

Laminate cleaning before video inspection



Starting position

- False reports during video inspection due to dirty surfaces
- Large amounts of fine debris and electrically charged dust particles after milling
- Laminates with structured surfaces
- Delicate areas at the edges with freshly painted chamfers

Result



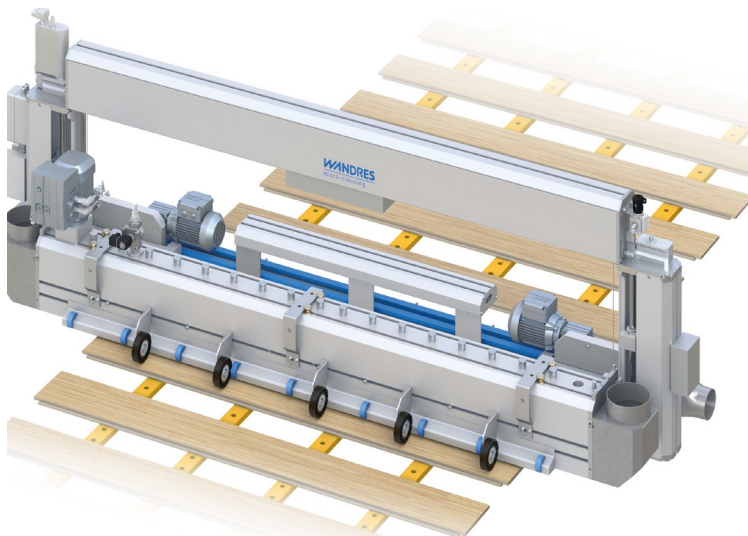
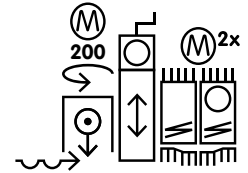
- Reliable video inspection and a considerable reduction of rejection rates
- Spotless cleaning of structured laminate surfaces
- Chamfers at the edges will remain untouched
- Clean production environment before packing



Customer's opinion

„Video inspection works brilliantly with an upstream cleaning machine. This allows us to have an automatized and high precision quality control. We ordered the same cleaning system for two further production lines already.“ (Jérôme Brea, plant manager, Alsapan Marlenheim)

Combi Sword Brush Una H-RL 316



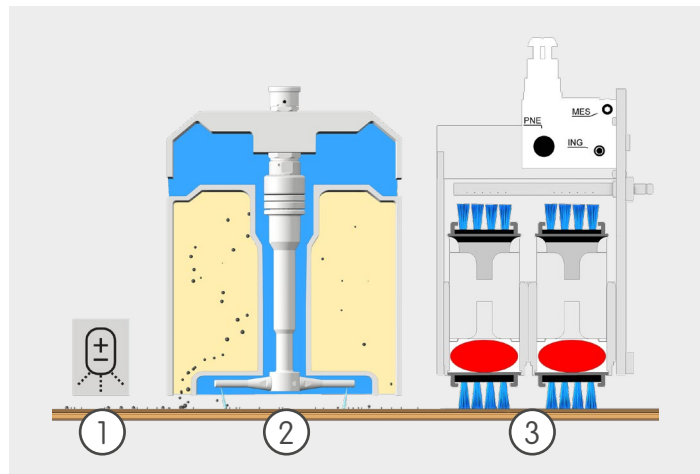
- Perfect cleaning results even with large amounts of dust
- Effective solution for structured surfaces and chamfered edges
- Permanent self-cleaning mechanism
- Low maintenance continuous operation

Rotating compressed air driven nozzles remove large amounts of particles at the infeed of the machine. These are absorbed by the suction system immediately. Micro-moistened filaments remove the remaining fine dust from the surfaces at the outfeed of the machine. An additional ionization electrode may reduce electrostatic attraction.

Cleaning technology

Before the panel turner, the lower surface may be cleaned with a separate Combi Sword Brush.

- ① Ionization (option)
- ② Tornado Channel
- ③ Sword Brush with Ingromat® system



Lifting of brushes at the edges

Brushes wipe in opposite direction and touch the surface only after having passed the material's edges: Delicate panel edges are spared, brush wear is minimised.

