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Predictive maintenance secures production processes in the fiber industry

SCHWING Technologies with thermal cleaning solutions at ITMA 2019

The production of textiles and clothing will be the focus of this year's ITMA 2019 in Barcelona. From June 20 to 26, 2019, the German specialist SCHWING Technologies will be presenting thermal cleaning solutions for polymer-contaminated production tools. In hall 7 / booth C120, SCHWING experts, Managing Director Thomas Schwing and Head of Sales Virgilio Perez Guembe, will inform about the potentials and advantages of the systems and cleaning shops of the German technology leader. The company has been an internationally successful specialist for polymer removal for 50 years. Since the beginning of 2019, American and Canadian customers have also benefited from the service and advice of US-experts SCHWING North America Technologies, based in Princeton, New Jersey.

Thermal cleaning processes for machine parts

The energy-efficient, environmentally friendly and fully automatic systems, VACUCLEAN and INNOVACLEAN, guarantee residue-free cleaning results. Upon request, SCHWING can expand these systems with additional post-treatment units. "The easy-to-install systems remove any polymer residues from production tools reliably and gently", emphasizes Thomas Schwing, Managing Director of SCHWING. These include spin packs or spinnerets, filter discs or filter bundles as well as melt-blown and spunbond dies with lengths of up to six meters. The advantages for the producing technical textile and clothing industry are shorter machine downtimes and a longer service life of the cleaned parts.

Predictive maintenance secures production processes

In order to save time and costs, predictive maintenance also plays an increasingly important role in thermal cleaning. With immediate effect, the German specialist is equipping all new SCHWING systems with components that support predictive maintenance of the systems. This includes components such as new fault reporting concepts, an internal data link for data mining and digital plant documentation in a SCHWING cloud. "We attach great importance to predictive

maintenance," says Virgilio Perez Guembe, pointing out that all equipment relevant data is written down and recorded during the process. Customers benefit from the electronically generated equipment documentation, which guarantees uncomplicated use of the data. "Our in-house Windows app SCHWING DataAnalyser helps to evaluate this data, to check the system and thus supports the predictive maintenance of the systems," explains Perez Guembe. On request, SCHWING can modernize older systems for customers at its headquarters in Neukirchen-Vluyn.

Keywords: ITMA 2019, Thermal Cleaning, Polymer Removal, Tool Cleaning, Machine Part Cleaning, Fiber Industry, Predictive Maintenance

Further information: https://www.kunststoff-entfernung.de/en/this-is-how-we-clean.html



Photo: Thomas Schwing, Managing Director of SCHWING Technologies
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Photo: Virgilio Perez Guembe, Head of Sales at SCHWING Technologies
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Photo: SCHWING fluidized bed system INNOVACLEAN
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SCHWING Technologies

SCHWING Technologies has been operating for 50 years and is the worldwide technological leader for high-temperature systems for thermal cleaning, thermo-chemical finishing and heat treatment of metal parts and tools. The owner-managed company designs, manufactures, and operates systems at its headquarters in Neukirchen-Vluyn in Germany's Lower Rhine region. Built upon the achievements of German engineering, the medium-sized business is globally the best-known specialist in the removal of plastics. Among SCHWING's approximate 2,500 international clients are companies from the plastics and fiber industries, as well as from the chemicals and automobile sectors. For every cleaning need, the company with its approximately 80 employees offers the most economically, ecologically and qualitatively best technology and cleaning solution. SCHWING is also a reliable service partner for contract cleaning by processing more than 250,000 tools and parts each year to the highest environmental and qualitative standards. So far, there has not been a single component that we have not been able to free from polymers and inorganic contaminants, confirm the three managing directors Ewald Schwing, Thomas Schwing and Alfred Schillert. Founded in 1969, the company celebrates its 50th anniversary in 2019 and opened SCHWING Technologies North America Inc., a new sales company in the USA, this year.