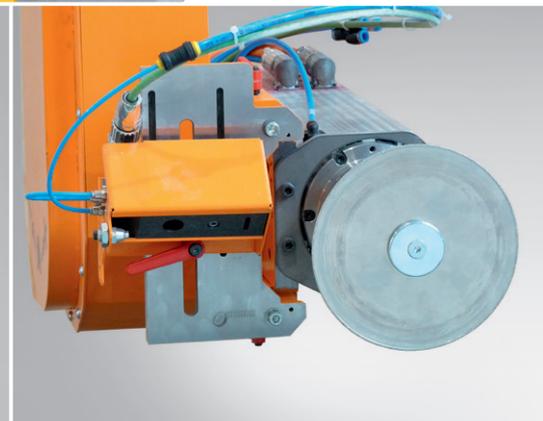
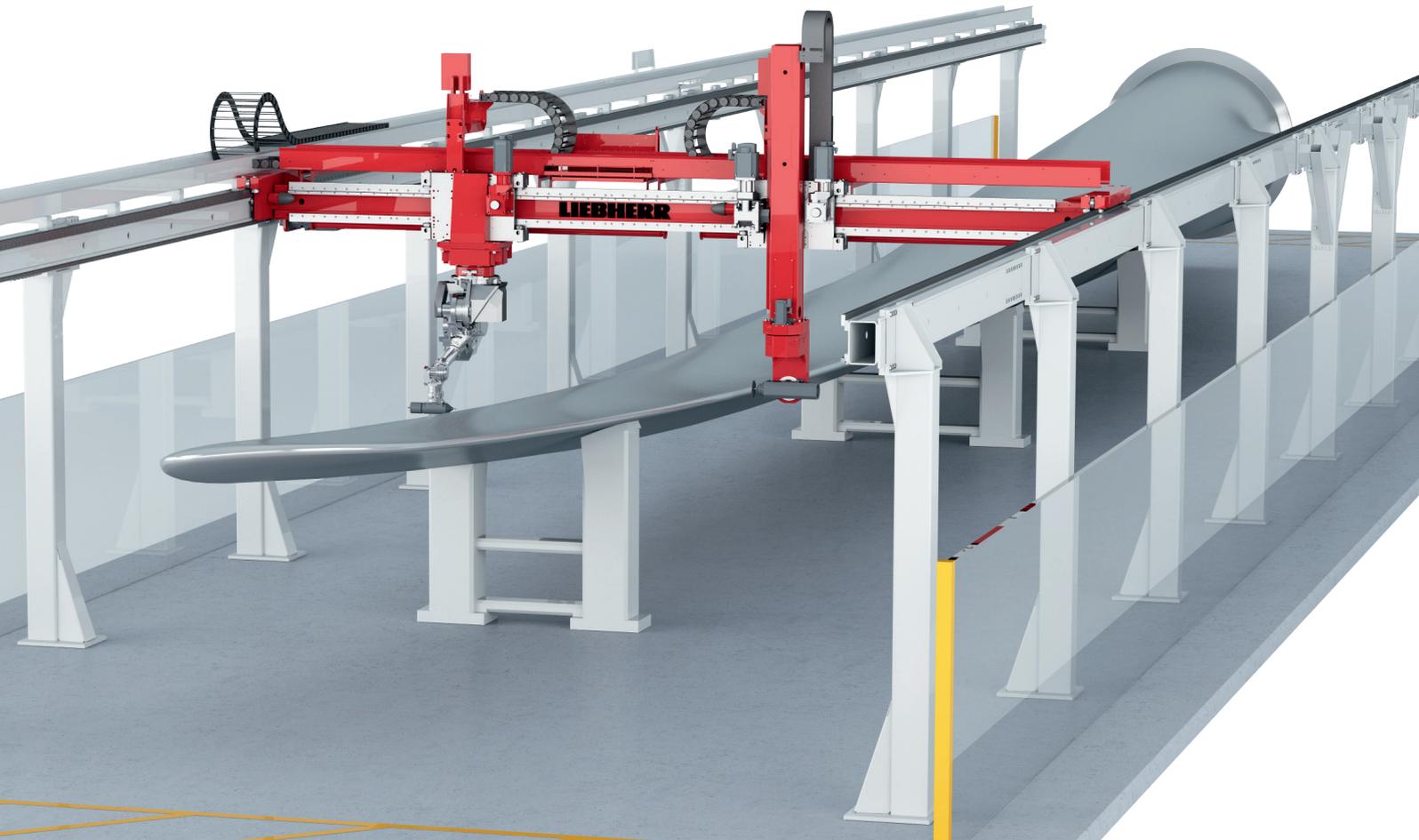


Wind Turbine Rotor Blade Manufacturing with Liebherr Automation Systems

Liebherr offers the latest automation technology for efficient manufacturing of wind turbine rotor blades of up to 60 meters length, optimizing the entire material flow. Features are:

- Automated trimming of rotor blade components
- Automated polishing of rotor blade surfaces
- Automated positioning and laying of pre-cut glass and carbon fiber sheets

Liebherr automation systems allow large cost and time savings compared to the high level of manual labor in current non-automated wind turbine rotor blade manufacturing processes. Solid quality and proven components ensure a high availability.



LIEBHERR

The Liebherr Group of Companies



Wide Product Range

The Liebherr Group is one of the largest construction equipment manufacturers in the world. Liebherr's high-value products and services enjoy a high reputation in many other fields. The wide range includes domestic appliances, aerospace and transportation systems, machine tools and maritime cranes.

Exceptional Customer Benefit

Every product line provides a complete range of models in many different versions. With both their technical excellence and acknowledged quality, Liebherr products offer a maximum of customer benefits in practical application.

State-of-the-art Technology

To provide consistent, top quality products, Liebherr attaches great importance to each product area, its components and core technologies. Important modules and components are developed and manufactured in-house, for instance the entire drive and control technology for construction equipment and mining trucks.

Worldwide and Independent

Hans Liebherr founded the Liebherr family company in 1949. Since that time, the enterprise has steadily grown to a group of more than 120 companies with over 35,000 employees located on all continents. The corporate headquarters of the Group is Liebherr-International AG in Bulle, Switzerland. The Liebherr family is the sole owner of the company.

www.liebherr.us