



ANDRITZ X-Pro™ CROSSLAPPER

A new benchmark in crosslapping performance

NEW BENCHMARK CAPABILITIES

With unwavering commitment to innovation, ANDRITZ introduces a next-generation crosslapper designed to set a new benchmark in speed, capacity, and quality. This machine represents the pinnacle of performance, redefining industry standards and delivering unmatched results in textile production.

ANDRITZ X-PATH ADVANCED WEB TRANSFER

A revolutionary textile path expertly guides and handles fibers from entry to delivery while maintaining precise control of the web structure. This minimizes transfer at the feeding point, optimizing strength distribution in the finished product. Regardless of web weight or thickness, the

X-Path advanced web transfer integrates all varieties for superior performance. The added conveyor in the textile path moves the web from the card exit to delivery while accommodating web characteristic. This approach eliminates fiber limitations, boosting productivity and quality in the crosslapping process for the best efficiency achievable.

ANDRITZ

New generation crosslapper

BEST PRODUCTIVITY WITH BEST QUALITY

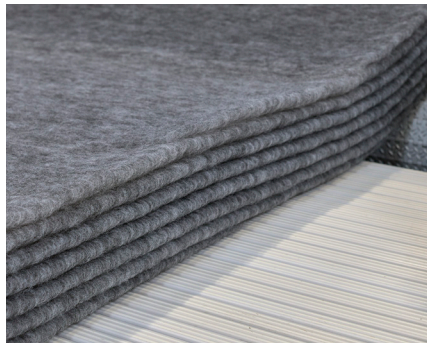
The new ANDRITZ X-Pro™ crosslapper series represents the ultimate solution for maximizing productivity while maintaining superior cross-laying quality and preventing web distortion. Its innovative design minimizes the drafting ratio between card delivery and web entry, preserving web quality during transfer. The system ensures consistently precise overlap, preventing any local variations in weight or weaknesses within the batt. Additionally, its exceptional performance capabilities allow for an increased number of layers, further enhancing the homogeneity of the final fabric.

ProWin™ COMPATIBLE

The new ANDRITZ X-Pro™ crosslapper is fully compatible with any ANDRITZ profile correction system. The ProWin™ principle is even enhanced thanks to the new ANDRITZ X-Path advanced web transfer, which controls the web throughout its transfer. The dynamic capabilities of the ANDRITZ X-Pro™ crosslapper elevate it to an unprecedented level of productivity combined with quality.



The new ANDRITZ X-Pro™ crosslapper installed on the ANDRITZ needlepunch pilot line



Outlet of the new X-Pro™ crosslapper for needlepunch



Outlet of the new X-Pro™ crosslapper for spunlace

BENEFITS

- Maximum input speed of up to 250 m/min depending on the delivery width
- Output working width of up to 8.3 m
- For cards of 2.5 m, 3.0 m and 3.5 m
- Reinforced structure
- Native ProWin™ capability

BENEFITS

- Higher production speed
- No internal web distortion
- Better output quality with higher evenness
- Straight edges
- Perfect overlap
- Optimized profile correction accuracy

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