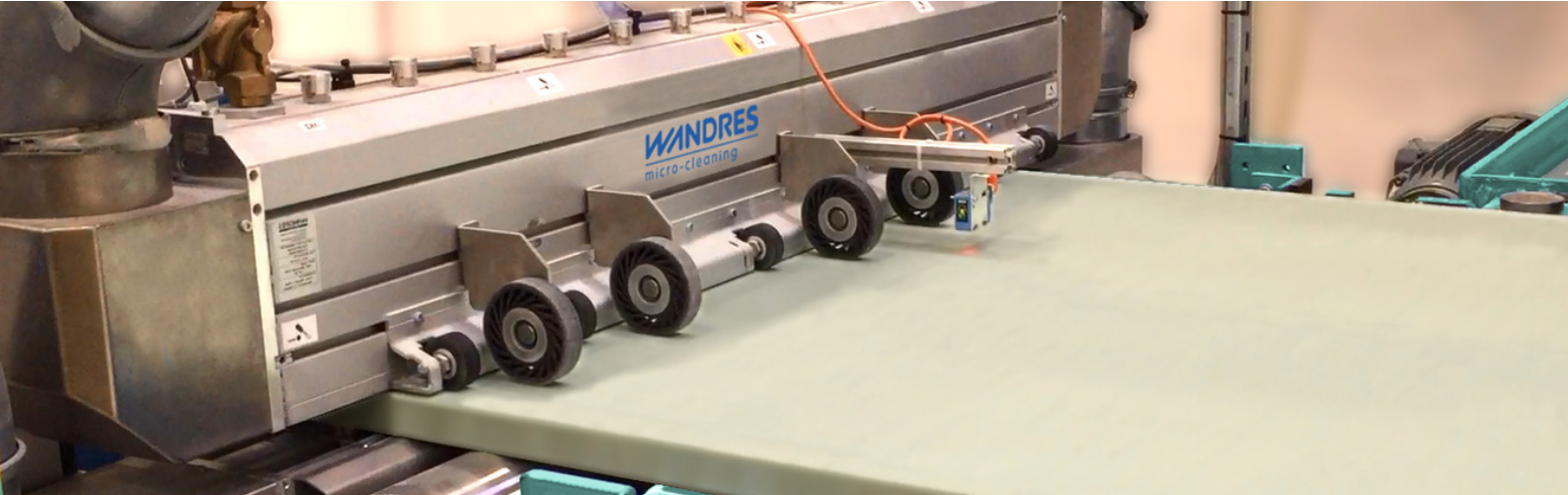


Contactless cleaning of porous foam boards



Starting position

- After cutting, numerous particles cling to porous boards
- High dust exposure and dirty working environment
- Problems with further processing
- Manual blow-cleaning with compressed air just stirs up the dust
- Board size: 1200 x 3000 mm
Board thickness: 2 to 160 mm
- Transport speed: 10 m/min

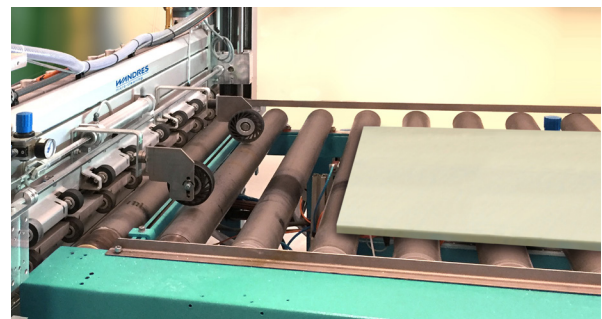
Result



- Reliable removal of dust and cutting particles
- Less harmful effects on health of employees
- Optimised production process
- No more maintenance of suction cups of vacuum grippers
- Particles are no longer dragged along the transport system



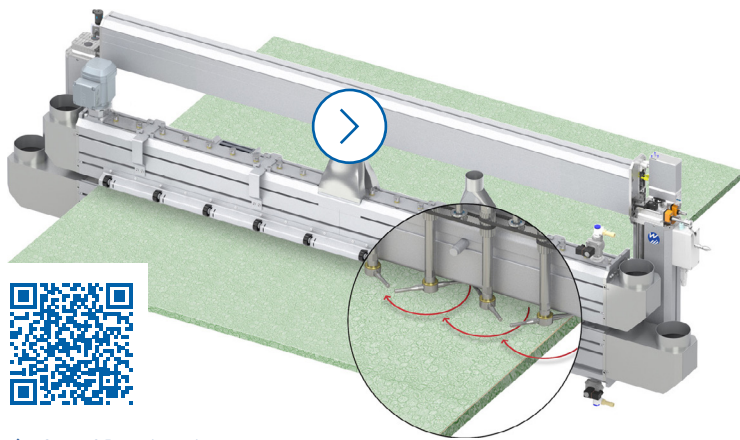
Infeed



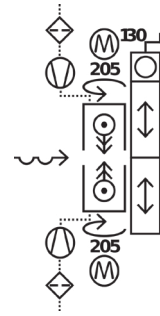
Outfeed

„Ever since the successful integration of the cleaning installation, the transport rollers of the conveying system are clean, too, and we do not have to clean the vacuum gripper any longer. After an initial experience in serial production, we equipped a further line in our main factory and a production facility in Asia with the compressed air-assisted cleaning machines from Wandres.“

Combi Tornado Channel Una H-TKRB 205

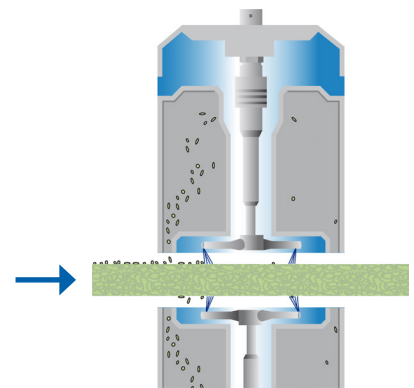


→ Start 3D animation



- Double-sided contactless cleaning
- Adjustment to boards with different thicknesses
- Easy integration into existing roller conveyors
- Narrow footprint: 400 mm

The Tornado Channel TKRB 205 uses a sophisticated compressed air system to clean the upper and lower surfaces of porous and structured boards without touching them. Within the Tornado Channel, there are high-speed Tornado nozzles. Compressed air exits the Tornado nozzles with several times the speed of sound. The air jet detaches particles and provides for spotless cleanliness.



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