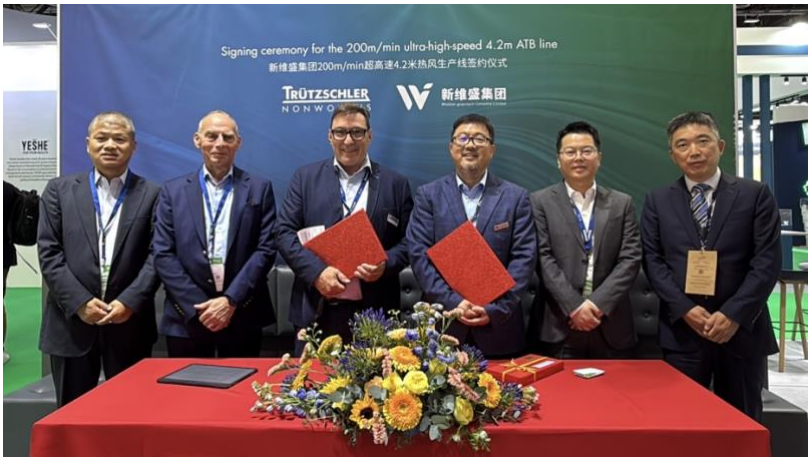
Trützschler and Wisdom-Greentech held a signing ceremony for the ultra-high-speed 4.2m Air-Through Bonding (ATB) line

The global nonwoven industry continues to witness remarkable technological evolution, and one of the latest milestones comes from the strategic collaboration between Trützschler and Wisdom-Greentech. The two companies recently held a signing ceremony in Geneva, Switzerland, for the purchase of an ultra-high-speed 4.2-meter Air-Through Bonding (ATB) production line, marking another breakthrough in advanced hygiene and nonwoven manufacturing technologies.



Signatories (from left to right) Mr. Matthias Schemken (Managing Director of Trützschler Nonwovens)，Mr. Guang Yang (General Manager of Wisdom Group)



Representatives of Trützschler and Wisdom Group at the signing ceremony (from left to right) Mr. WeiZhong Zhu (Sales Director of Trützschler Textile Machinery (Jiaxing) Co., Ltd.), Mr. Harald Schoepp(General Manager of Trützschler China), Mr. Matthias Schemken (Managing Director of Trützschler Nonwovens), Mr. Guang Yang (General Manager of Wisdom Group), Mr. Weiping Zhang (Vice General Manager of Trützschler Textile Machinery (Jiaxing) Co., Ltd.) Mr. Qingchun Lu (Director of Research and Development of Wisdom Group)

This partnership reflects far more than a conventional machinery investment. It symbolizes the growing synergy between German engineering excellence and China's rapidly advancing hygiene products sector. Designed specifically for the high-end maternal, infant, and child care market, the new ATB line is expected to significantly enhance manufacturing efficiency, product consistency, and operational competitiveness across the disposable hygiene products segment.

The newly developed 4.2-meter ATB line represents the 14th Trützschler production line installed at Wisdom-Greentech facilities. Equipped with a 4.2-meter-wide carding machine and a designed operating speed of 200 meters per minute, the line offers a dramatic leap in productivity. Compared with traditional 2.5-meter and 3-meter production systems, production capacity has effectively doubled. Even against conventional 4.2-meter lines, the latest technology achieves superior efficiency while maintaining premium product quality and lower manufacturing costs.

The collaboration between the two companies has consistently pushed the boundaries of innovation within the thermobonding and nonwoven sectors. Over the years, Trützschler and Wisdom-Greentech have successfully introduced several world-first achievements. These include the launch of the first 3.8-meter single/double-purpose back-to-back double carding thermobonding line in 2022, the first 3.8-meter line with an advanced middle silo blending system in 2024, and the first 4.2-meter double carding thermobonding line in 2025. The newly announced ultra-high-speed 4.2-meter line further reinforces their reputation as pioneers of next-generation nonwoven manufacturing technology.

At the heart of this success lies Trützschler's expertise in carding and web-forming technologies. The company's advanced engineering capabilities have enabled Wisdom-Greentech to scale up production while simultaneously meeting rising global demands for superior hygiene and disposable nonwoven products. As the hygiene industry evolves toward higher efficiency, better sustainability, and premium product performance, such collaborations are becoming increasingly critical for shaping the future of the sector.

For the global nonwoven industry, this development carries broader significance. It demonstrates how strategic technological partnerships can accelerate industrial transformation, optimize manufacturing economics, and support the growing demand for high-performance hygiene solutions worldwide. In an era where intelligent manufacturing and sustainable productivity define competitiveness, the Trützschler–Wisdom-Greentech alliance stands as a strong example of innovation-driven growth.

As Trützschler continues to expand its global leadership in spinning, nonwovens, and card clothing technologies, and as Wisdom-Greentech strengthens its presence in the premium

hygiene market, the collaboration is expected to inspire further technological advancements across the international textile and nonwoven landscape.

The Geneva signing ceremony therefore represents not only a business agreement, but also a powerful statement about the future direction of the global nonwoven industry — one driven by innovation, intelligent engineering, sustainability, and long-term industrial vision.