



neXloom A-Type NEEDLELOOM

**Tailored solutions for scalable production
across key needlepunch markets**

NEW ANDRITZ neXloom A-Type NEEDLELOOM

The neXloom A-Type expands our needleloom portfolio by introducing a machine designed for medium-range capacities, offering cost-efficient and high-quality production. A needleloom built for versatile production across synthetic

leather, filtration, geotextile, and automotive applications. It features random needle pattern capability, a low maintenance design, and customizable options like automatic greasing. With a stroke range of 25–60 mm operating at speeds of 850 to 1,200 rpm, the neXloom A-Type is the ideal choice for

smarter nonwoven manufacturing. The neXloom A-Type is a next-generation needleloom engineered to meet evolving needs. Designed with high flexibility and performance, this innovative machine is a strategic and cost optimized solution.

ANDRITZ

neXloom A-Type needleloom: Cost-effective, reliable, flexible

NEXT LEVEL NEEDLELOOMS

The neXloom A-Type ensures consistent quality, reduced downtime, and lower total cost of ownership thanks to a grease-lubricated module and optimized frame. A key feature is the random needle pattern capability, which enhances strength, uniformity, and surface appearance – crucial in today's needlepunch markets. Optional systems like automatic greasing simplify maintenance and boost reliability. The machine offers flexibility in production, operating at speeds of 850–1,200 rpm and a stroke range of 25–60 mm. As part of the broader ANDRITZ needleloom portfolio, the neXloom A-Type complements the R-, HL-, and HLS-types, underpinning ANDRITZ's commitment to innovation, quality, and customer-focused solutions.

BENEFITS

- Wide range of possible needling densities
- Highly cost-effective
- Minimal maintenance thanks to optional automatic grease system
- Random pattern for enhanced visual aspect
- Robust and reliable



neXloom A-Type

Needleloom usage	Pre-needleloom		Needleloom	
Needleloom model	SD1 / SM1 / SD2		SD1 / SM1 / SD2 / SM2	
Maximum punching speed [rpm]	850		1,200	
Available stroke [mm]	60		25–40	
Working width [m]	2.7–5.1		2.7–5.1	
Maximum speed [m / min]	50		50	
Board size [mm]	300		300	
Needle pattern [needles / m]	1,500–5,500 SD1 / SM1	4,133–11,000 SD2	2,133–7,000 SD1 / SM1	4,266–14,000 SD2 / SM2

EUROPE

ANDRITZ Asselin-Thibeau S.A.S.
Elbeuf, France
+33 2 32 96 42 42
asselin-thibeau@andritz.com

ASIA

ANDRITZ (China) Ltd.
Wuxi, P.R. China
+86 510 8536 1269
nonwoven-china@andritz.com



All data, information, statements, photographs and graphic illustrations in this leaflet are without any obligation and raise no liabilities to or form part of any sales contracts of ANDRITZ AG or any affiliates for equipment and/or systems referred to herein. © ANDRITZ Group 2025. All rights reserved. No part of this copyrighted work may be reproduced, modified or distributed in any form or by any means, or stored in any database or retrieval system, without the prior written permission of ANDRITZ AG or its affiliates. Any such unauthorized use for any purpose is a violation of the relevant copyright laws. ANDRITZ AG, Stattegger Strasse 18, 8045 Graz, Austria. neXloom needleloom A-Type / 10.2025 EN

