

Brushing - Sueding - Peaching Machines

S1000

S1000-MK2



SuperBrush

 Since 1935
ITALY
danti paolo

S1000 MK2

Brush/Sueding machine for knitted fabrics



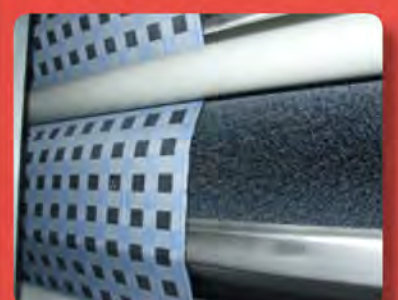
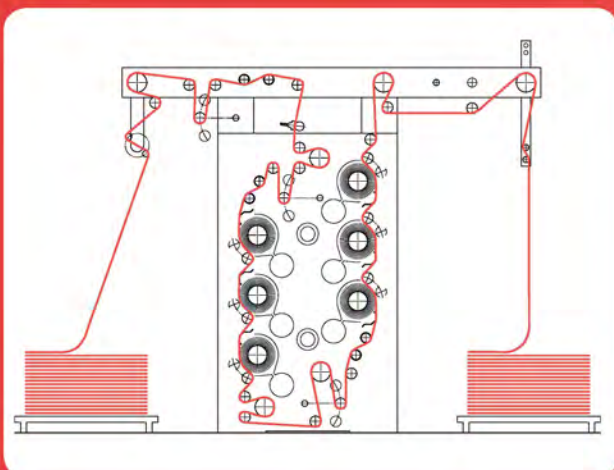
The MK2 is the latest development of the Brush/Sueding machine from Danti Paolo. The machine has been especially designed to process knitted fabrics and give them the special finish called **peach skin effect**, that makes the fabrics softer and more pleasant to the touch.

The machine is equipped with **6 abrasive brushes** in Carbon or Ceramic; the 6 brushes are independently controlled by AC motors with inverters and the 6 approaching rollers are setting independently the contact of the fabric with the brush. An **innovative approaching system** that keeps a constant distance between the brush and the approaching roller, allows to have a perfect result even with the most elastic knitted fabrics. Thanks to the **independent control** of each of the 6 units, it is possible to set independently :

- The sense of rotation of each Brush.
- The rotating speed of each Brush.
- The approaching of the fabric to each Brush.



The **fabric tension is automatically controlled** thanks to the feedback from three dancing rollers, an automatic seams detector ensures that the seams are not damaged, yet with a minimum fabric waste (only 5cm of unprocessed fabric before and after the seam). The **6 individual dust suction boxes** ensure a perfect removal of the powder produced during the brush/sueding process, in fact the 6 brushes are perfectly enclosed in the dust suction boxes, to avoid the dust to be dispersed. The machine has control by Touch Screen in various languages, with memorization of processing parameters, backup on USB port, remote connection by internet.



S1000

Brush/Sueding machine for woven fabrics

The Brushing machine S 1000 is composed of 6 independently driven brushing/sueding units and given a surprisingly soft touch to the fabrics and extremely innovative finishing effects. The machine can work by means of different types of abrasive brushes (Carbon or Ceramic) and Emery rollers (Diamond or corindone).

Each brushing/sueding units is equipped with AC motor with Inverter for drive of the brushes and fabric approaching rollers, so that it is possible to control independently :

- The sense of rotation of each brush.
- The rotating speed of each brush..
- The approaching of the fabric to each brush.

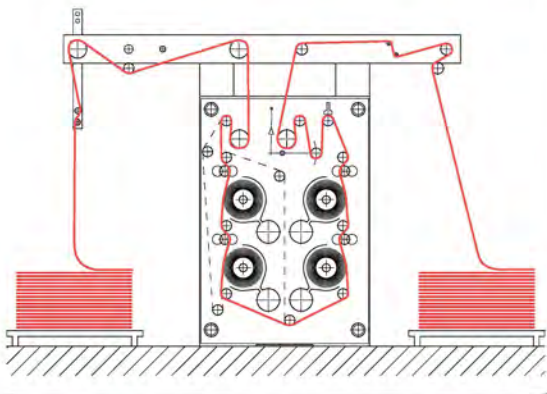
The machine is completely driven by AC motors with Inverters and has the following advantages:

- **Accurate control of the fabric tension.**
- **Possibility of combined process abrasive brush / sueding roller.**
- **Separate control for each of the 6 units.**
- **Process of both faces of the fabric in one passage.**
- **Memorisation of the processing parametres.**
- **Individual dust suction boxes, for each brush, in order to remove efficiently the powders generated during processing.**

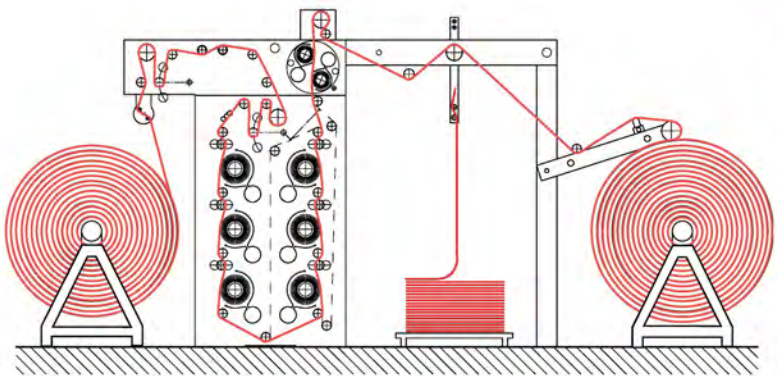
These characteristics make this machine extremely versatile, powerful and of very high productivity. The maintenance is Advanced specifications include by PLC with with Color Touch Screen and WiFi modem to perform remote connection for troubleshooting.



The machine can process with abrasive brushes and emery rollers.



Wide width brushing machine with 4 brushes



Fabric passage with entry and exit by fold and big roll.

SuperBrush

Drum Type Brushing Machine

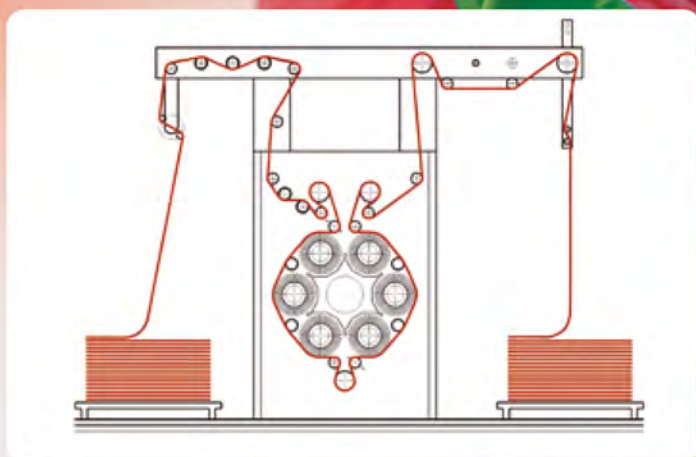
The brushing/sueding machine **SUPERBrush** is the result of many years of development of **Danti Paolo** company in the manufacturing of sueding machines with abrasive brushes. The machine is available with abrasive brushes in Ceramic or Silicon Carbide that are performing a slight abrasion on the fabric to create a peach skin effect without causing any hairiness on the fabric.

The machine is equipped with 6 abrasive brushes, independently driven by 6 AC motors with power supply by inverters and is controlled by PLC with Touch Screen. The brushes have an increased diameter and an higher angle of contact with the fabric to give longer life of the brushes and increased production.

The high quality of process is guaranteed by an advanced system for the control of fabric tension, managed by load cells that allow automatic control and constant monitoring of the fabric tension. The memorization of all the processing parameter in the memory of the machine allow repeatability of the effect.

The fabric is kept well enlarged inside the machine by means of decurling rollers and expanding bars placed in various points of the machine. A special dust suction system allows to keep the brushes clean and to remove promptly the micro powder generated during the processing.

The seams jumping system is very efficient and allows to do not have any fabric waste at the passage of the seams, keeping also a constant tension of the fabric during the passage of the seams on the brushes. The use of standard electronic components and an advanced troubleshooting system by modem allows a safe operation of the machine. The machine is manufactured in different versions and different working widths for knitted and woven fabrics and is available with different accessories.



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