

PARTNER COMPONENT

WANDRES
micro-cleaning

version BS-C-2019.1 - may 2019

Brush machine for high-quality surface cleaning

When coating has to be applied to materials with contamination on the coating side, it is wise to brush this contamination off the material. If the treatment requires extreme accuracy, a Cross Brush can be used equipped with a Wandres sword brush.

The brushes of this brush system work perpendicularly to the pass direction. The effectiveness of the sword brush derives from the innovative Ingromat® technology. With every new tour, the brush is supplied with the Ingromat® fluid that has both antistatic and adhesion properties. As a result, all particles are retained in the hairs of the brush and subsequently sucked out of the brush in the station.

Brush hairs and single or double brush

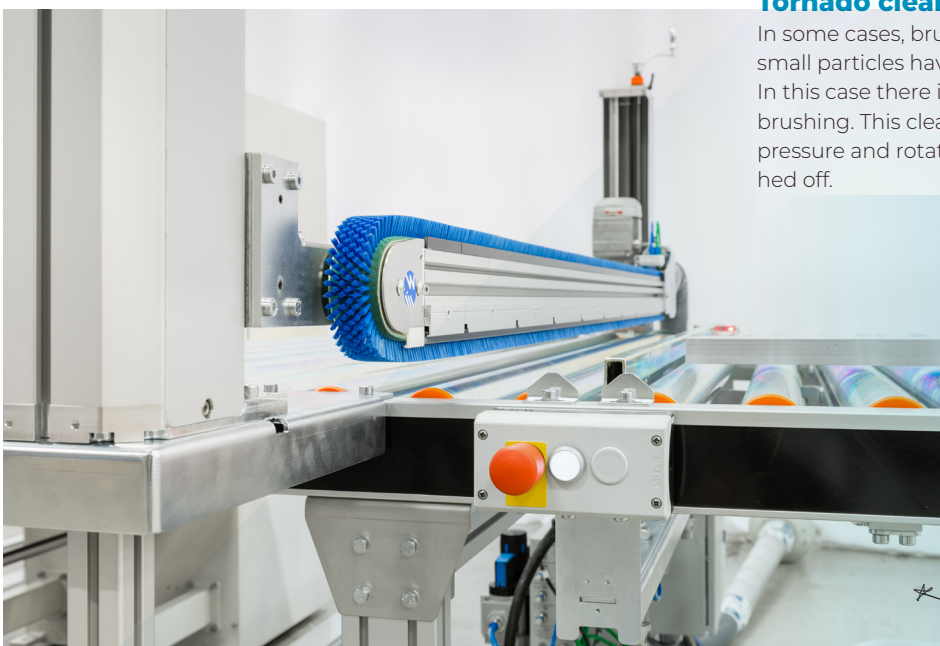
The effectiveness of the brush technology can be determined by the type and quantity of Ingromat® material, the height of the brush hairs and the pass speed of the panel. In addition, we offer a double brush that may comprise different materials positioned alongside one another. These brushes rotate in opposite directions. Variations in the stiffness of the brush hairs are possible.

Top or Double

The sword brushes are single-sided as standard, but double-sided versions are also available. In this case the material is brushed on both sides at the same time. The Double Brush can also be designed in a double version with two brushes being positioned behind one another.

Tornado cleaning

In some cases, brushing alone may not be sufficient because small particles have been pressed deeper into the material. In this case there is the option of Tornado cleaning before brushing. This cleaning unit blows the particles free with high pressure and rotating nozzles so that they can then be brushed off.



Cross Brush Station

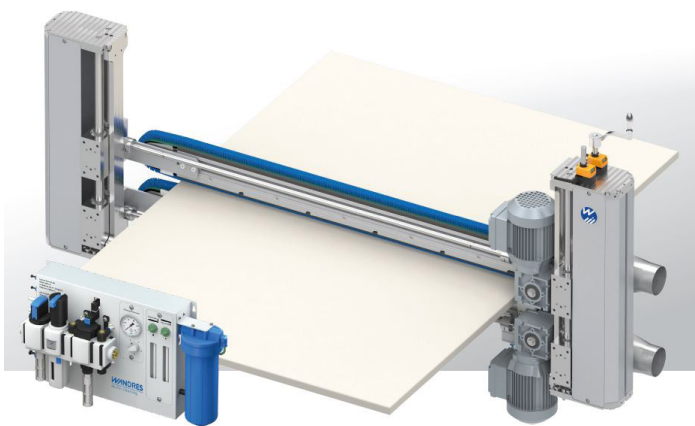
OPTIONS

An extensive selection of options is available on all our machines.

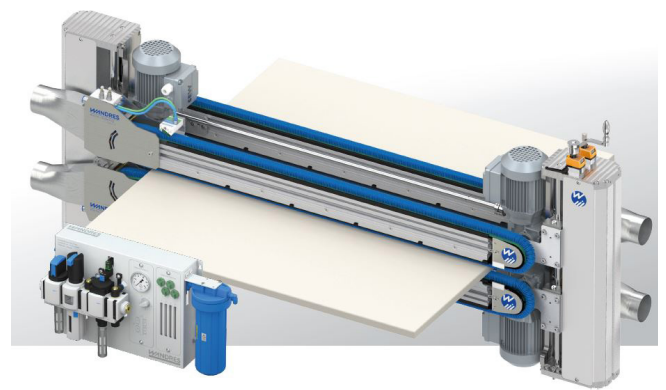
For more information, contact us so that we can configure the machine to your requirements.

SPECIFICATIONS

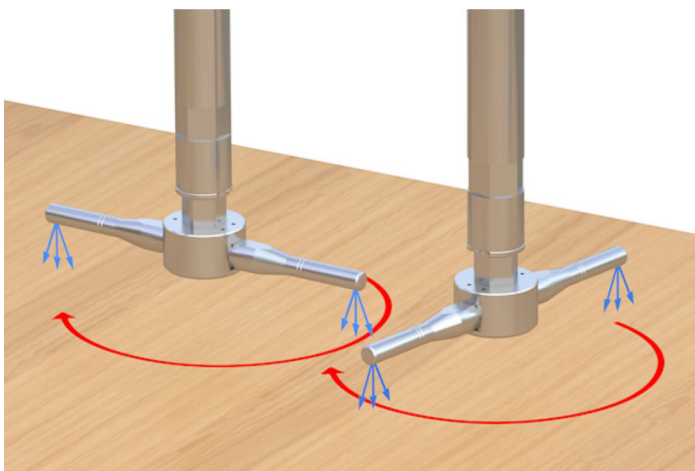
Technical overview	BS800-C	BS1600-C	BS2000-C	BS2400-C
Treatment width (mm)	800	1600	2000	2400
Compressed air connection (bar)	6	6	6	6
Ingromat® hose connection	1 x Ø 8 mm	1 x Ø 8 mm	1 x Ø 8 mm	1 x Ø 8 mm
Ingromat® consumption (l/h)	0.2 - 0.8	0.2 - 0.8	0.2 - 0.8	0.2 - 0.8
Type of linear brush	Quadro R6	Quadro R6	Quadro R6	Quadro R6
Filament material	Polyamid 6.12	Polyamid 6.12	Polyamid 6.12	Polyamid 6.12
Filament length (mm)	17	17	17	17
Filament diameter Ø (mm)	0.12	0.12	0.12	0.12
Max. transport speed (m/min)	100	100	100	100
Min. panel length (mm)	240	240	240	240



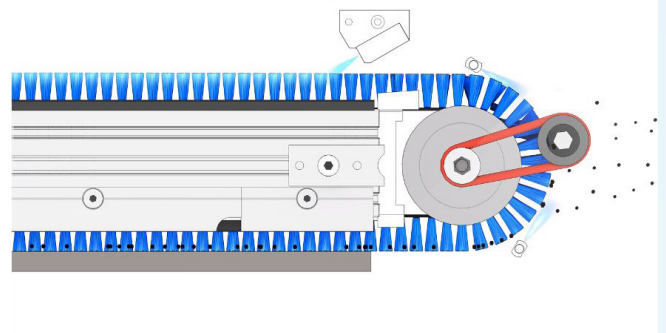
Single brush - double sided



Double brush - double sided



Tornado cleaning



Brush Station - Cross operation



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the  in progress