

Press release

Neukirchen-Vluyn (Germany), 1 June 2023

## **SCHWING Technologies at ITMA 2023 in Milan – Thermal cleaning solutions for polymer-contaminated production tools**

ITMA is a gathering of key decision makers from the world's leading textile and clothing manufacturers.

From June 8 to 14, 2023, the German specialist SCHWING Technologies will present thermal cleaning solutions for polymer-contaminated production tools. At booth H1-B210 of Fiera Milano, the SCHWING experts will present insights into the potentials and advantages of the thermal cleaning systems and cleaning equipment of the German technology leader.

### **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.

A typical field of application for VACUCLEAN systems is the removal of plastics from tools and machine parts. In the plastics and recycling industry, this includes in particular laser filters, filters and granulating nozzles and discs as well as die plates or extruder screws. **With Schwing's environmentally friendly, energy-efficient and effective systems, all plastics and recyclates can be removed quickly, safely and cost-effectively.**

Keywords: ITMA 2023, Thermal Cleaning, Polymer Removal, Tool Cleaning, Machine Part Cleaning, Fiber Industry, Predictive Maintenance



Photo: Thomas Schwing, Managing Director of SCHWING Technologies

Photo credit: SCHWING Technologies

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Photo: Virgilio Perez Guembe, Head of Sales at SCHWING Technologies

Photo credit: SCHWING Technologies

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## Photos



Photo: SCHWING vacuum pyrolysis system VACUCLEAN

Photo credit: SCHWING Technologies

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Photo: Filter bundles before cleaning

Photo credit: SCHWING Technologies

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Photo: Filter bundles after cleaning

Photo credit: SCHWING Technologies

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### **SCHWING Technologies**

SCHWING Technologies has been operating with more than 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 100 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.

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

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