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Press release

New Type 1-ECO Filament Winding Machine of

Roth Composite Machinery

for smallest batch series and manual production

Steffenberg. For manual production cells in the field of filament winding technology, Roth Composite Machinery developed the new machine Type 1-ECO. It is the standardised version of the gantry-type Filament Winding Machine being the most successful tailor-made machine on the market offered by the manufacturer from Steffenberg. For Roth, this is an entry into the series production of Filament Winding Machines.

The Type 1-ECO machine is equipped with all essential basic functions and offers particularly cost-conscious newcomers in the filament winding technology the attributes robustness, durability and precision Roth is known for. The new machine is convincing with its modular concept of up to four spindles. A maximum of four winding axes and two length variants (4,000 and

10,000 millimetres) are configurable. Each spindle is driven separately and thus, a simple and cost-effective retrofitting is enabled.

The company expands its machine program with this machine type. Bernd Fischer, Sales Director of Roth Composite Machinery, declared: "The new machine is complementing our product range in a meaningful manner. Due to its unique flexibility, our customers have the possibility to extend the machine cost-efficiently and can adapt it to increasing demands. The machine grows with new production requirements and individual tasks."

Besides standardised machines, Roth also delivers complex plants with highest degree of automation far beyond the usual state-of-the-art technology. Production lines of Roth Composite Machinery achieve success with short installation times and ensure a fast start of the production. The manufacturer has been developing, planning and producing Filament Winding Machines for more than 50 years and has almost 30 years of experience in the development of fully-automated plants in this sector.



Image capture for file RCM_FW-Eco.5.jpg

The newly developed Filament Winding Machine Type 1-ECO of Roth Composite Machinery is a cost-efficient model for small series as well as manual production processes, that is for applications comprising a low product complexity or for the entry into the field of filament winding technology.

About Roth Composite Machinery

Roth Composite Machinery is an expert in the field of special machinery construction – the company develops, designs and builds components, machines as well as complete production lines in the business areas

- Filament Winding & Prepreg
- Pleating & Coating
- Brushes & Brooms

About Roth Industries

Roth Industries GmbH & Co. KG comprising various firms and around 1,300 employees all over the world is one of the most innovative companies in the areas

- Building Solutions - Divisions: Energy Systems, Sanitary Systems, Environmental Systems
- Industrial Solutions – Divisions: Composite Technology, Plastic Technology, Hydraulic Technology

The head office of the medium-sized traditional company is located in Dautphetal, Hesse. While the company's strategic direction, the controlling, auditing as well as the balance and financial planning is effected from there, the local employees are responsible for the development, production and marketing of the products.

28 production and sales companies of Roth Industries are acting all over the world - in core segments as world market leader.

Roth Industries bundles all activities of the companies belonging to the group in Germany and abroad. The company is owned by the Roth family to 100 %.

Competence in
● energy ● water ● plastics

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