

AGENZIA VERDE 09/2011

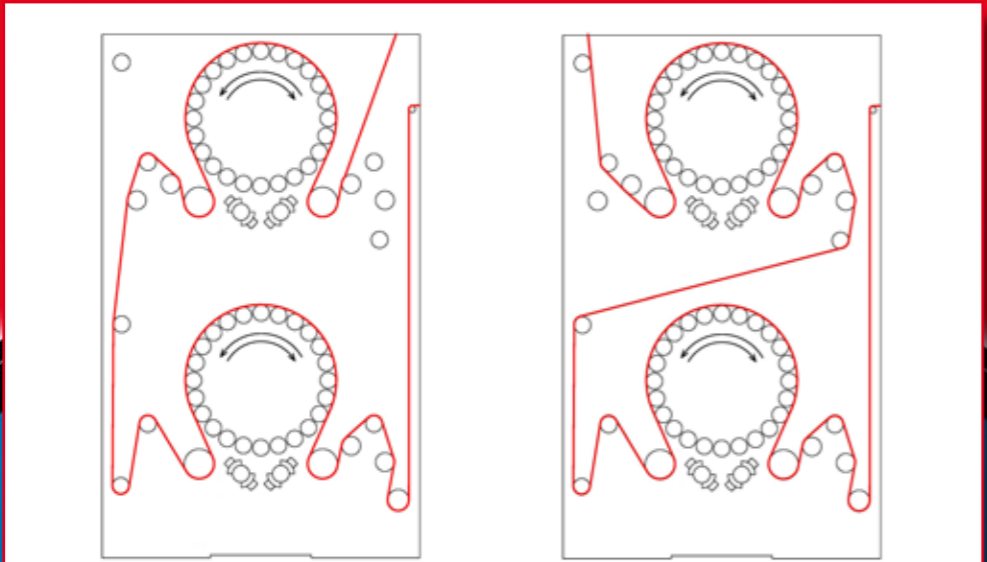
VR9000

Double Drum Raising Machine



PROCESSING OF BOTH FACES

PROCESSING THE SAME FACE, TWICE



With two superimposed raising drums the machine has the possibility to process both faces of the fabric of twice the same face in one passage only. Moreover with the drums rotating in both directions it is possible to have a wide range of finishing effects.



DANTI PAOLO & C. srl

Viale Labriola, 183/185/187 • 59013 Montemurlo (PO) Italy
Tel. +39 0574 652477 • Fax +39 0574 650042
info@danti.it

www.danti.it

VR9000

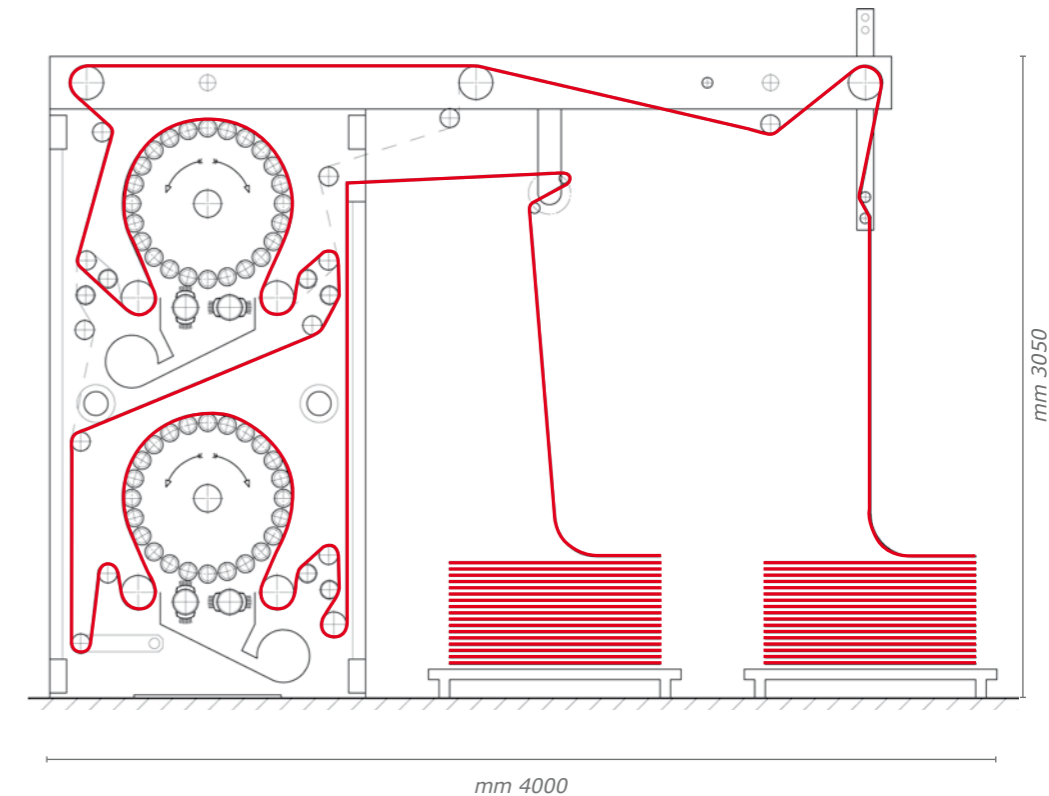
Double Drum Raising Machine



The **DOUBLE DRUM RAISING MACHINE** model **VR9000** is composed of two raising drums, placed one above the other, for a better optimisation of the space and for a higher flexibility of process. With the double drum configuration it is possible to process both faces of the fabric, or twice the same face, in one passage only.

The possibility of rotation of the raising drums, in both directions, allows a wide range of processes and increases the machine flexibility; moreover, thanks to the PLC control, it is possible to have advanced functions such as :

- AUTOMATIC LOADING of the fabric on both raising drums;
- REPLACEMENT OF RAISING FILLET directly on the machine;
- INDEPENDENT motion of each cylinder.
- AUTOMATIC RAISING function.
- ZERO RAISING function.
- MEMORISATION of processing parameters with USB key backup.
- REMOTE DIAGNOSTICS by internet.



The kinematics of the machine, have been engineered in order to reduce the power consumption and increase the mechanical efficiency. The machine is equipped with raising energy recovery system for a low consumption of electricity.

Each axle of the machine is directly driven by AC motors with inverters, as a result, all the intermediate transmissions by belts and gears have been replaced by gearboxes directly connected to the motors.

The machine is suitable to process any type of woven and knitted fabric and, according to the kind of fabric to be processed, it can be equipped with the following accessories:

- DECURLING ROLLERS for knitted fabric in open width.
- EXPANDING RINGS for knitted fabrics in tubular form.
- FABRIC TURNING DEVICE for knitted fabrics in tubular form.
- HEATER CYLINDER with electric or steam heating.
- ELECTROSTATIC ELIMINATOR.
- ROLLING UNIT for big rolls.
- SPECIAL FABRIC FOLDER with variable length.



The synchronisation of each axle and control of all the machine's function, is carried out by PLC, with Touch Screen. The advanced control system allows to display all the processing parameters and to store in the machine memory, the various articles processed, with backup on USB key. The machine is also complete with remote diagnostics of all the electric and electronic components through internet.