ANDRITZ air blade – USEFUL IN NEEDLEPUNCH OPERATIONS
ANDRITZ air blade technology is one of the innovative ideas for our needlepunch lines to help our customers to make their production processes even more efficient and thus enable them to profit from the cost effects. The ANDRITZ air blade can be retrofitted to many cards in all existing ANDRITZ needlepunch lines. The installation of an ANDRITZ air blade is quite simple and involves relatively little effort. And, of course, the ANDRITZ service team will accompany you throughout the process.
Smother production with ANDRITZ air blade technology

THE CURRENT SITUATION
Every improvement in the material quality is an understandable goal for the operator team of a needle-punch line. Even if the card ensures very good fiber distribution, the fibers can still become wrapped around the rolls or be caught up in them. This can lead to unnecessary irregularities in the material further on in the process. This is where the ANDRITZ air blade system comes into play. It significantly reduces fiber accumulation on the take-off rollers and guarantees better web flattening on the output apron. Maintenance times on the card and downtimes are significantly reduced as a result. Hence, you benefit from immediate cost savings.

HOW DOES THE air blade WORK?
The ANDRITZ air blade for needle-punch lines ensures uniform trimming of superfluous fibers from the material web within the needlepunch production line after it has left the card. This process guarantees further homogeneous distribution of the material and prevents irregularities in the web. By optimizing the distribution of material, the air blade technology actively helps to improve the output quality as well as reducing downtime and breaks in operation for repairs.

WHAT DOES THE RETROFIT INCLUDE?
The ANDRITZ air blade can be retrofitted to all ANDRITZ eXcelle and eXcelle LINK cards. The main components are the air blade itself as well as new take-off rollers and the corresponding electronic control device. The ANDRITZ Service team will be pleased to inform you in detail on retrofitting an air blade to the card of your needlepunch line.

BENEFITS
• No fiber accumulation
• Better web flattening on output apron
• Reduced maintenance time
• Reduced downtime for repairs
• Improve the productivity of the entire line
• Affordable investment costs
• Comprehensive advice and installation by our competent service team

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