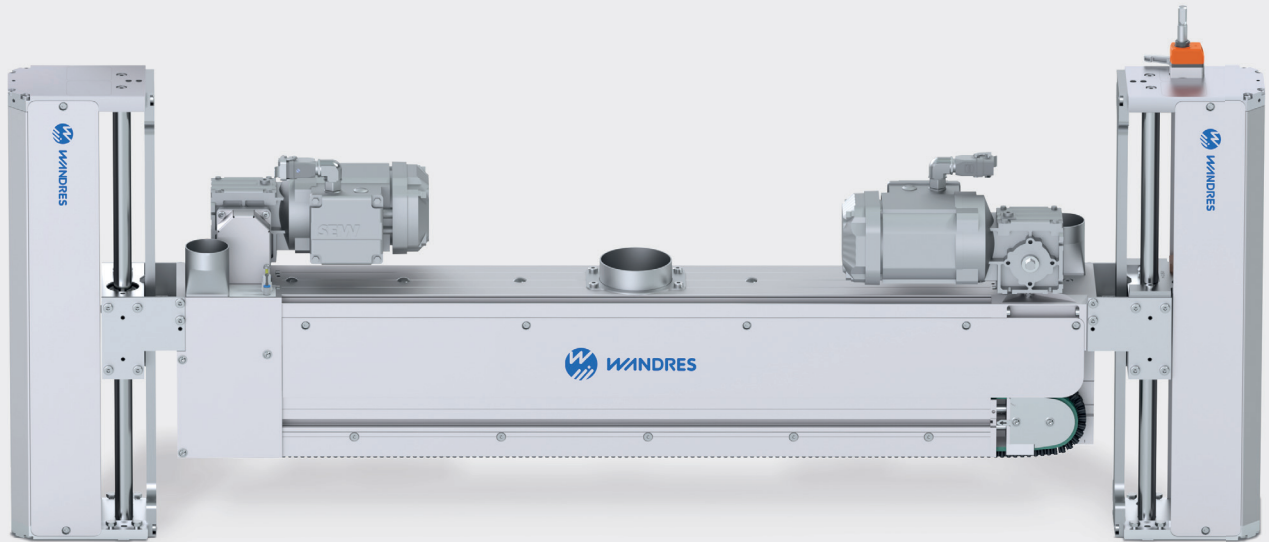


C-Line

Panel Cleaner Fox[®] C



Cleaning of furniture boards and panels
e.g. after sanding or before camera inspection



Pressure buffer



Self-cleaning mechanism



Adjustment frame

Neu:

+ BLAM Cleaning technology

+ Digital brushes that allow air flow

+ Central extraction system

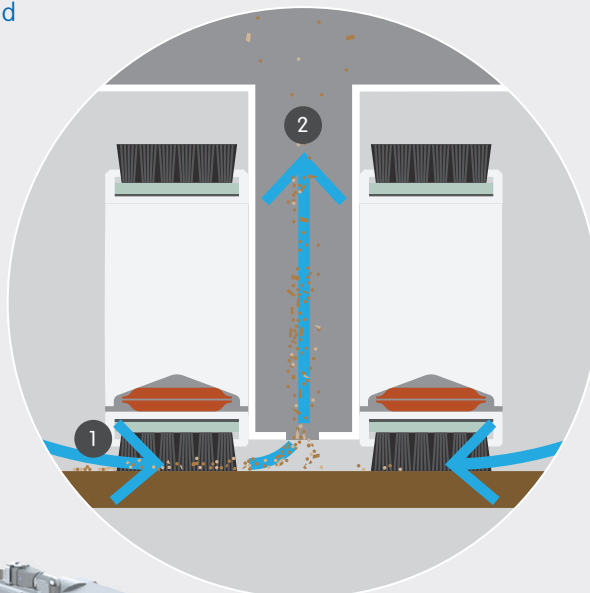
The Fox® Panel-Cleaner with BLAM for maximum cleaning performance

The **Boundary Layer Activation Method** (BLAM in short terms) is unique and registered for patent approval. Digital brushes have defined areas without brush filaments. They activate the boundary layer of the dust particles that adhere to product surfaces thus penetrating the laminar boundary flow. The air flow detaches the particles and propels them to the suction channel between the cleaning modules that absorbs them reliably.

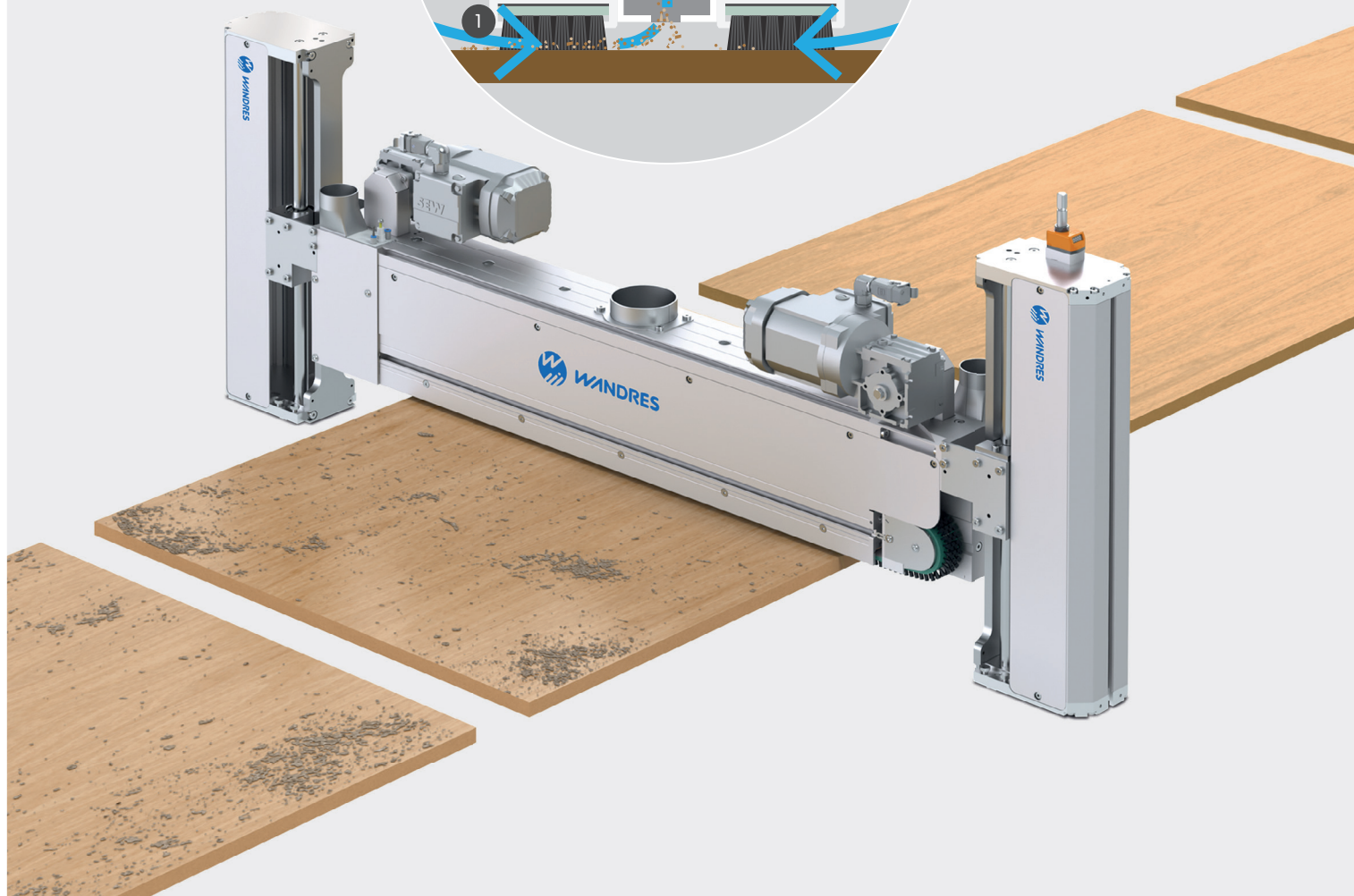
Two digital brushes that wipe in opposite direction and allow an air flow to form are combined with a compact suction device in the centre of the machine. This configuration provides for utmost cleaning performances even with heavily contaminated surfaces. Fox® Panel Cleaners that function with the BLAM technology improve productivity and product quality and reduce necessary cleaning and maintenance activities.



Scan QR code and
watch animation



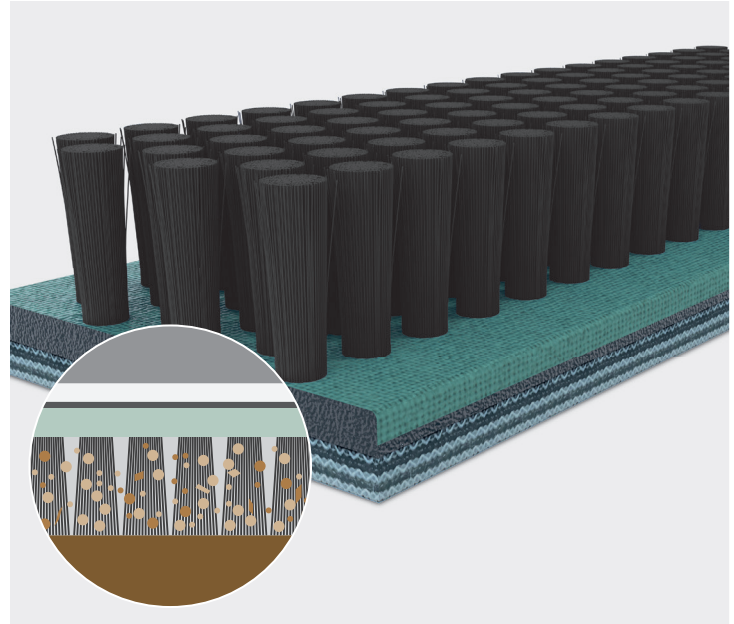
- 1 Air flow
- 2 Central extraction system



Dry in-depth cleaning

Fine micro filaments

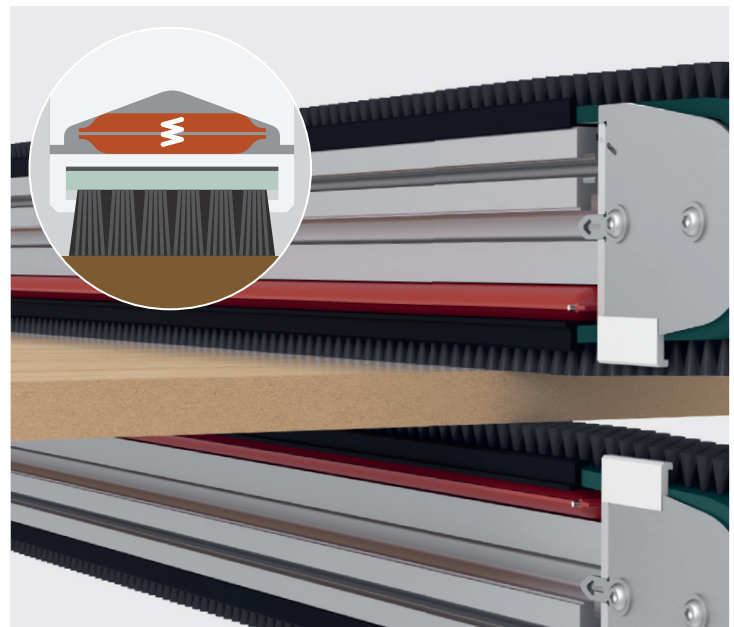
Digital brushes with micro filaments are recommendable if you work with the Fox® Panel Cleaner. Compared with standard filaments, micro filaments offer a substantially larger contact area. They effectively remove particles and dust without the use of cleaning agents. For some challenging applications, however, longer standard brush filaments should be used. It is always possible to switch from one kind of filaments to the other.



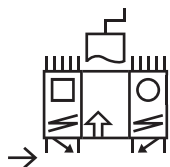
Consistent wiping pressure

Flexible pressure buffer

Linear brushes are mounted flexibly on a pressure buffer. The inside pressure of this pressure buffer is adjustable. This feature provides for a consistent wiping pressure over the entire subject surface. The pressure buffer compensates for any material unevenness or thickness variation that may occur. Brush filaments are in a vertical position in relation to the subject surface. The pressure buffer provides for a consistent high-quality cleaning performance on the entire production surface.



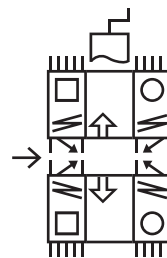
Technical details



Single-sided cleaning

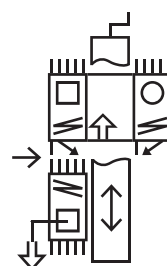
1 x Fox® cleaning module

- 2 Linear brushes (wipe in opposite directions – Counter Wiping),
- Compact integrated central suction system,
- Adjustment frame VEG 25 (Option: electrical height adjustment HVE / pneumatic quick adjustment HVP)



Double-sided cleaning

2 x Fox® cleaning module



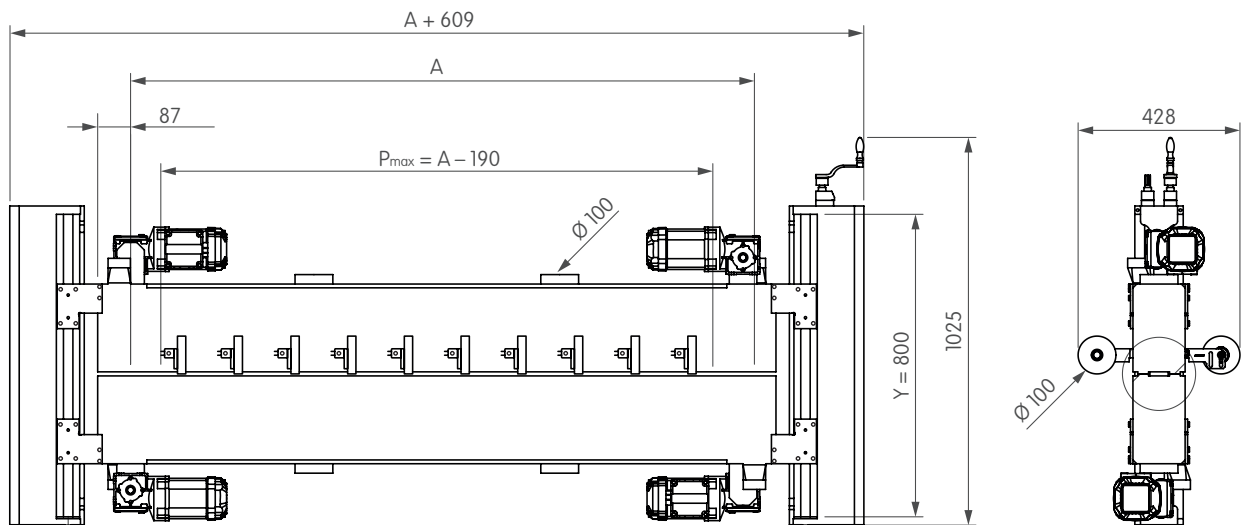
oder:

1 x Fox® cleaning module

1 x Sword Brush®

Dimensions

Dimensions in mm



A Nominal widths in mm

1100 1200 1300 1400 1500 1650 1700 1750 1900 2000 2100 2200 2500

P_{max} max. panel width = $A - 190$ mm

Y Nominal measure of adjustment frame

Technical data*

Sword Brush® drive motor	2 x 0.25 kW SEW motor, IP 54, UL compatible, CSA compatible
Compressed air connection	$\varnothing$ 6 mm plug-in fitting; 6 bar
Total compressed air consumption	10 l/min–50 l/min (depending on nominal width A)
Compressed air quality	Purity classes compressed air ISO 8573-1:2010 [6:4:3] (at 20 °C; 1 bar) filtered ($CP \leq 5$ mg/m ³), dry (pressure dew point ≤ 3 °C), oil-free ($CO \leq 1$ mg/m ³)
Suction Sword Brush®	2 x $\varnothing$ 60 mm; 2 x 360 m ³ /h
Suction channel	n x $\varnothing$ 100 mm; n x 1020 m ³ /h
Number of suction connections n	n = 1 for $A \leq 1200$; n = 2 for $A < 2000$; n = 3 for $A \leq 2500$
Operating parameter	min. – 1000 Pa vacuum
Linear brush	2 x Quadro V6 / R6, Polyamid 6.12; Filament length 12 mm; $\varnothing$ 0.08 mm; (Alternative: 19 mm; $\varnothing$ 0.127–0.2 mm / 32 mm; $\varnothing$ 0.15–0.3 mm)
Transport speed	max. 100 m/min
Min. panel dimensions	$L_{min} = 260$ mm; $P_{min} = 60$ mm
Max. panel width	$P_{max} = A - 190$ mm

* Exemplary values for 1 x Fox® cleaning module. The exact values can be found in the specifications.



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