

2023

Best wishes for a successful new year



## Ladies and Gentlemen,

Since the beginning of the pandemic in 2020, there have been many uncertainties of a political, economic and military nature, further intensified by war in Ukraine. Though there was considerable economic recovery in 2021, this development has been challenged in the current year by the situation in Ukraine, by inflation, energy supply problems, further disturbances of supply chains and by Covid-19 in the important supply and outlet market China. Nevertheless, Dilo, already enjoying significant order volume, has booked further orders in 2022 and is a business partner in demand for many important projects in the needlefelt industry. The economic expectations now concentrate increasingly on the western hemisphere, with the United States and Europe as currently the most important key markets.

Due to the current energy crisis the demand for increased sustainability in the industry has to be taken more seriously and it is clear that politically and legislatively additional weight will be given to this sensible target. In this context the requirement for closed loop textile recycling management to increase the amount of recycled textiles has to be considered. In future, many technological measures and market changes in the textile industry have to be taken into account. One step forward would be more unblended fibre textiles with a clear and automatic process for fibre identification and subsequent designation.

The processing of torn textile residues is already an important branch of the nonwoven industry. This so-called downgrading has proved invaluable. Significant progress has been achieved by inventing modern tearing machines for “controlled” tearing which conserves fibre staple length to a greater extent.

## New Cooperation with Dell'Orco & Villani and Technoplants

DiloGroup has closed cooperation contracts with the Italian specialists Dell'Orco & Villani and Technoplants to include as general contractor their special tearing and web forming machines in its portfolio and complete lines with sole responsibility



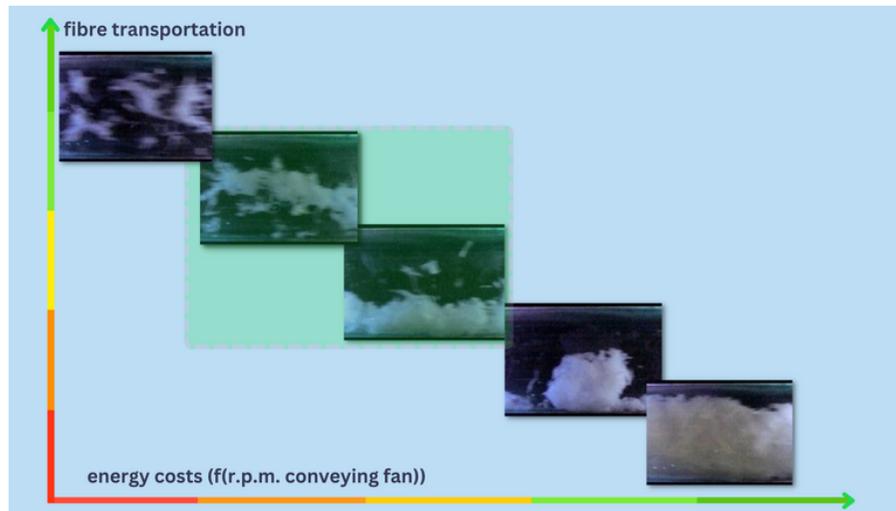
Dell'Orco & Villani



Technoplants

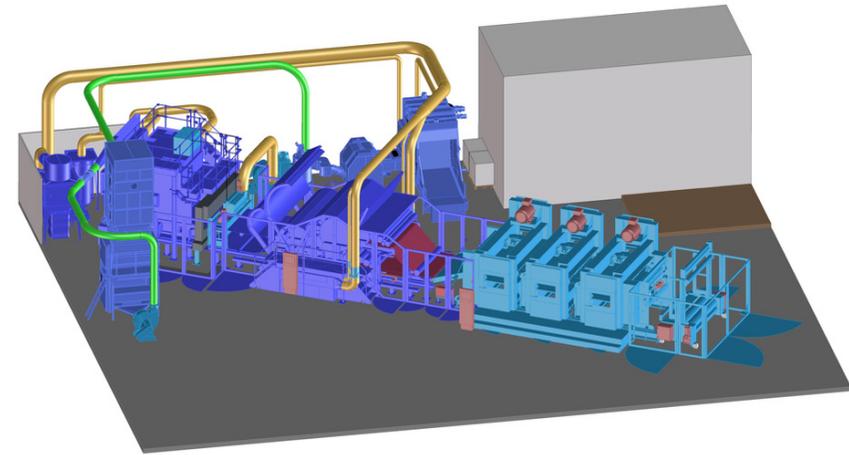
## Energy Savings with DiloWatt and MicroPunch

The efforts of DiloGroup to achieve a greater degree of sustainability and to reduce energy consumption of complete lines, has placed special emphasis on the system “DiloWatt” to reduce the drive power used for pneumatic fibre transport and for the complete air supply of the lines including suction and filtration.



### DiloWatt

In addition, the development of “MicroPunch” intense needling technology to produce needled lightweight nonwovens for hygiene, medical applications and apparel has advanced. It has become clear that the reduction in energy, gas and water consumption as costs rise will play an important role, and that the evaluations of economic efficiency between needling and water entangling are becoming more positive for this intense needling technology.



Plan MicroPunch Line at DiloGroup booth ITMA 2023

We hope that war in Ukraine will soon end and wish all customers and friends of our company a Happy New Year, good health and good fortune.

Johann Philipp Dilo

**DILOGROUP**  
ENGINEERING FOR NONWOVENS

DiloGroup  
P. O. Box 1551  
69405 Eberbach / Germany  
Phone + 49 6271 940-0  
www.dilo.de • info@dilo.de