An investment in a Dilo line is a solution for highly advanced production needs for a fulfilment of high quality requirements



Johann Philipp Dilo
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1. What are the strengths of your company?

   Dilo machine company was founded in 1902. Ownership and management has always been within the family and contributes to a quick decision making and fast responses to opportunities and risks of all sorts by the entrepreneurial guidance. This characteristic of the DiloGroup structure as a family-owned midsized business with long traditions is typical for German specialists in the machinery business.

2. What are the reasons for the successful international position of your company?

   The basis of our success as a market leader in the field of complete lines and machines for fibre preparation, webforming including carding and crosslapping as well as needlepunching are at one hand the innovations and inventions to provide production solutions for new nonwoven materials and on the other hand our mature industrial solutions which have a proven record of quality, reliability and productivity which is related to low consumptions of fibre for a particular application and technological requirement, low energy consumption, a high throughput rate measured in kgs/h and a high efficiency in running our complete lines in an automated process

mode. Additionally ready available service from highly competent and experienced technicians and a quick supply of spare parts on short notice.

Dilo is present globally in the important markets through own subsidiaries, sales and service stations as well as through a network of agents and representations.

3. How can the international nonwovens industry benefit from your technology?

   An investment in a Dilo line is a solution for highly advanced production needs for a fulfilment of high quality requirements of the textile product as well as the machine installation. This investment pays off particularly in the long run when for years and decades there is full service of the machine or complete line installation where state-of-the-art features provide an economic output with a low consumption of spare parts, maintenance and service time. All in all, whenever a leading position as a supplier for nonwovens is in the focus, a prerequisite for a high quality standard of the production line is needed. Furthermore, Dilo is not only inventing new machinery but also an innovative leader for the development of textile product features which are provided through our Textile Research and Application Center. Here new lines are tailored for the various application requirements and especially engineered together with the customer. In our research and demonstration center also particular fibres are tested and enable Dilo to adapt the machinery features to the required purpose.

4. Which technologies are likely to become more important in future?

   The needling technology is per se a very energy efficient production method with low energy consumption per kilogram of material. It is clear that the requirement for sustainable textile products will play an ever-increasing role for textiles and nonwovens. The recyclability of fibre and fibrous products will be crucial in the near and long-term future. Our webforming and needling technology is available for all sorts of fibre, be it man-made or natural and is therefore well prepared to grant an industrial tool for all short, medium and long term developments of the preferred type of fibre and its ecological use. The relatively low energy consumption degree per kilogram of product through the needling process is an additional, very favorable potential of our main technology. With needling and its particular modern outlook in the direction of “Intensive Needling” and “MicroPunch”, our Dilo developments, there is a good possibility that also very lightweight nonwovens will be needled in the near future and benefit from low energy consumption and a low carbon footprint.

5. Which are the most promising present and future markets?

   So far, our most important markets for our machinery and complete line business worldwide is China, USA and Europe as a whole with a strong basis of our German market included. Dilo has opened its subsidiary in India for sales and service in 2018 in Gurugram near Delhi in order to prepare for higher demands in the textile industry of India where we have been successful so far but where we also expect more growth in the mid to long term future. This will be related to special segments of the

nonwovens industry as for example geotextiles, housing and roofing, automotive products as well as medical and hygiene products for personal care. So we are well prepared for future requirements and demands and the high potential of India as a whole.

J. P. Dilo