Best Practice

Efficient cleaning for the furniture industrie

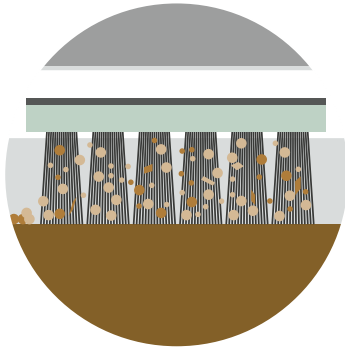
Surface Cleaning Technology

WANDRES

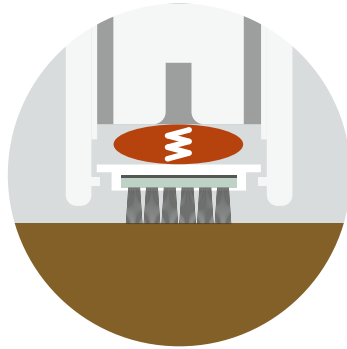
Clever cleaning technology

High-performance cleaning without cleaning agents
The fine micro filaments offer a particularly large contact surface and a special deep-cleaning effect that thoroughly removes even the finest dust particles. A self-cleaning unit regenerates the linear brushes for continuous industrial operations. Particles are removed from the brush and transported to the suction system.

The circulating linear brushes are mounted flexibly on top of a pressure buffer, which compensates surface variations. The filaments stay in perfect contact with the surface. The Trans-Vac-Unit TKLO 46 serves as an optional pre-cleaning device and absorbs larger particles. It ensures a clean production environment and disburdens the brush cleaning process.



Micro filaments



Pressure buffer

Trans-Vac-Unit TKL 46

Furniture panels with spotless surfaces

Innovative Combi Sword Brush Una U 121
Two Sword Brushes clean the upper and lower surface of the panels with special micro filaments without using any cleaning agents.
At the infeed, we recommend installing the Trans-Vac-Unit TKLO 46, which removes large quantities of coarser particles and ensures a clean production environment.

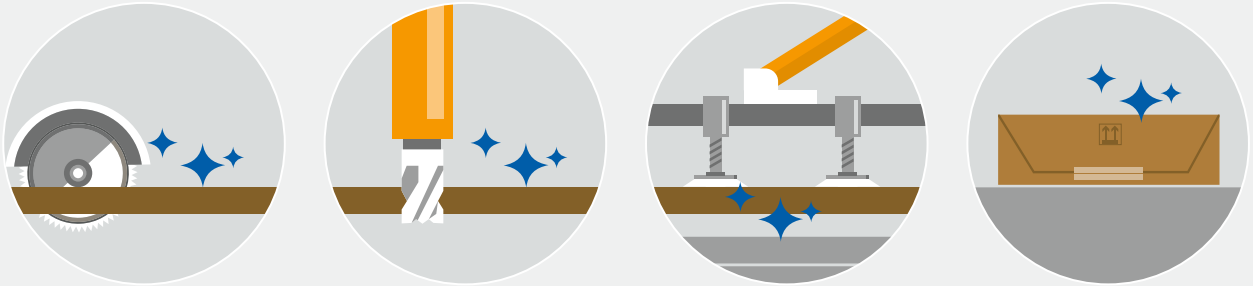
Advantages of cleaning technology
- Effective cleaning with micro filaments
- No cleaning agent needed
- Low invest and operational costs
- Reliable continuous operation 24/7
- Reduction of rejection rates

Combi Sword Brush Una U 121
with Trans-Vac-Unit TKLO 46

Cleaning in mass production

The challenge
During drilling, milling or sawing, large amounts of chips and dust occur. They lead to disturbances in the production process and may reduce the product quality. When parts are stacked, particles are pressed into the surface and may damage it. During transport, particles very often cause scratches on the surface.

The solution
Combi Sword Brushes from Wandres may easily be integrated into new or existing production lines. They provide perfectly clean surfaces within industrial production processes. Cleaning performance is consistently high and particles and dust are effectively removed even in 24 /7 operations.



After processing | After edge-banding | Before stacking | Before packing

The Combi Sword Brush Una U provides excellent cleaning performance in 24/7 industrial production with low investment and maintenance costs.

Scan QR code and watch Video

Surface Cleaning Technology

When particles and dust on surfaces cause flaws and rejects during production, we provide the best cleaning technology. Our machines deliver outstanding cleaning results in 24/7 industrial production and are in action all around the world. We collaborate with an international network of sales and service partners and have a subsidiary company in the USA. At our production site, located close to the city of Freiburg im Breisgau, a team of over 150 employees develops, produces and markets our innovative cleaning machines. More than 80 % of the components for our machines are produced in-house using cutting-edge technology and engineering. A high level of on-site production ensures that we remain independent and guarantees short lead times and high quality standards for our clients.

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