

- GENTLE BUT INTENSIVE OPENING
- EXCELLENT CLEANING
- WASTE REDUCTION
- HIGH FLEXIBILITY
- EFFICIENT DEDUSTING
- EFFECTIVE MIXING
- EASY MAINTENANCE & CLEANING
- PRODUCTION UP TO 1,000 Kg/h

## Opening Section / Duo Blended Cleaner B380L

### Technology for a gentle but intensive opening and cleaning

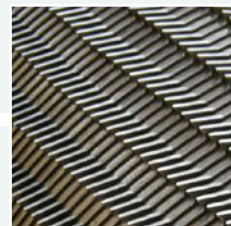
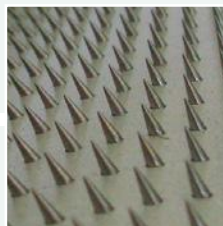
#### Gentle but intensive opening

The B380L duo blended cleaner allows to open and clean the raw material in a gentle but intensive way while working at high production levels. This is possible thanks to the progressive opening and carding action, which reduces the stress on the fibers without affecting the opening and cleaning outcome. Fibers in the B380L are freely delivered to the first beater without being held by the nipping mechanism that traditionally occurs between the feeding roller and the feeding table. The special pre-opening rolls reduce the fiber stress caused by the speed difference between the feeding roller and the beater. The two beaters, with different pins densities, rotate at different speeds in order to further open the material but always with low stress on the fibers.



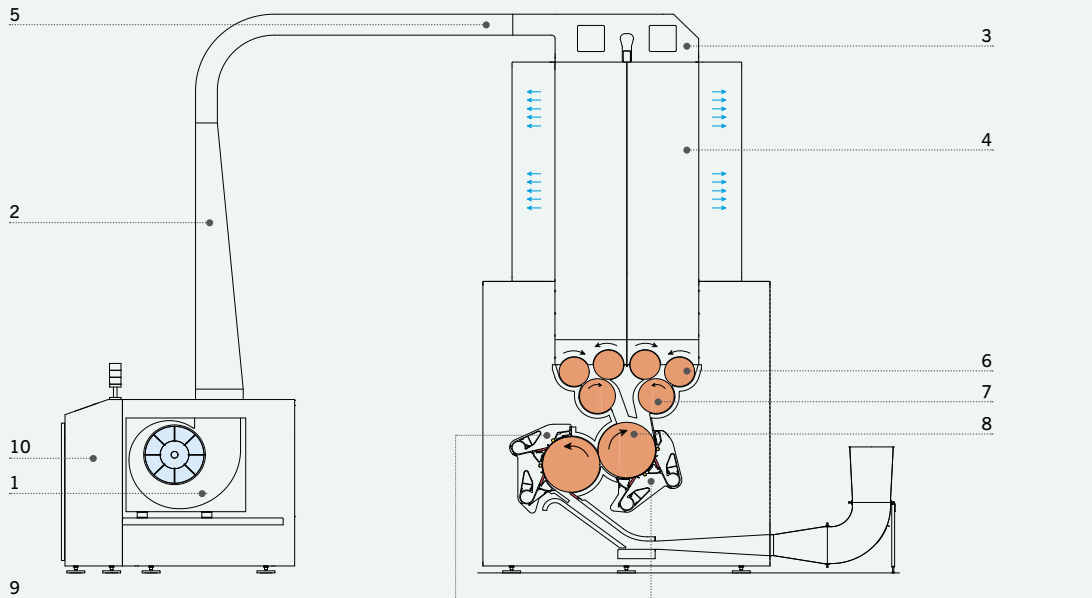
#### Excellent cleaning

The independent speed of the two beaters, controlled by inverter, can be set by keyboard, according to the processed raw material. The quality and quantity of the waste can be easily modified with a simple setting of the deflector blades.



#### Waste reduction

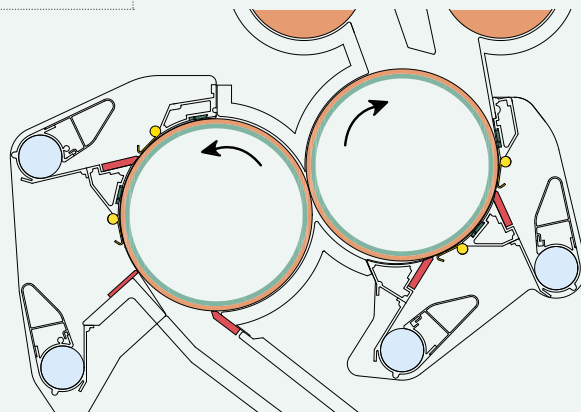
The progressive opening and carding action improves the selection of the fibers, thereby reducing the amount of waste with the same cleaning efficiency of the raw material.



Technical description | Legend

- 1 Motorfan B152
- 2 Feed duct
- 3 Distributing duct
- 4 Blending chambers
- 5 Pressure transducer
- 6 Delivery rolls
- 7 Preopening rolls
- 8 Beaters
- 9 Opening grids
- 10 Microprocessor

- KNIVES
- DEFLECTORS
- SEGMENTS



**High flexibility**

The customer can choose between several types of beaters (pinned, needle and sawtooth) according to the fiber to process. Moreover, the hoods with knives, the flaps and the suction pipes of the B380L duo blended cleaner can be opened in order to guarantee the highest level of accessibility of the machine and to allow a fast replacement of the beaters. This allows the customer to process several types of materials with the same machine always with the highest performances. Moreover, in blow room lines with several opening and cleaning points, it is possible to use only B380L with different configurations, instead of various types of machines.

This reduces the number of necessary spare parts, with a great economic advantage for the customer.

**Efficient dedusting**

The B380L, thanks to its two blending chambers with a surface of 3 m<sup>2</sup>, dedusts the processed material before it enters into the machine. The trash particles and dust, removed during the opening action, are conveyed by the suction hoods to a centralized suction system. Permanent suction considerably improves the dedusting of the cotton.

**Effective mixing**

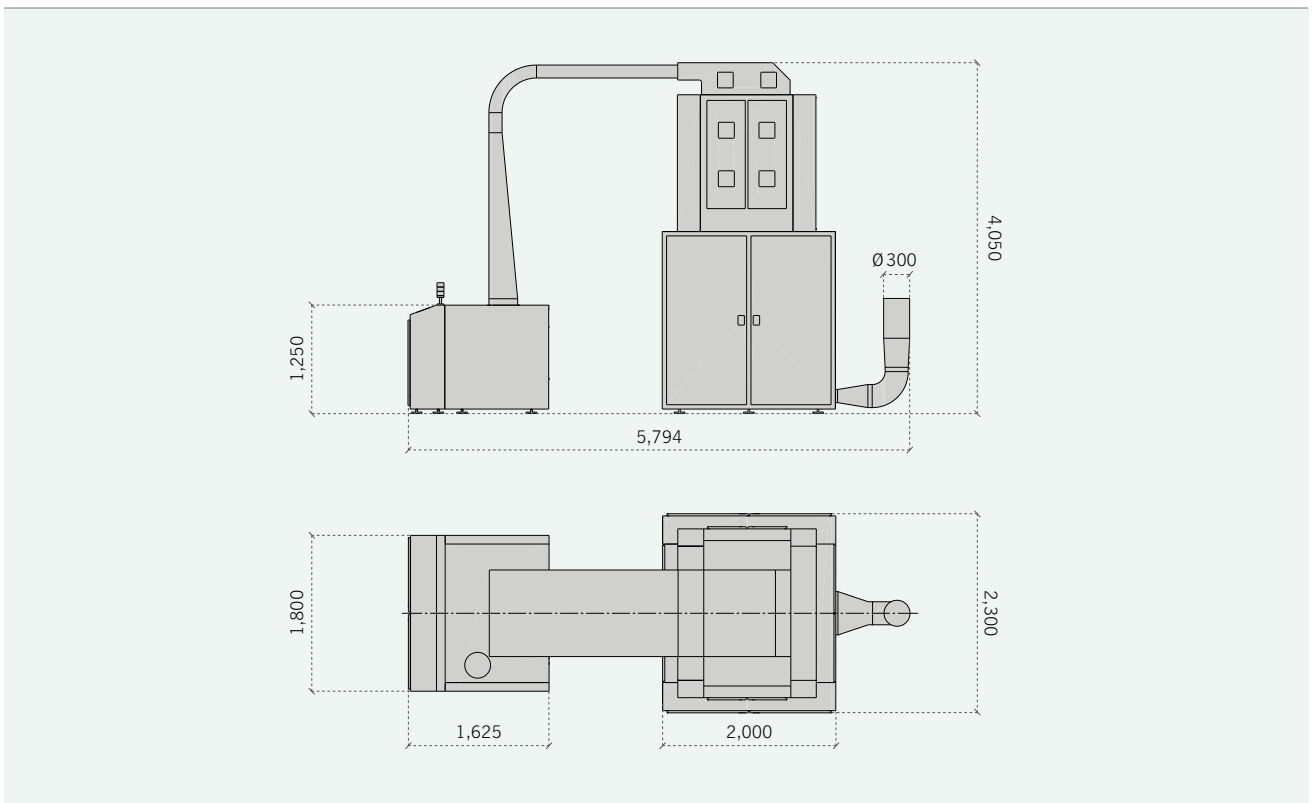
The B380L, through its two separated blending chambers, mixes the raw material. In blow room lines with one or more fine openers, the mixing action of the B380L adds up to the blending capacity of the mixer and allows to obtain perfect blends.

**Easy cleaning & maintenance**

The B380L geometry guarantees the maximum accessibility to all the working organs. This makes cleaning and maintenance easy and effective, allowing the machine to always work at its best.



## Technical data



Processed material	Cotton, man-made fibers and blends up to 1,000 kg/h depending on the processed material
Installed power	16.62 kW
Frame width	1,600 mm
Opening roll	400 mm dia.
Speed range	600 - 1,100 rpm
Net weight	4,340 kg
Power Consumption to process 100 kg of raw material	1.62 kW