Increased efficiency in DTY production

Temco sets new industry standards with VR Eco and PU Disc

Temco, a leading provider of high-precision components for the textile industry, announces the launch of its latest innovations, the VR Eco bearing and the NanoDisc, part of Temco's market leading PU-Disc portfolio, designed to enhance efficiency, durability, and cost-effectiveness in modern Draw Texturing Yarn (DTY) processes. These advanced solutions offer significant benefits for fine Polyester & Polyamide yarn production, setting new standards in the industry.



Optimized performance for modern DTY machines

Temco's VR Eco bearings are specifically engineered for use in state-of-the-art DTY machines that operate with either nip rollers or godets. These bearings provide substantial advantages in terms of energy efficiency, production speed, and yarn quality. With a low moment of inertia, the VR Eco reduces energy consumption and accelerates production processes. The design ensures smooth and gentle yarn guiding, minimizing „minimizes yarn breaks and filament damages and improving overall yarn quality. Manufactured from high-grade materials and developed in accordance with Temco's rigorous quality standards, these bearings offer an extended service life and reliable performance.

An additional key benefit of the VR Eco is its high price-to-value ratio, making it the most economical Temco bearing available on the market. Depending on the machine type, different VR Eco models are used: machines with nip rollers require one VR2137-E02-N per position, while godet machines operate with three VR2129-E02-N per position.

Best polyamide texturing results with Temco PU Discs

As a pacesetter in the development of PU friction discs, Temco continues to set new milestones in DTY Technology. As a texturing expert, the component manufacturer is in close cooperation with universities and technology leaders in the textile industry. PU discs from Temco offer the advantage of much less abrasion on the yarn surface compared to competitor discs. This leads to better strength and elongation, resulting in fewer filament and yarn breaks and minor machine contamination. The highest accuracy in terms of dimensions as well as material composition guarantees equal yarn values from the first to the last position of the machine, year after year, from lot to lot. In addition, the texturing performance is kept constant with different PU lots.

Cost reduction without compromising quality

With the VR Eco and PU Discs, Temco reaffirms its commitment to providing cutting-edge solutions that Increase productivity, improve yarn quality, and reduce operational costs all at the same time. These innovative technologies represent a significant advancement in modern texturing processes, offering tangible benefits to textile manufacturers worldwide. For more information about VR Eco and the PU discs, Please visit website at **www.temco.de**