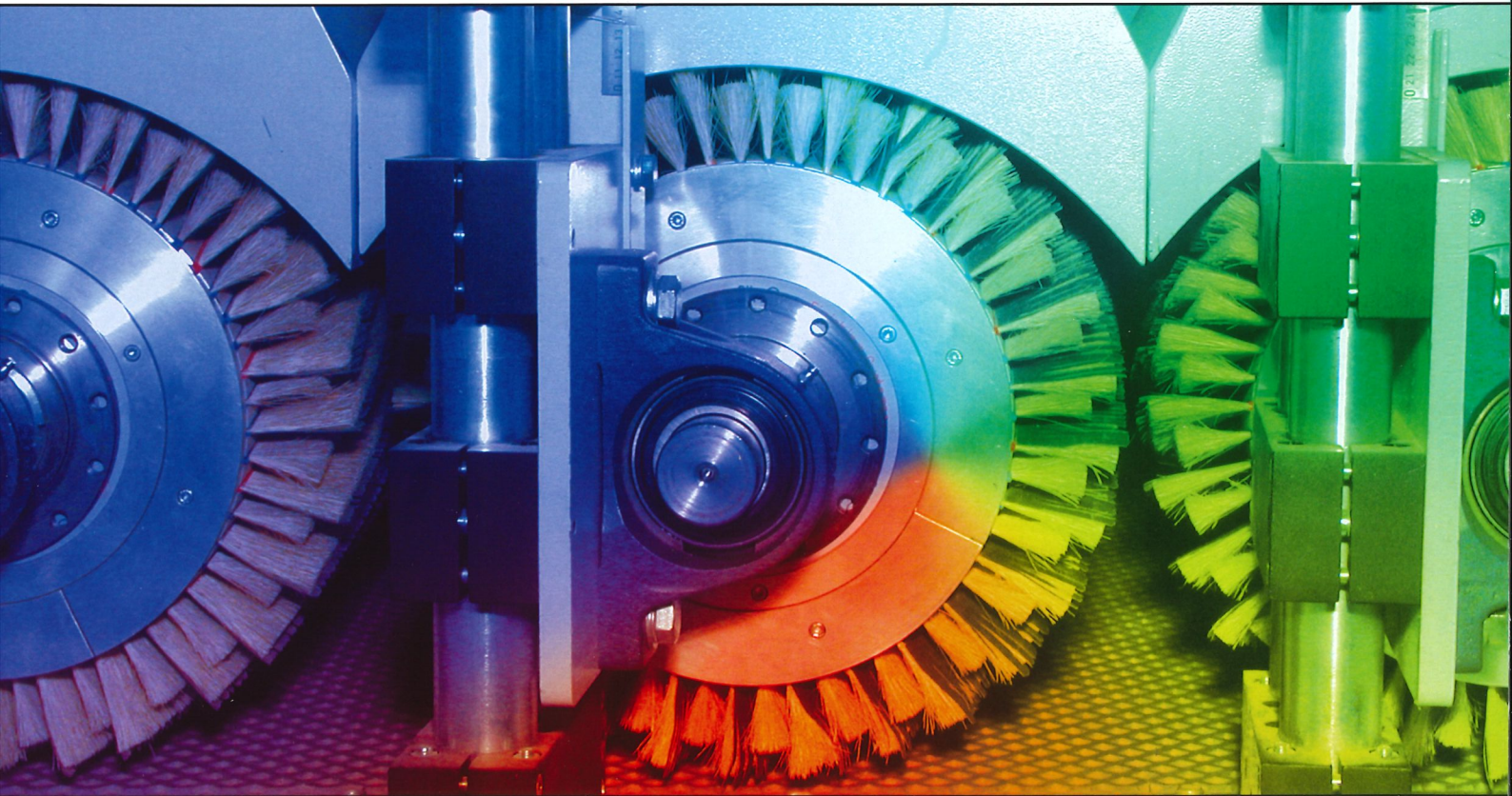


Brushing machine SBR 313-413



Optimat | profi line | power line

Bütfering SBR 313-413



Brushing machine for white wood and sealer sanding

The brushing machine produces excellent surface finishes for a wide variety of applications.

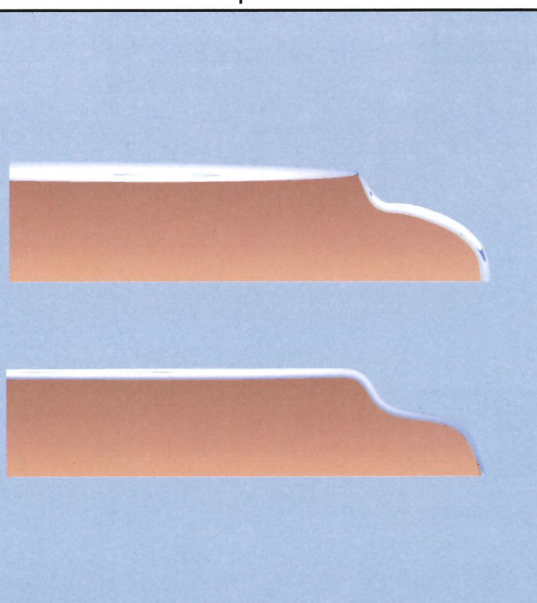
- Loose fibre removal on solid wood and wood based surfaces
- Sanding of flat and profiled parts
- For sanding of primed / lacquered parts prior to top coating
- To minimise sanding marks from a previous process
- Improved surface preparation for staining, lacquering or laminating

In a single pass the SBR significantly improves the surface quality of white wood parts by the removal of loose fibres.

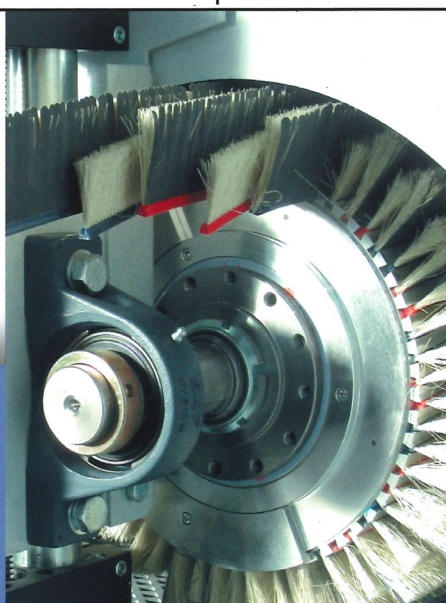
The SBR is able to bring about considerable savings in lacquer consumption as the brushing process gives a uniform 'edge breaking' effect to ensure optimum lacquer adhesion and constant lacquer thickness.

The possibility to combine the use of disc brushes together with 400mm dia. cylindrical brushes makes the SBR concept extremely versatile. Being program controlled, the machine is easy to set and operate, and the brushes are simple to change to minimise downtime. In combination with a high quality wide belt sander the SBR is the cost effective solution for superior surface quality, offering better, faster, and more consistent results over finishing flat or profiled parts by hand.

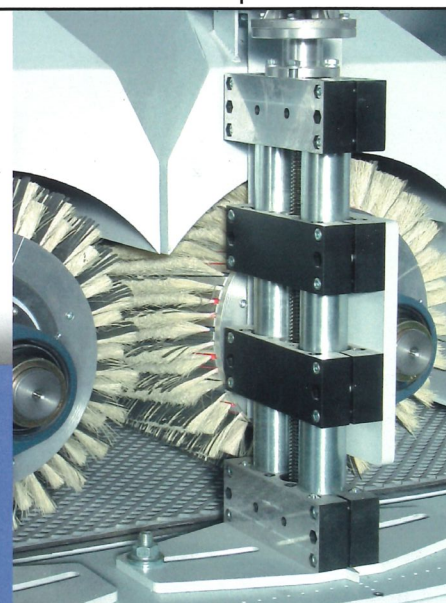
Edge breaking to optimise lacquer adhesion

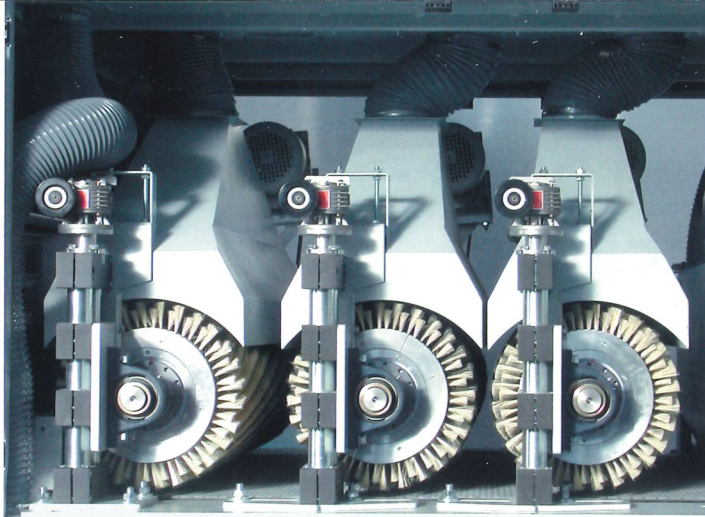


Sanding strips are easily removed



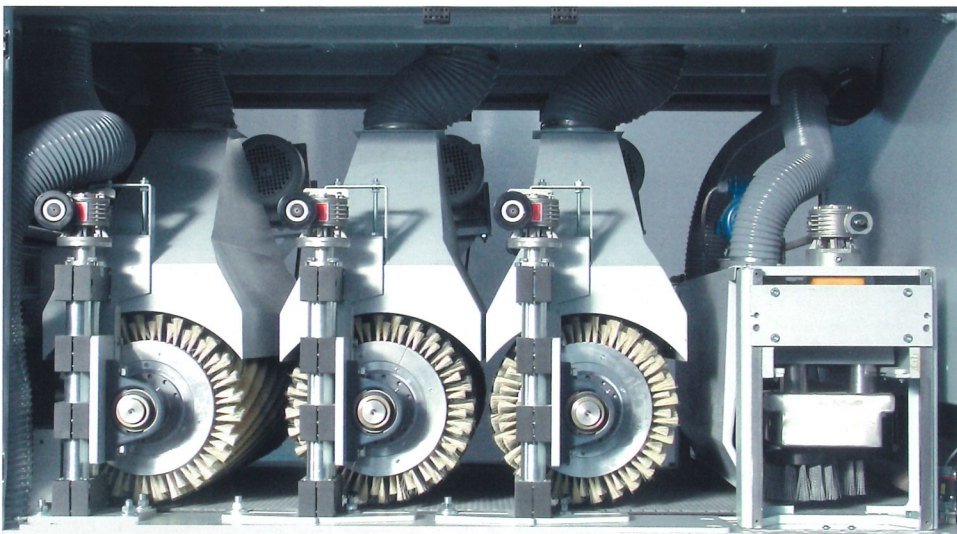
Individual height adjustment





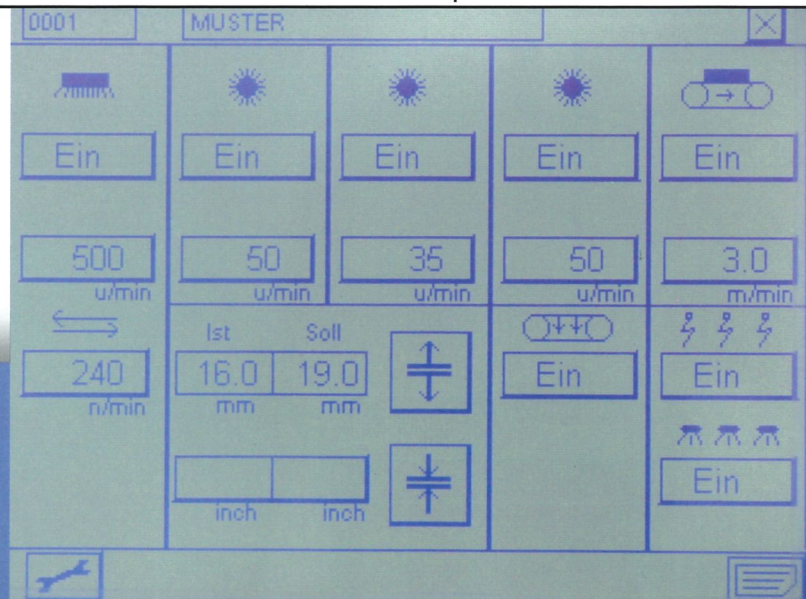
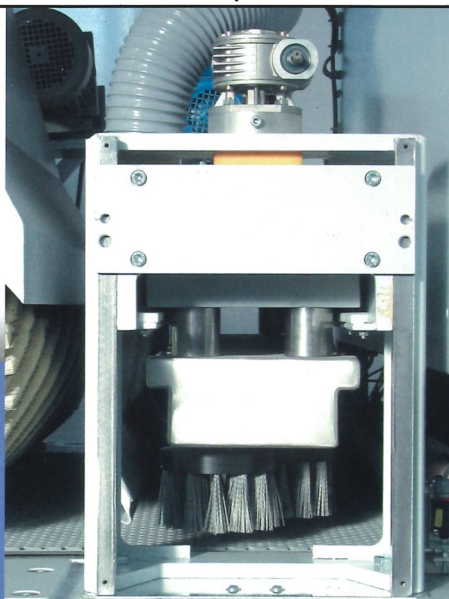
SBR 313, Changing side

SBR 413, Changing side



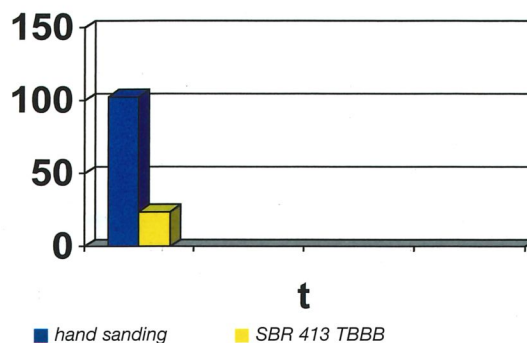
Disc brush unit with quick change system

Graphically controlled touch-screen for all sanding parameters, incl. program memory

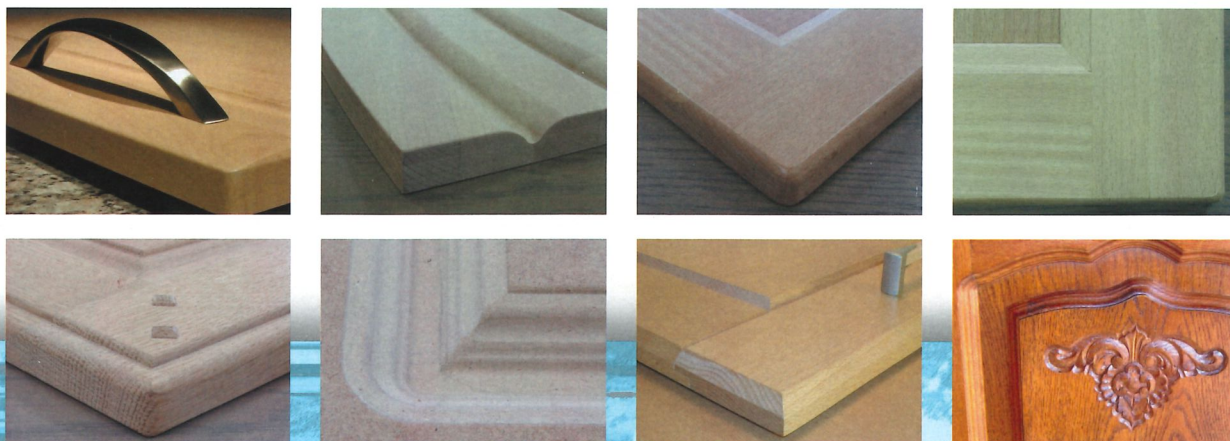


The SBR for profiled parts – an easy cost justification!

- The SBR can reduce the time taken to hand sand a typical panel with internal and external profiles (eg. Kitchen cabinet door) by 76%!
- Reduction of laquer consumption up to 20%
- Up to 76% reduction in process time over hand sanding
- 100% quality control
- Uniformaty of surface finish
- Minimal fibre raising
- Controlled edge breaking for optimum lacquer or glue adhesion



The SBR with it's flexible sanding strips reduces the surface roughness in comparison to a router bit.



Technical Data SBR**313 TBB****413 TBBS**

No. of heads	3	4
Working width	1350 mm	1350 mm
Constant passline	900 mm	900 mm
Workpiece thickness min. - max..	3-160 mm	3-160 mm
Disk Brush Head		
Drive Motor		3 kW
Variable speed		25-650
Oscillation stroke H/min		36-240
Brush Heads Ø mm	400	400
Drive Motor KW	3 kW per head	3 kW per head
Variable Speed U/min	200-1100	200-1100
Infeed Drive Motor KW	1.5	1.5
Infeed Speed m/min	2.5 – 13	2.5 – 13
Vakuum Fan Motor KW	5.5	7.5
Compressed air bar	6	6
Air consumption max. L/min.	10	10
Pneumatic workpiece cleaning L/min.	450	450
Dust collection requirement m³/h	5500	7320
Air speed m/sec.	20	20
Length mm	2520	2970
Width mm	2050	2050
Height max. mm	2180	2180
Total connecting load kW	22	26
Weight	approx. 4000	approx. 5000

A company of the Homag Group



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