Fibre Preparation
A 12 UNIfloc

A 12 UNIfloc Automatic Bale Opener

Innovative bale take-off technology guarantees high efficiency in the blowroom
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With a line production up to 2 000 kg/h, the A 12 UNIfloc is extremely economical. The machine concept is based on a robust monocoque design, torque controlled direct drive and a unique scanning force measurement of the take-off unit. The fibre tufts are taken off uniformly by a patented take-off roller system, opened into so-called microtufts and thus optimally prepared for the further blowroom process. Energy costs can be reduced by feeding back the brake power into the network.

- With 2 000 kg/h line production, the A 12 UNIfloc supplies the cards reliably.
- The patented force measuring for scanning the bale laydown allows the required high productivity rate to be obtained from the very beginning, even with a new bale group.
- Energy saving by means of the future-oriented direct drive concept and the feedback of brake power into the electricity network.

- Bale opening into microtufts provides the basis for the effective cleaning and dust extraction by the subsequent blowroom process.
- The unique scanning force measurement on the take-off unit results in a uniform take-off of the feed bale.
- Thanks to the patented wobble disc take-off roller, gentle and continuous extraction of the tufts is ensured.
- The microtufts allow an extremely homogeneous blend already at the start of the process.

ECONOMY

High production after bale group change thanks to patented bale scanning

QUALITY

Uniform and gentle material take-off to microtufts

FLEXIBILITY

Intuitive and safe operation by means of the colour touchscreen

- The intuitive and safe operation is effected by a colour touchscreen monitor with direct menu navigation and visual display of the inputs and operating conditions.
- The connection to the blowroom control UNIcontrol permits a convenient overview of the whole blowroom.
- The A 12 UNIfloc processes up to 3 assortments.