

Opening Section / Automixer B143L

- TOP MIXING PERFORMANCES
- ABSOLUTE RELIABILITY
- HIGH PRODUCTIVITY (1,600 Kg/h)
- NO NEPS FORMATION
- EXCELLENT DE-DUSTING
- LOW ENERGY CONSUMPTION

Technology for effective blending and dedusting at high production levels

An effective mixing of cottons, ensures greater uniformity and stability of the blend, thus improving its performance and its commercial assessment.

The B143L with 4 or 8 mixing chambers and working width of 1,600 mm, has been designed in order to achieve the following objectives:

- Top mixing performances;
- production up to 1,600 kg/h;
- absolute reliability;
- low maintenance;
- dedusting area of 10 m² (for the 8 chambers model).

Reliable performance

A smooth air stream delivers the fiber tufts to the mixing chambers where the material is pneumatically compacted.

A pair of grooved delivery rolls and an opening roll for each mixing chamber open the raw material which is then mixed in the blending channel and sucked by the air stream of the cage condenser or the fan of the opener placed after the Automixer.

Soft treatment of the fibers

The innovative design of the transport fan allows to keep neps formation in the raw material to a minimum.

Design of the feeding hood

The particular design of the feeding hood allows a homogeneous distribution of the fibers among the cells of the mixer.

Large capacity

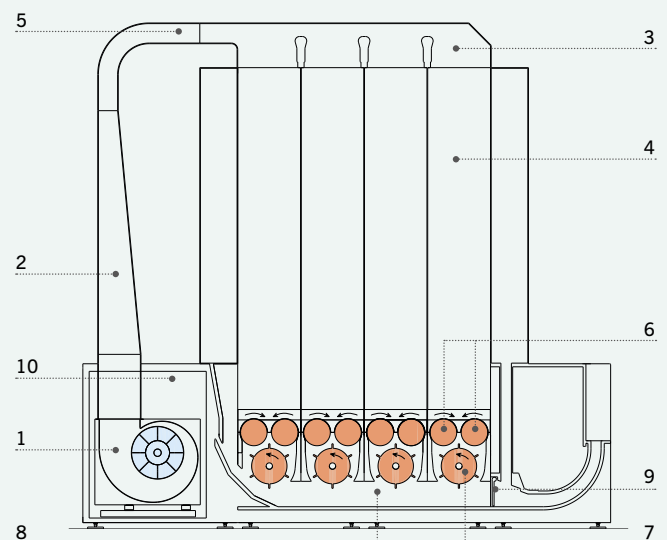
The design of the mixing chambers of the B143L automixer allows production levels up to 1600 Kg/h, depending on the type of material.

De-dusting surface

The large de-dusting surface of Automixer B143L allows an excellent removal of the dust from the raw material even when working at high production volumes.

Low power consumption

Despite its high production capacity, the B143L automixer has outstandingly low installed-power and energy-consumption levels.

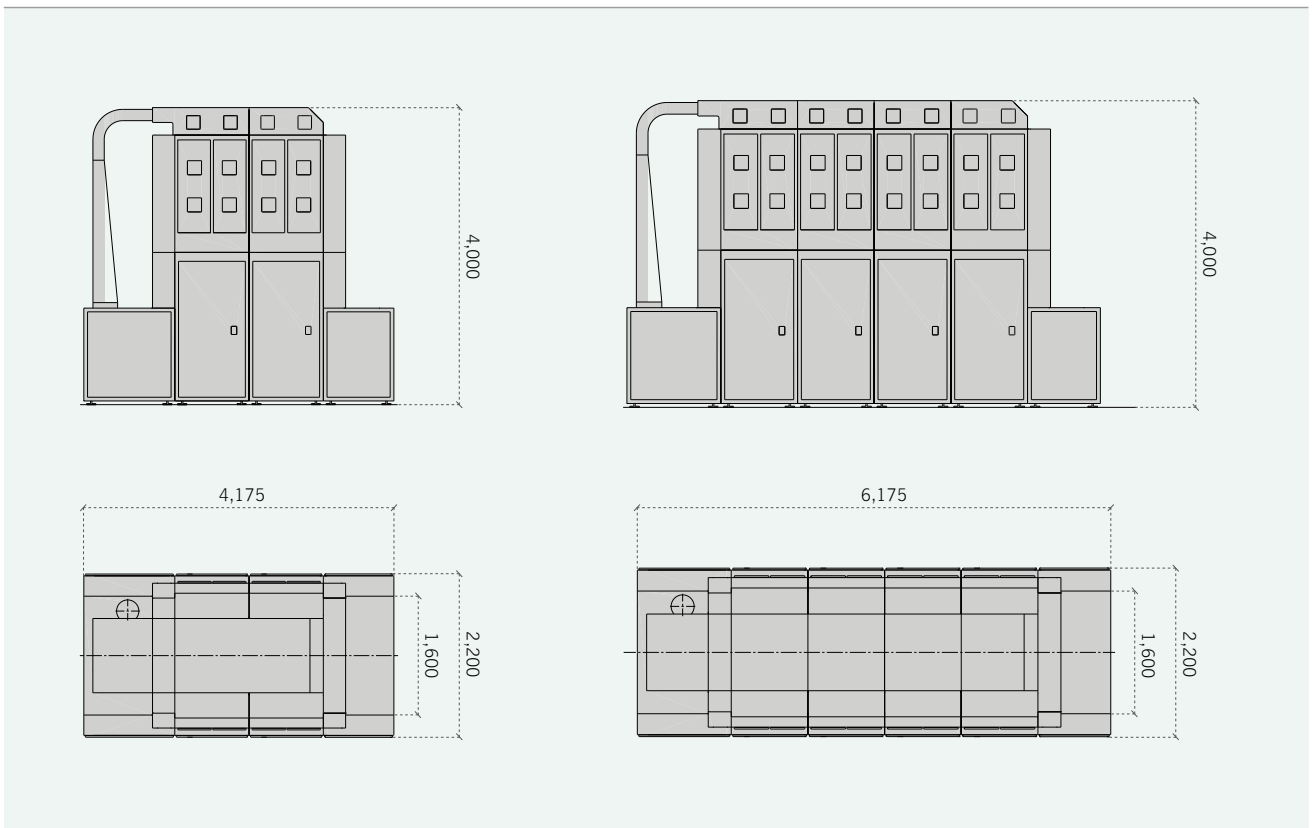


Machine description | Legend

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|---|---------------------|----|------------------|
| 1 | Motorfan B152 | 6 | Delivery rolls |
| 2 | Feed duct | 7 | Opening rolls |
| 3 | Distributing duct | 8 | Blending channel |
| 4 | Mixing chambers | 9 | Air by-pass |
| 5 | Pressure transducer | 10 | Microprocessor |



Technical data



Processed material	Cotton, man-made fibres and blends up to 65 mm length Production up to 1,600 kg/h with 8 chambers depending on the processed raw material
Storing capacity	550 kg cotton fibers (8 chambers) 450 kg man made fibers (8 chambers)
Installed power including B152	11.2 kW (4 chambers) 11.4 kW (8 chambers)
Working width	1,600 mm
Net weight	4,000 kg (4 chambers) 5,200 kg (8 chambers)
Power Consumption to process 100 kg of raw material	0.71 kW