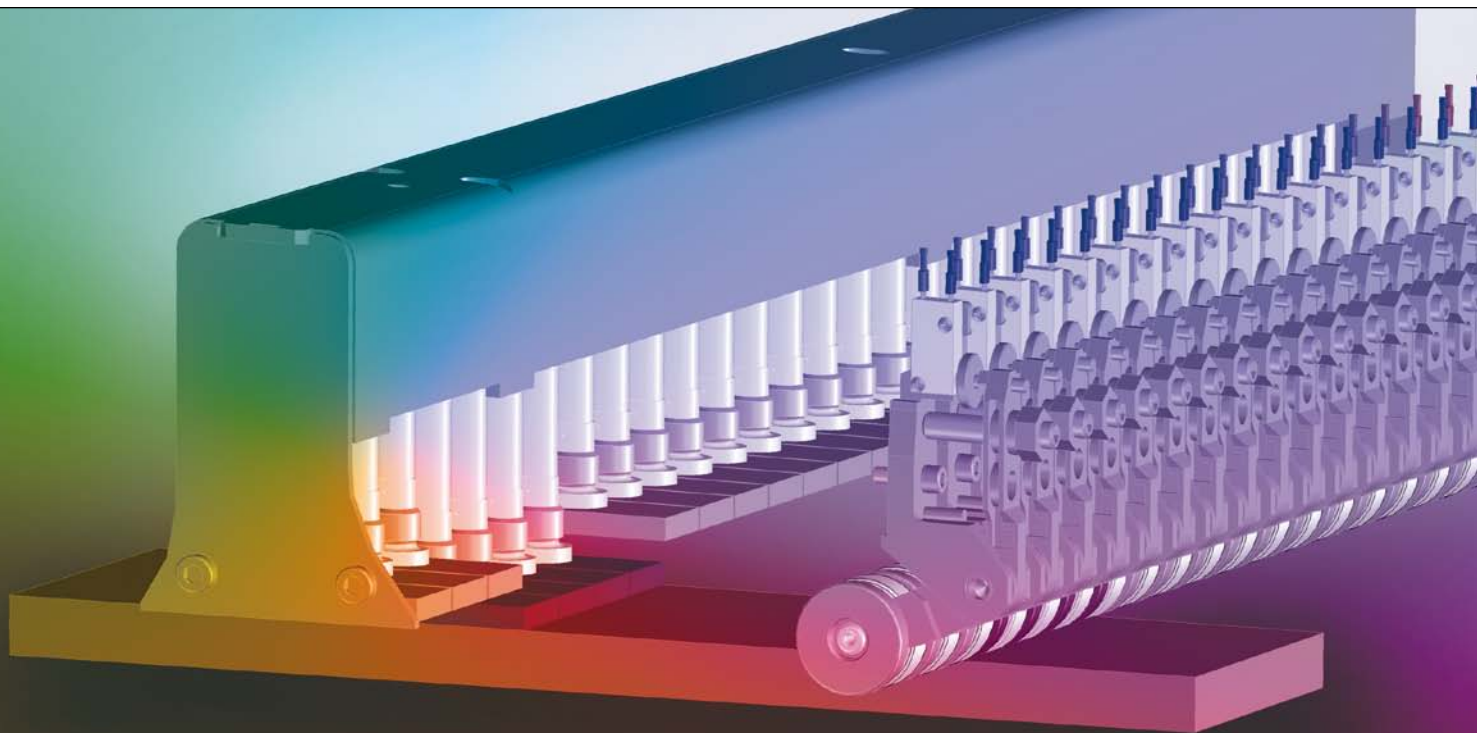
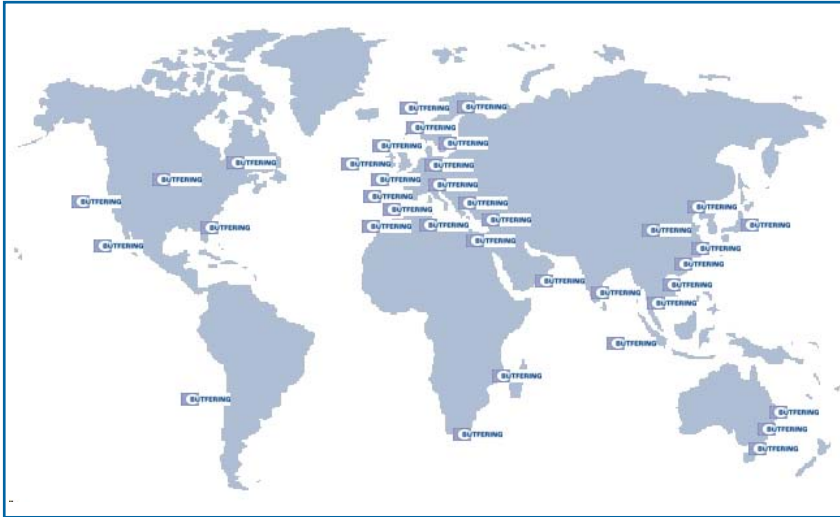


SWT Wide Belt Sanding Machines

124 RC · 134 RRC



Bütfering International



- Local support from our partners around the world
- Sales and Service Technicians operating worldwide
- Intelligent spare parts provision by common components within the HOMAG Group

Our Philosophy

- satisfied customers
- satisfied employees
- satisfied investors



The complete twin head machine

R

- Calibration head with profiled contact roller (160 mm dia.)

C

- Combi-head with profiled, rubberized 65° shore contact roller (160 mm dia.) and an electronically controlled segmented pad with 35 mm segments

- Suitable for sanding of veneered parts in 1 or 2 passes with the segmented pad only. Thickness tolerance compensation up to 1mm.
- Suitable for sanding of solid wood, and wood based materials in a single pass with a 2 grit sequence.

Additional features:

- automatic thickness setting
- variable feed speed by frequency inverter
- touchscreen operation with 125 programs
- maintenance free DC braking system
- independantly driven sanding heads
- poly V belt drives



SWT 134 RRC

Three heads for sanding in one pass

R

- Calibration head with profiled steel contact roller (160 mm dia.)

R

- Calibration head with profiled rubberised contact roller 85° Shore, (160 mm dia.)

C

- Combi-head with profiled, rubberised contact roller 65° Shore (160 mm dia.) and electronically controlled segmented pad with 35 mm segments

- Suitable for sanding of veneered parts in 1 or 2 passes with the segmented pad only. Thickness tolerance compensation up to 1mm.
- Suitable for sanding of solid wood, and wood based materials in a single pass with a 3 grit sequence.

Additional features:

- automatic thickness setting
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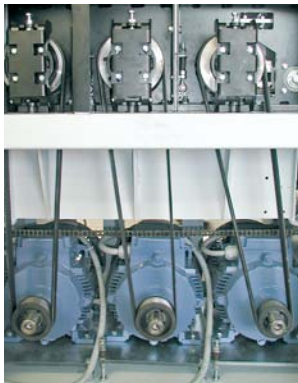




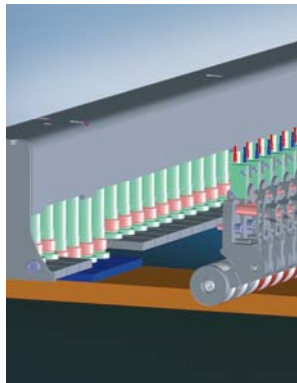
Combi head



Contact rollers



Individual Motors



35 mm segmentation



Automatic thickness setting



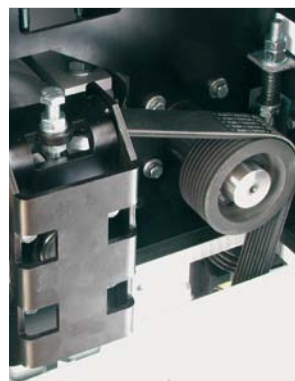
Automatic conveyorbelt tracking



Grit size compensation



Over-thickness protection



Poly V-belt drives



Rubberized drive drum

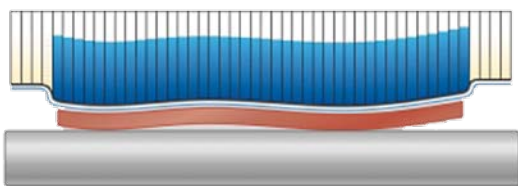
The Electronic Segmented Pad

Segmented pad technology offers the safest way to sand veneers on a wide belt sander.

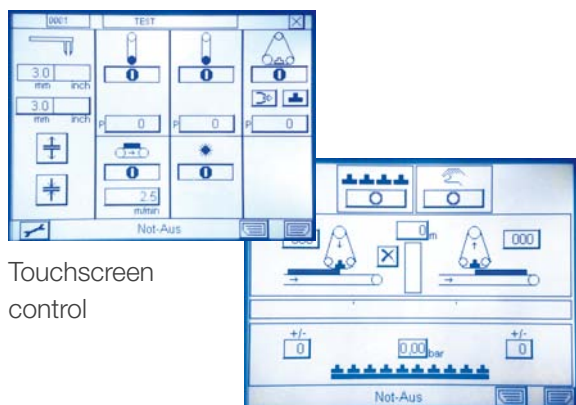
The advantages:

- Handles thickness variations up to 1mm giving a constant stock removal from panel to panel
- Handles parts that are not perfectly flat
- Re-sands pre-sanded panels with ease
- Handles shaped flat parts, for example triangular or circular

The 'electronic' pad works so well because it knows the size and shape of a workpiece and it's precise location in the machine at all times. With this information it only applies sanding pressure exactly where it is needed. As parts enter the machine they are scanned and this information immediately fed to an onboard PLC. The controller then directs the operation of each segment for perfect pressure application, taking into account the conveyor speed and timing parameters within any given sanding program. The regulated sanding pressure gives perfect, repeatable results. Precise digital timing, and a standard segment width of 35mm ensures 'anti-dubbing' all around the panel and guarantees crisp square edges.

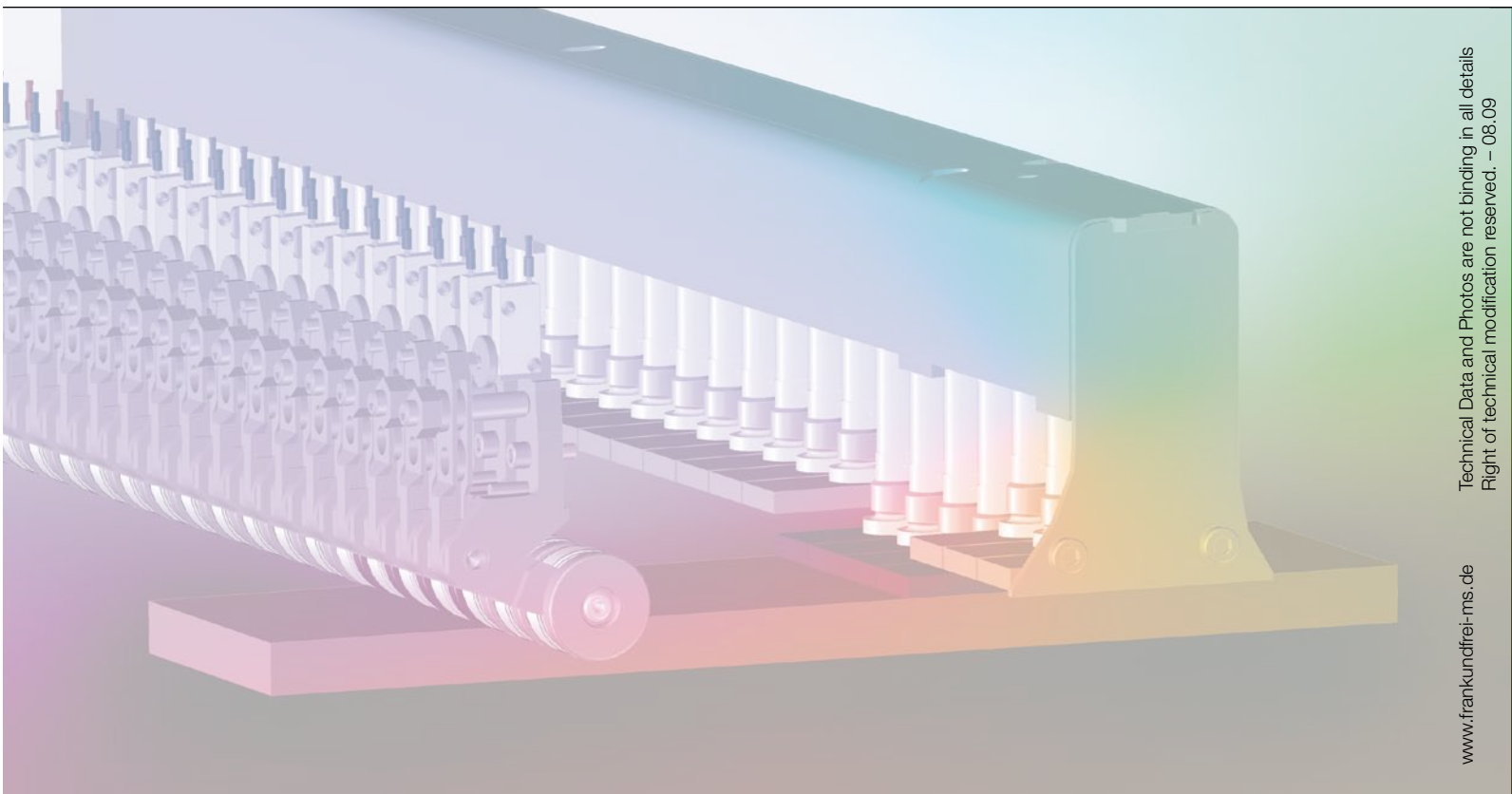


Segmented pad function



Touchscreen control

Model	124 RC	134 RCC
Number of heads	2	3
Working width mm	1100 / 43,31"	1100 / 43,31"
Abrasive belt width mm	1120 / 44"	1120 / 44"
Abrasive belt length	1900 / 75"	1900 / 75"
Workpiece thickness min. - max mm	3-160 / 1/8" - 7"	3-160 / 1/8"-7"
Drive motors		
head 1. KW	15	15
head 2. KW	11	15
head 3. KW	-	11
cutting speed m/s	18 / 12	18 / 18 / 12
Feed motor KW	1,1	1,1
Feed speed m/min	2,5 - 13	2,5 - 13
Compressed air bar	6	6
Compr. air consumption max L / min	20	30
Air jet blower l/min per air jet	440	440
Extraction capacity ca. m ³ /h	2880	4320
air speed m/sec.	20	20
Length mm	1545 / 60,83"	1800 / 70,87"
Width mm	1705 / 67,13"	1705 / 67,13"
Height mm	1905 / 75"	1905 / 75"
Total connected load KW	28	43
Weight kg	1800	2300



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