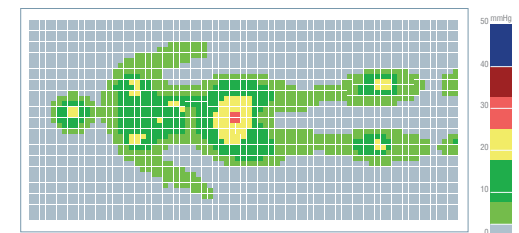


+ Mattress characteristics

Air rotation system, designed to ulcers and sores prevention in high risk patients (grade I) according to Norton scale and for mitigate pressure ulcers up to grade IV according to EPUAP.

+ General characteristics

- The mattress has 20 interchangeable and independent cells, high resistance, closed by a hermetic system, divided longitudinally in two and in transversal position.
- The header cells are alternate, to avoid the thrombus in the head.
- It has two larger size cells that work as side supports, to avoid the patient falling whilst turning.
- 60 minutes mattress inflation time to maximum pressure.
- RCP valve, fitted on the upper mattress area. In case of emergency, it allows to deflate the mattress in 10 seconds.
- With 10 firmness degrees.
- Due to sensors, continuously communicated with the mattress, automatically redistribute the pressure. This ensure the same comfort level for the patient during all his stay in bed
- Digital control unit with visual and acoustic low pressure alarm and power failure alarm, with silent mode as an option.
- Touch-pad control panel, intuitive and friendly use, with function locking button to avoid unintentional changes.
- Unplugged, the system maintains the maximum pressure for 15 minutes, depending on patient weight.
- The cells are placed on a 5 cm. air mat that avoids the patient contact with the bed.
- Nylon with polyurethane coating cover, with fire retardant and full-zip, away from the mattress edges, to prevent patient injuries.



Gender: Male. Weight: 98kg Height: 1'62cm.



+ Therapies



Pulsating:

This therapy is based in the inflation and deflation of the cells a 20%, giving a pulse sensation to the patient.

This therapy could last time cycles of 45/60/75/90 minutes.



Rotation:

Two optional modes therapy:

- Full Turn: turn towards both sides each 3 minutes.
- Turn&Hold: one side turn and rest in the required resting position.

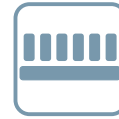
The turning angle will be chosen by the caregiver, which may be 15/20/40°. from 3 to 90 minutes time cycles.



Static:

Mattress inflation with the same firmness in all cells, firmness indicated by the caregiver, depending on each patient.

+ Modes



Max Firm:

Maximum mattress firmness mode. In this mode, the mattress will be inflated uniformly at 80 mmHg. for 10 minutes maximum, afterwards the original setting will return automatically.



Fowler:

This mode has to be used when the backrest is articulated between 25 and 45 degrees, lowering or raising some pressure areas.

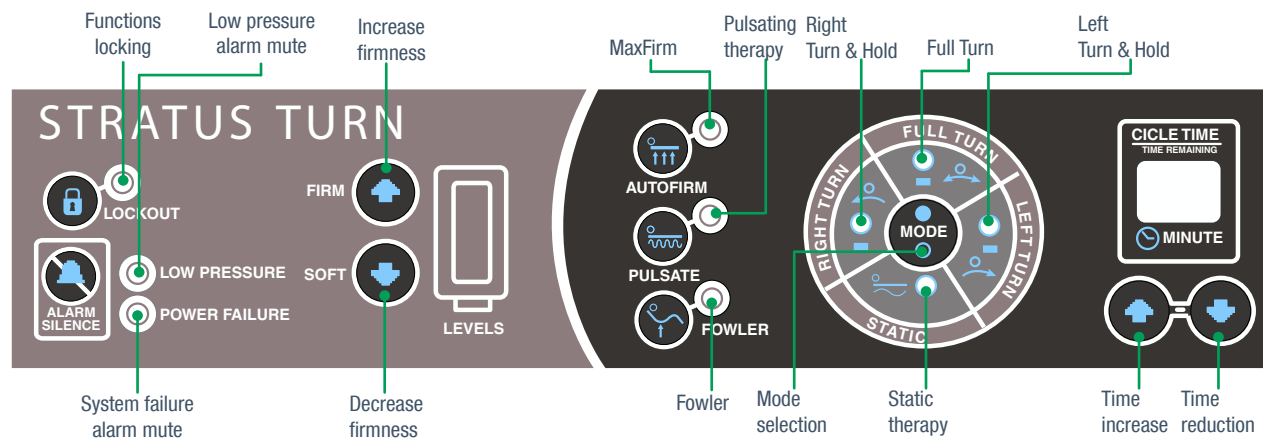
It has an optional accessory that activates this function automatically when the bed is articulated.



Low Air Loss:

This mattress has various continuous air exits through it, which favours to maintain the patient fresh and ulcers free.

+ Control Unit



+ Technical specifications

Mattress	
Dimensions	85x200x20 cm.
Weight	12'7 Kg.
Pressure range	20-80 mmHg
Maximum patient weight (MPW)	155 Kg.
Ulceration grade (EPUAP)	IV

Control Unit	
Dimensions	53x28x40 cm.
Weight	5 Kg.
Noise level	23 dB
Minimum air input	1740 Liters/ Minute
Protection grade and type	Type B / IP21

All our manufacturing is protected by our patents. Pardo reserves the right to modify, without prior notice, our models and technical specifications described in this data sheet.