PLEVA products are developed and produced to enable an optimized and efficient production

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1 Present Status of PLEVA?

PLEVA is a leading company for sensors and control systems in the textile industry with over 50 years of experience. We support our customers worldwide to improve their production towards cost-efficiency, better quality, reliability, energy-efficiency and sustainability.

2. How is PLEVA is adding 4.0 in its product portfolio?

Our sensors are Industry 4.0-capable, which means that they can be integrated and evaluated in higher-level systems. For instance, with the new modular process control system PLEVATEC smart, all critical data can be collected and optimal controls can be realized. All set-values, tolerances and parameters can be saved and loaded within the integrated recipe management system. The scaleable packages provide solutions to a range of different finishing and drying processes, e.g. on a stenter frame.

3. PLEVA strategy in case of sustainability and innovation?

All of the PLEVA products are developed and produced to enable an optimized and efficient production. Therefore, all products have an direct impact on sustainability and help to achieve a greener production of our customers. The impacts of our products are for instance:

- Saving energy and CO_2: Industrial processes are usually very energy-intensive. By setting the optimum process parameters using our sensors and control systems, a considerable amount of energy and thus CO2 can be saved.
- First-Time-Right-Principle: Adjustments or even rejects are very cost-intensive and unnecessarily consume valuable resources. Our process control systems enable us to produce the desired end product directly.
- Reduce chemical usage: Coating, dyeing and finishing processes often require valuable chemicals. These should therefore only be used in the necessary quantities in order to keep the environmental impact as low as possible. This makes recording and process optimization essential. In addition, the wastewater load can also be reduced in this way.

4. How do you see future trends in case of technology?

Technology will need to fulfil more and more needs of various areas such as: an intuitive and easy “Plug & Play”-handling for the operators, sustainable solutions for the environment, efficiency-increases for the management and intelligent data

handling for more transparency of processes. All those needs have to be met by the individual products. This is why we include those functionalities in each of our sensors and control systems.

5. How do you see PLEVA after next 5 years?

   We perceive ourselves as an enabler and long-term partner of our customers supporting the textile producers achieve their goals. This is why we want to strengthen this position in the global textile market in the next years. After the next 5 years, we have achieved sustainable solutions for our customers worldwide. By this, we made a great impact towards an ecological but also economical textile production.

6. PLEVA participation in exhibitions for the year 2022?

   INLEGMASH-EXPO (Moscow), ICE Europe (Munich), Techtextil North America (Atlanta), ITM (Istanbul), Febratex (Blumenau), India ITME (Noida)