

B 15

High-Performance Pre-Cleaner UNIClean B 15



Efficient and gentle pre-cleaning
at high production rates

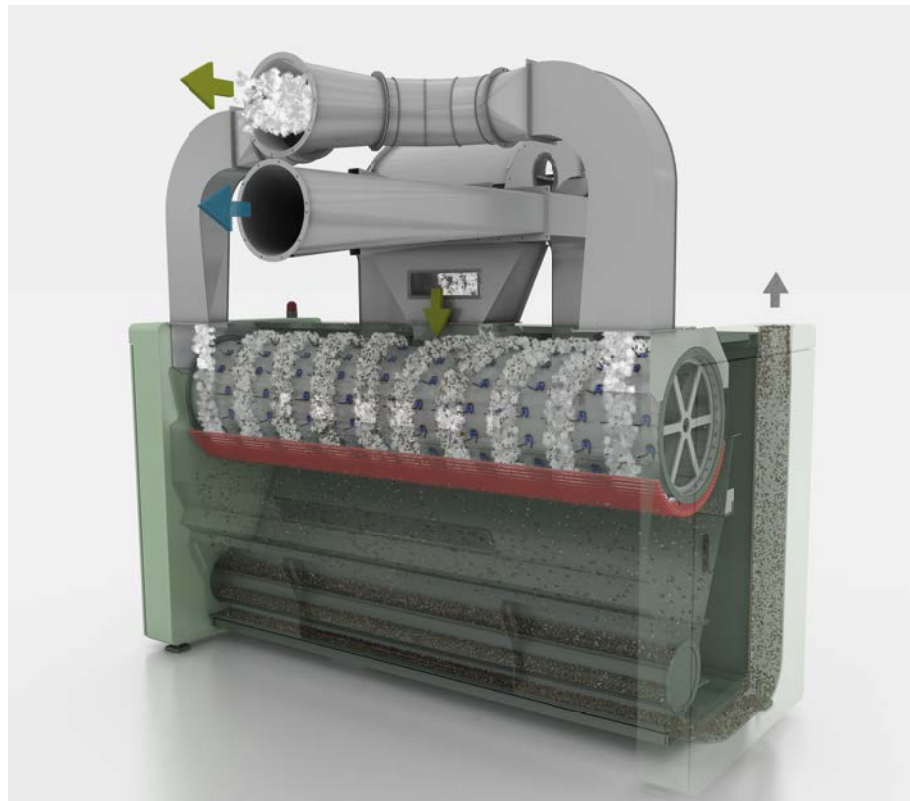
Efficient and Gentle Pre-Cleaning

Sophisticated Cleaning Principle for 2 400 kg/h Line Production

Economical with high performance

The optimum cross section of the grid bars, ideal material routing and the large dedusting surface result in the reliable cleaning of material up to a line production of 2 400 kilograms per hour. Transferring the material without nipping protects the fibers and optimizes raw material use.

Cleaning is not disrupted by the influences of air, with cleaning efficiency reaching up to 90%. The removed trash drops into the waste chamber and is transferred to the waste removal system by an airlock roller. The waste extraction process is intermittent. Since waste extraction does not run continuously, this solution requires less energy.



Unique working principle for high yarn quality

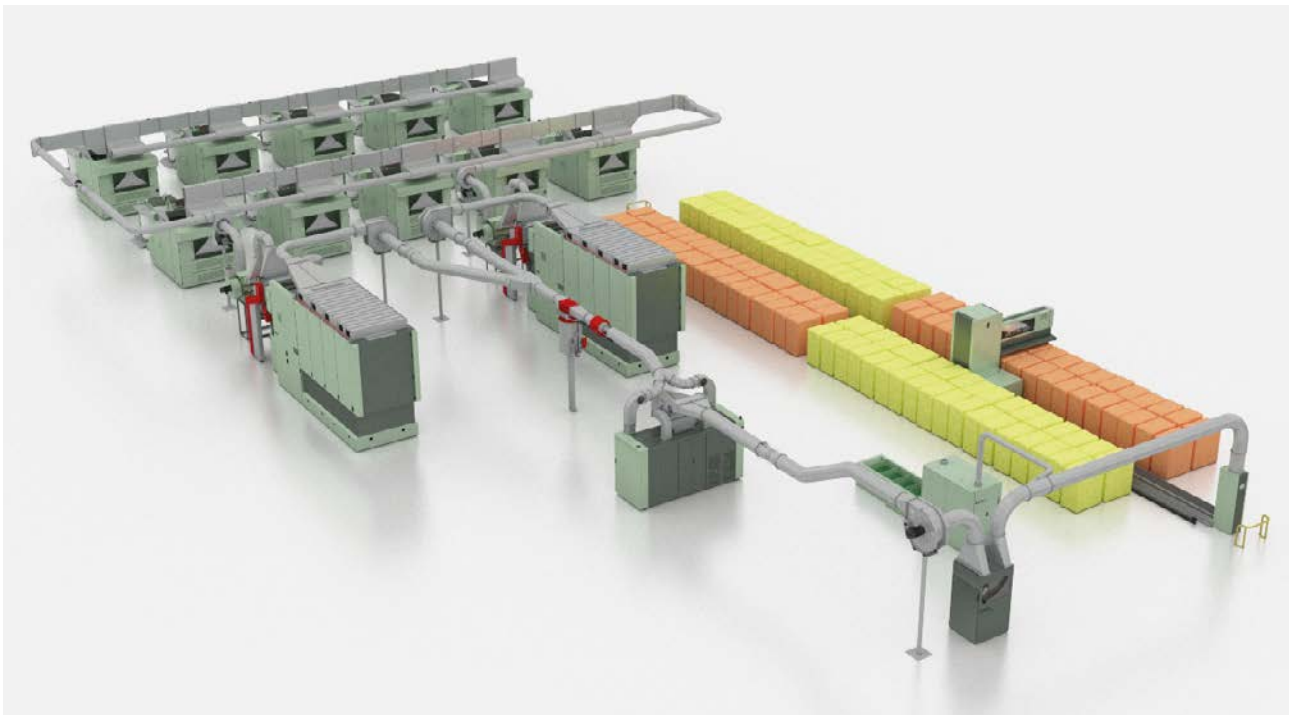
The first stage sees fiber tufts hit optimally arranged surface screens while being fed in. The first tufts to be dedusted are distributed evenly in the top cover. Double hooks then pick up the material and pass it over the cleaning grid five times to clean it gently. In this second dedusting stage, dust particles escape through the surface screen integrated in the B 15. This ensures that the finest seed coat fragments and dust are mechanically removed.

This working principle delivers excellent production results and high yarn quality – especially in rotor spinning mills.

Automatic Adjustment to the Raw Material

Economical Line Management for Single-Assortment and Multi-Assortment Operation with VARIOset

When the UNIfloc A 12 processes different assortments, the settings of the UNIClean B 15 are automatically adjusted to the specific material. Three different assortments can be processed.



VARIOline with a UNIClean B 15 in two-assortment operation

Optimal adjustment with VARIOset

The settings for the cleaning intensity and relative waste quantity are entered on the machine operating unit. The VARIOset function enables the B 15 to be automatically and precisely adjusted to the characteristics of the fiber and the trash content it contains. This optimizes the cleaning process and enables maximum fiber yield from the raw material.

An ideal solution for any blowroom

Thanks to its compact design, the B 15 can be easily integrated into existing blowrooms and third-party systems. It also improves the cleaning performance of existing installations.

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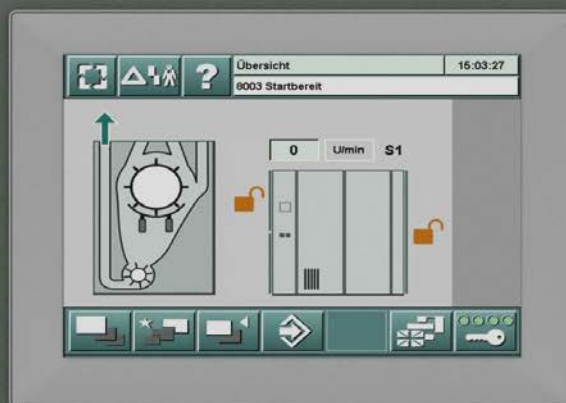
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