



echeuch
LIGNO

SURFACE TECHNOLOGY SELAS+

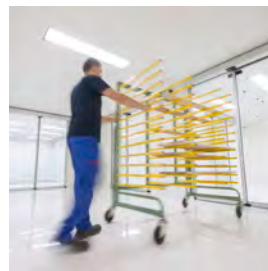
WOOD

SURFACE TECHNOLOGY SERVICES

Our know-how for your company

ANALYSIS

- Together with you, we analyse
 - YOUR processes
 - YOUR products
 - YOUR requirements
- Your future is our inspiration



SYSTEM DESIGN

- Optimized material transport
- Optimized preparation, grinding, coating and drying processes
- Efficient extraction and dedusting
- Economical energy systems



DEALING WITH THE AUTHORITIES

- Creation of system and zone plans
- Emissions calculations for visits to authorities
- Individual system descriptions
- Support when discussing with authorities



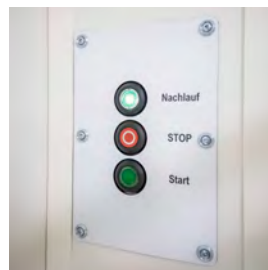
TURNKEY SYSTEMS

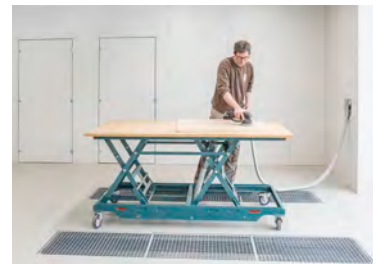
- Precise system construction from a single provider
- From delivery right through to the start of production
- Cabling and control cabinet construction included
- Plug & play



AFTERCARE AND SERVICE

- Operator support after system hand-over
- Service and maintenance of all components
- Spare parts service





THE COATING PROCESS BEGINS BEFORE THE PAINTING STAGE

SELAS+ SURFACE TECHNOLOGY MASTERED WITH PERFECTION

Grinding tables | Grinding booths

Grinding tables

Scheuch LIGNO grinding tables capture dust at the point where it is generated. As a stand-alone solution or in combination with central extraction systems, the grinding tables guarantee ideal conditions when processing any workpieces. To enhance functionality and ergonomics, the grinding table can be equipped with a work surface which can be pivoted infinitely. The ability to adapt the workpiece inclination to the grinding processes in question (surface, transverse edges or longitudinal edges) makes the work much easier.



Grinding booths

Scheuch LIGNO grinding booths are easy to operate and service, and boast an attractive design. They feature highly efficient cartridge filters with a patented Scheuch impulse cleaning system, plus a fan and control components. The supply air ceiling ensures targeted guidance of the air flow in the booth and employee area, while the top-down principle moves the dust-laden air efficiently to the extraction openings. Recessed ceiling

OUR SOLUTIONS AT A GLANCE:

- Overhead grinding booths
- Underfloor grinding booths
- Infinitely pivotable and fixed grinding tables
- Decentralized dedusting
- Central systems for machining centres



ling lights guarantee ideal conditions at the workstation. The Scheuch LIGNO Powerbox controls the system and the lighting, and supplies the grinding booth with compressed air and power. Extraction connections for mobile grinding devices can also be connected to the Powerbox.

Painting | Drying

Painting systems

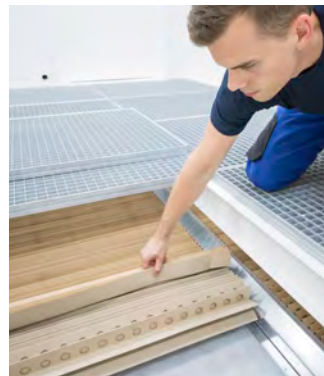
Clean surfaces are essential for long-term customer satisfaction. Work processes and production steps must be meticulously planned and high quality requirements and standards must be met. Scheuch LIGNO has all the expertise you need and will work with you to create the perfect environment for your painting system.

We will focus on cost-effectiveness while also prioritizing your employees, the environment and the applicable legal framework in order to create the perfect painting system for your needs.



OUR SOLUTIONS AT A GLANCE:

- Painting booth construction, including for high-gloss quality
- On-floor extraction / extraction walls
- Underfloor extraction / floor pits
- Modular and multi-stage filter systems
- Complete solutions



Drying rooms

With their ability to improve quality and shorten cycle times, drying rooms and drying booths are essential for modern coating processes. Scheuch LIGNO takes into account economic and ecological factors when building its drying systems and adapts the drying stage to the overall process. Depending on the coating in question – whether it involves water-based or solvent-based paints – the system is optimized with regard to temperature, humidity and air volume control.

OUR SOLUTIONS AT A GLANCE:

- Drying booths, drying rooms
- Continuous dryers
- Infrared dryers
- UV drying



PERFECTION CANNOT BE TAKEN FOR GRANTED



THE DETAILS MAKE ALL THE DIFFERENCE

Ventilation technology | Booth construction

OUR SOLUTIONS AT A GLANCE:

- Energy-saving mode thanks to intelligent controls
- Energy recovery systems
- Heating and cooling systems
- Highly efficient fans
- Humidification and dehumidification systems
- Infinitely variable air volume control
- Exhaust air cleaning by means of multi-stage filtration

Ventilation technology

Scheuch LIGNO will design a ventilation system that is perfectly tailored to your requirements. Accurate dimensioning of the system will influence not only the investment costs, but also the operating costs. Intelligent controls ensure that recovery systems and energy-saving circuits can be used in a meaningful way – without affecting the coating process.

Booth construction

The better the coating environment, the better the painting results will be. The high-quality, standardized modular system from Scheuch LIGNO allows for a broad spectrum of booth sizes – in the case of freestanding booths as well as solutions that are adapted and built into the angular spaces and designs of existing structures. A rapid and smooth flow of materials plays a key role in Scheuch LIGNO's design philosophy. Transport openings for the items to be painted can be accommodated on an individual basis – and actuated either manually or automatically.



OUR SOLUTIONS AT A GLANCE:

- Customized booth construction
- Flame-resistant and heat-insulating construction materials
- Doors and gates with and without automatic drives
- Window elements as required
- Flush lighting fittings, including with LED technology (ATEX zone)
- Freestanding booths
- Booths adapted to existing structures



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