

**From simple to complex**  
Innovation as a concept

**Roth**  
Composite Machinery

- > Innovative solutions
- > Flexible machine concepts
- > Top quality

A detailed close-up photograph of a brush-making process. A wooden brush handle is being held by a complex metal machine. The brush's bristles are being processed, with some fibers appearing to be cut or shaped. The background is a blurred industrial setting with blue and grey tones.

 Roth Composite Machinery  
**Brushes & Brooms**

# Roth Composite Machinery – Brushes & Brooms

Individual proficiencies in individual and local manufacturing



## ■ Specialist skills for the highest requirements and versatile applications

For almost 100 years, Roth Composite Machinery has been supplying production machines for the brush industry from its Brushes & Brooms (formerly SCHLESINGER) business field. There is hardly a country in the world that doesn't have any of our machines from Burgwald.



Roth Composite Machinery's machines are successful wherever high performance, low maintenance and a high level of versatility are demanded – and this has been the case for many years. Every machine represents a tribute to our specialist competence, optimal product quality and worldwide experience. Roth Composite Machinery is one of those companies that combines innovative engineering work, high-performance and robust machines together with top class service.

## ■ From initial idea to the finished machine

There are many good reasons for our success. One of the most important is the individual customized solution that always focuses on the requirement profile of the respective customer, according to Roth Composite Machinery's motto, which has been valid for many decades: "The customer doesn't just receive any machine; the customer receives his machine."

This is why communication with customers takes top priority. Springing from this dialogue, we develop machines which are advanced, high-performance, durable, versatile, and therefore easy to use and to maintain.





■ **Quality and love of detail**

Every machine from Roth Composite Machinery represents a tribute to our specialist competence, optimal product quality and worldwide experience. Our dedication to the highest quality is not an end in itself; it is the foundation of success for our activities.

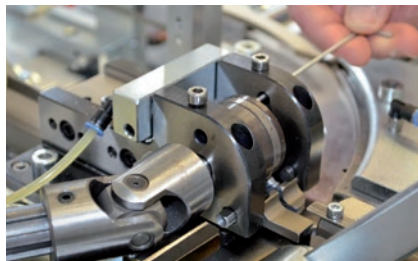
But how do we create this quality? It springs from a variety of characteristics such as outstanding workmanship, a love of detail and sustained reliability. At Roth Composite Machinery, the technical quality requirements regarding product safety and quality checks go far beyond the standard requirements and norms.

■ **Pioneering spirit and visionary entrepreneurship for the products of tomorrow**

As an innovative partner of the international brush industry, Roth Composite Machinery has been developing creative concepts for both individual customized solutions and entire manufacturing processes.

In-house developed innovations include the RoAn technology that increases machine performance by 25 percent as well as carousel machines and special machines for technical brushes.

There are always three determining factors: the requirements of the market, durability plus lightness, and ease of use.



**The machine program for the brush industry**

- > Universal machines
- > High-efficiency machinery
- > Cutting units
- > Special designs according to the customer's requirements
- > Devices and assembly systems for the brush industry

# Brushes & Brooms

## Machine program

### ■ Universal machines U-BFA

- > Huge flexibility
- > High availability
- > Fast changeover and adjustment
- > 4 or 5 CNC axes and 1 or 2 drilling stations available
- > Intuitive frame change
- > Capable of manufacturing all brush types



### ■ High-performance carousel machine BFK

- > High output
- > Optimized carousel turn time
- > Maximum availability and process reliability
- > 3, 4 or 5 CNC axes available
- > Dust-protected drives
- > Available with automatic block feeding and integrated trimming machine



### ■ Trimming machine AAM/TK

- > Excellent trim quality
- > Modular configuration of cutting devices
- > High output
- > Trimming and cleaning modules suitable for the specific applications
- > Optimal flagging results provided by innovative cutting blade arrangement



# Brushes & Brooms

## Machine program

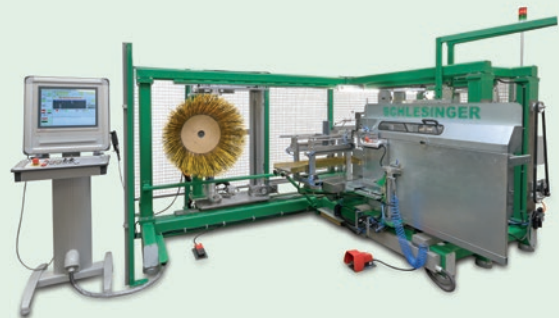
### ■ Roller brush machine WA-BFA21

- > Available with 3, 4 or 5 CNC axes
- > High flexibility offered by short changeover
- > Highly efficient manufacturing of all roller brush types
- > Customized machine design
- > Frames for strips, plates and disk brushes available



### ■ Disc brush machine VP-BFA11/E4-T

- > Available with 4 and 5 CNC axes
- > High flexibility offered by short changeover
- > Highly efficient manufacturing of all disk brushes
- > Customized machine design
- > Available in horizontal or vertical design



### ■ Customized special solutions and automation to meet customer needs

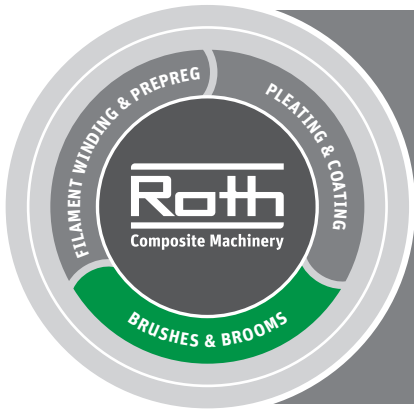
- > Automated product feeding
- > Handling robots with vision system
- > Integration of assembling and processing steps
- > Labeling



### How you benefit from our machines

- > Especially low-wear movement processing natural fibers
- > Longevity and reliability thanks to simple, robust machine construction
- > User-friendly, low-maintenance, and easily accessible
- > Availability mechanical spare parts over 50 years
- > Individual contact person in the service department
- > Optional heavy-duty design available for large hole diameters and/or long strokes

Detailed information on our brush and broom machines can be found at [www.roth-composite-machinery.com](http://www.roth-composite-machinery.com)



## Roth Composite Machinery

### Divisions

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

### Technical expertise

- > Sophisticated and innovative technology
- > Custom solutions
- > Stable, process-robust equipment
- > Durable, easy-to-maintain machines

### Consultation and service capabilities

- > Dependable contacts
- > Experience and application know-how
- > Global service
- > High availability of spare parts

## Roth Composite Machinery a reliable global partner

### ■ Customer satisfaction is our touchstone – trust needs to be earned

A partnership-based approach, comprehensive industry knowledge and many years of experience with solutions to demanding tasks; all of these provide the basis for the trust that customers have placed in Roth Composite Machinery Brushes & Brooms for decades.

The know-how possessed by our mechanical engineering experts consists of being able to listen, think analytically and develop complete, customer-specific solutions with new technology. This not only generates trust, but also satisfaction...

Choosing a machine from Roth Composite Machinery means choosing the best quality. If a problem does ever occur, however, you can rely on the global service offered by Roth Composite Machinery Brushes & Brooms – no matter where you are.

### Roth Composite Machinery Brushes & Brooms

- > High flexibility
- > Sophisticated and innovative technology
- > Identification with own products
- > Tailored, custom solutions
- > Solid technology and high reliability
- > Stable and durable machines
- > Fast and un-bureaucratic service
- > In-depth, customized consultation

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