

Brushes and Brushing Machines

In order to expand their range of applications by brushed and textured surfaces, more and more of our customers choose to add brush rollers to complement their sanders or even look for dedicated brushing machines. In serial production, brushing lines are already very common. Kündig builds such brushing machines but also provides solutions that add to the versatility of their wide belt sanders.



As precise as a Widebelt Sander

In the last years, precision requirements in textured wood surfaces have risen considerably. For example, parquet is rarely finished on site after installation, instead it needs to have tolerances of just tenths of millimetres from the factory in order to avoid height offset. Adjustment options comparable to a Kündig widebelt sander facilitate meeting these steep requirements.



Units

Add-on Brush Unit

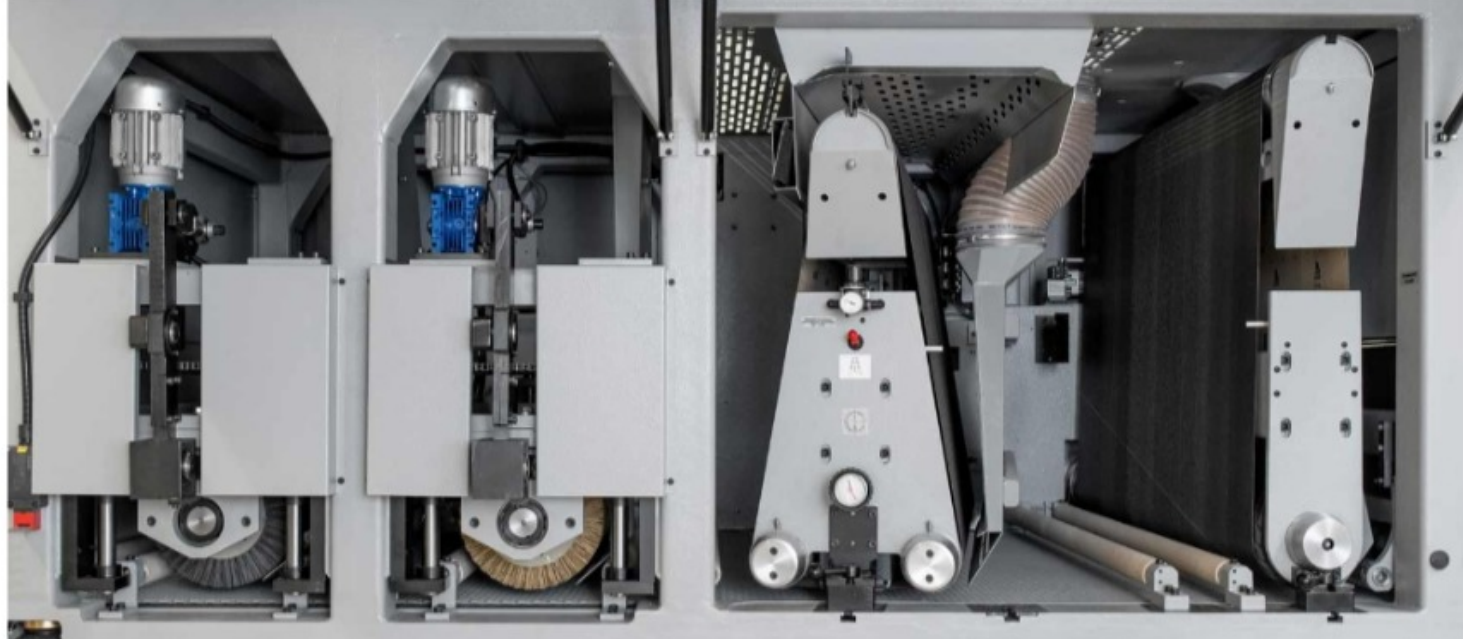
The add-on texturing brush unit is an upgrade to our widebelt sanders and a well proven solution for joineries or carpenter workshops that want to add textured wood surfaces to their range of products.



Integrated Brush Unit

Integrated brushing units supplement our widebelt sanders and are located in the machine body. These brushes are mostly used by companies that do a lot of wood texturing and represent an uncompromising combination of sanding machine and brushing machine. They are available with or without oscillation as well as in different diameters and materials.

▶ Video - Texturing soft- and hardwood with integrated brush unit



Designated Brushing Machines

We also build dedicated brushing solutions mostly for industrial purposes and often found in parquet production. These wood texturing machines are extremely heavy duty and very customisable.

▶ Video - 6 head heavy brushing machine in action



Disk Brush Unit - The Solution for Cross Grain Sanding

Sanding of cross grain sections is a very well known challenge known by almost all who process wood. With their disk brush unit, which is available as part of Kündigs range of widebelt sanders, the Swiss company found a reliable solution for cross grain sanding that perfectly eliminates scratches on cross grain areas of wooden furniture such as kitchen doors. This is best in combination with their patented oblique sanding technology.

▶ Video - Filler sanding with disc brush unit



Another application of the disk brush unit, thanks to its specialized movement pattern, is rounding off work piece edges very consistently and evenly. Meaning that all of the workpieces edges will end up with the exact same radius. Furthermore, the disk brush unit can be used for intermediate filler or lacquer sanding on profiled and even workpieces.

The disk brush unit is equipped with 24 rotating 5" disks. The whole unit oscillates. Both the unit's oscillation as well as the disc rotation can be steplessly adjusted in order to achieve the best possible surface finish.

Brushes for Sanding or Structuring

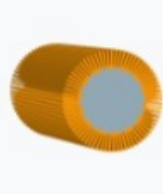
For our factory brush unit we offer a variety of brush types: Texturing Brushes equipped with different bristle types, Sanding brushes and Scotchbrite® working widths. Horsehair brushes for workpiece cleaning are also available. Our brush units can be ordered with different brush diameters, working widths, bristle materials, oscillation or non-oscillating variants, manual or automatic height adjustment and many more features.

Brush Roller Bs



Machine body integrated or external brush unit, manual or automatic height adjustment

Brush Roller Bo



Machine body integrated brush unit with oscillation feature

Disk Brush Unit Bk



Disk brush unit with oscillating, rotating 5" diameter disks

Working widths

650 mm / 26"	1100 mm / 43"	1350 mm / 53"	1600 mm / 63"	1900 mm / 75"	2200 mm / 87"	Other sizes on request
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