

Web cleaning provides optimal printing quality

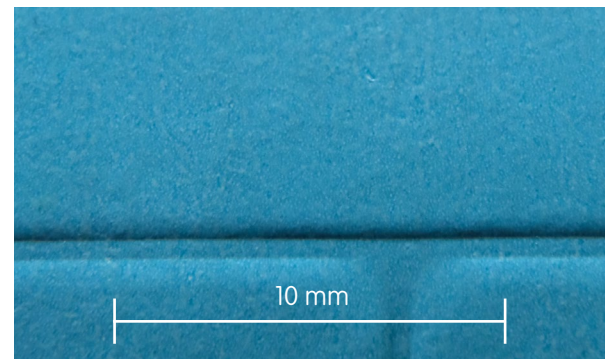
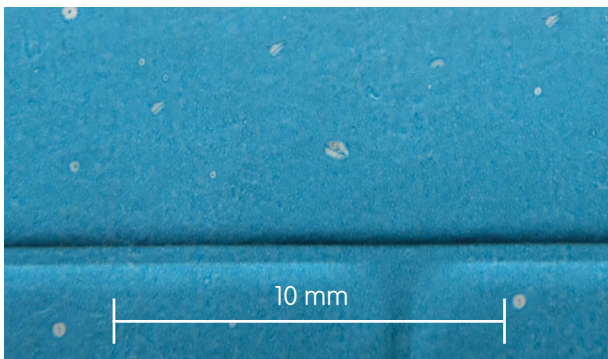


Starting position

- Paper dust causes flaws in the print image
- High web speeds
- Contactless suction system
- Frequent washups of printing rollers
- Costly machine downtime

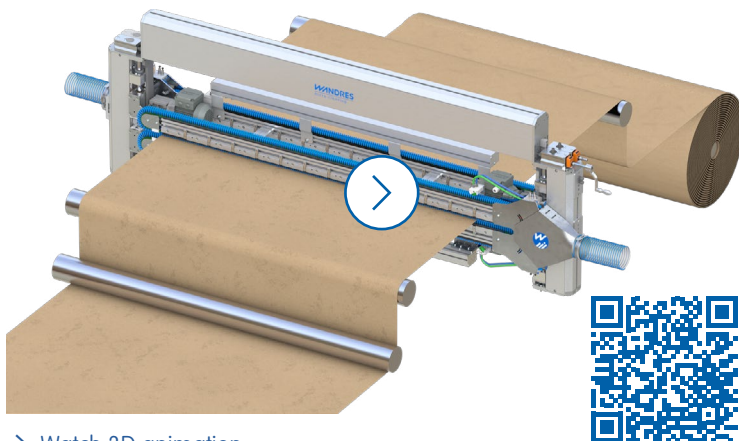
Result

- High-performance cleaning
- Excellent printing results
- Reduction of rejection rates
- Reliable continuous operation
- Very short payback period

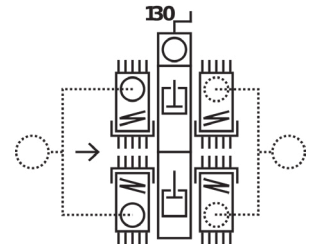


„The losses caused by machine stoppage and scrapped webs were reduced by an average of 75% so that the investment was recouped within less than six months.“

Web Sword Brush Una H-WB 146



→ Watch 3D animation

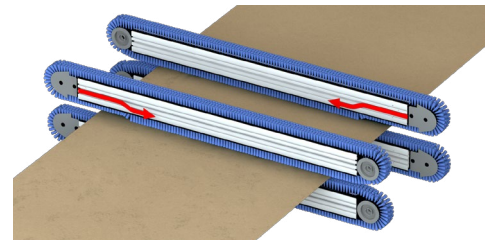


- High-performance cleaning of heavily soiled webs
- Web speeds of up to 600 m/min
- Reduction of electrostatic charges

The Web Sword Brush Una H-WB 146 effectively cleans the upper and lower surfaces of fast moving web materials. Brush filaments are micro-moistened with the antistatic cleaning agent Ingromat® and may thus effectively remove paper dust while reducing electrostatic charges. If the web stops or needs to be changed, brushes may be removed pneumatically from the surface.

Protection of delicate web edges

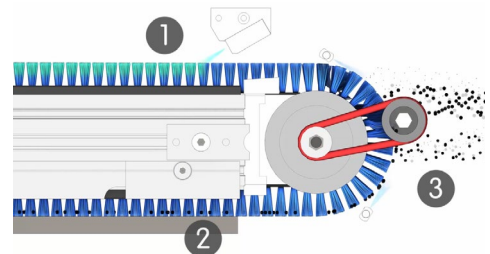
Linear brushes touch the surface only after having passed the web's edges. They flatten the web towards the edges. Due to the offset position and opposite wiping directions, surfaces are cleaned seamlessly.



Low-maintenance and stable 24/7 process

The cleaning method has three steps: 1. micro-moistening of the filaments, 2. surface cleaning, 3. self-cleaning of the linear brush. This ensures a consistent high-quality cleaning performance during continuous operation.

- » The suction channel TKL 46 may be installed as an additional pre-cleaning device at the infeed of the machine.



Globally-unique Brush Technology

Linear brushes are manufactured to the highest quality standards at our plant in the Southern Black Forest. A pneumatically controlled pressure buffer at the contact area compensates for possible material variations thus ensuring a consistent pressure onto the surface.



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