

Revolutionizing the Textile Industry: Tatham's Collaboration with Europe's Knitwear Leaders



In a significant leap forward for sustainable textile production, Tatham takes pride in its collaboration with one of Europe's premier knitwear companies, setting a new benchmark in the industry. This partnership has led to the commissioning of a state-of-the-art decortication line, specifically designed to produce hemp fiber of unparalleled quality, suitable for spinning and a wide range of applications.

With an impressive capacity to process up to 10,000 lbs (approximately 4,000 kg) of input per hour, this innovative line stands as a testament to Tatham's commitment to advancing textile manufacturing technology. The integration of a novel stem breaker module is a highlight of this facility, showcasing Tatham's dedication to addressing the challenges posed by raw material inconsistencies. This module ensures that the integrity of the fiber is maintained throughout the process, overcoming previous obstacles that have hampered hemp fiber production.

The decortication line's capabilities do not stop at fiber production. It is adept at handling both round and rectangular bale feeds, demonstrating versatility and

efficiency. Moreover, the line is engineered for both fiber and shiv/hurd processing, making it a comprehensive solution for hemp material handling.

The applications for the output of this groundbreaking line are diverse and impactful. From insulation and construction materials to automotive components and composite materials, the high-quality hemp fiber produced by Tatham's technology opens new doors for sustainability and innovation across multiple industries. This versatility underlines the potential of hemp as a key material in the transition towards greener, more sustainable manufacturing practices.

Tatham's collaboration and technological advancements are not just a win for the textile industry but also a significant step forward in the global effort to embrace sustainable and environmentally friendly manufacturing solutions. As this partnership continues to evolve and produce results, it paves the way for a future where sustainability and innovation go hand in hand, setting new standards for the textile industry worldwide.