

Press release

Neukirchen-Vluyn (Germany), 29.02.2024

## "Engineering solutions for a sustainable world"

Since 2020, UNESCO has been celebrating World Engineering Day for Sustainable Development. In this way, awareness of the role of technology in modern life is to be raised every year on March 4. The sustainable developments to mitigate the effects of climate change are becoming increasingly important, as this year's slogan "Engineering solutions for a sustainable world" confirms.

### Special requirements due to polymer recycling

New plastics and composites have been attracting particular attention in the plastics industry for some time now. Due to their innovative material properties, such as particular hardness and resilience combined with low weight, they can replace existing steel elements and components. However, these types of plastics place special demands on polymer recycling and the cleaning of contaminated production and processing tools.

SCHWING Technologies has been developing, producing and operating innovative systems for thermochemical and thermal applications for more than 50 years. The environmentally friendly and energy-efficient thermal removal of plastics has also been the focus of machine and plant engineering since the company was founded in 1969 - "green solutions" are also becoming increasingly important here.

### Extending the lifespan of tools - increasing productivity

"We are seeing more and more production companies deciding to operate their own recycling plants as a result of growing amounts of waste and the increasing shortage of raw materials - especially in the plastics processing industry," says Virgilio Perez Guembe, Sales Manager at SCHWING Technologies GmbH.

"Clean and intelligent technologies 'Made in Germany' are more in demand here than ever: our cleaning systems in the extrusion, injection molding, man-made fiber and nonwoven production sectors are absolutely environmentally friendly and work gently on parts and without the use of any chemical substances. This significantly increases the lifespan and service life of tools and thus increases the productivity of the entire production line," explains Perez Guembe.



Virgilio Perez Guembe, Sales director Schwing Technologies  
Picture credits: SCHWING Technologies

### **About Schwing Technologies**

Schwing Technologies has been operating for over 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. Managing directors are Ewald Schwing, Thomas Schwing and Alfred Schillert. 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 one of the world's best-known specialists in the removal of plastics. Among Schwing's approximately 3,000 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.

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