

Advanced systems for introduction and exit in the domain of non-woven

The non-woven field is made of a big variety of materials, with different physical, chemical and mechanical features. In addition, the always high standards of quality required by this sector (generally higher than the ones accepted in the traditional textile field)

and the need to repeat absolutely constant processing cycles, implies the choice of special machines also for the operations considered as “complementary”.

With this perspective, **Corino Macchine** has paid a special attention to the introductions and exits of “non-woven” lines, by shaping them to the needs and the standards imposed by the sector and now it is able to supply complete and dedicated systems (winders, unwinders, J-Box, conveyor belts, etc.).

Especially, thanks to an advanced electronic technology, Corino Macchine has revolutionised in a substantial way the winding and unwinding operations, whose main features we sum-up here below:

- perfect rolling up, it does not matter the working speed, by means of a PID algorithm combined with the servo-diameter adjuster;

- precise control of the fabric tension with load cells and a high sensitivity compensating roller;
- running of the process by means of easy receipts;
- use of a PLC for the processing of the different working parameters and for the synchronisation between motors;
- interaction of the operator with the machine by means of a touch screen display with the visualisation in real time of the working data (speed, fabric tension, type of recipe, etc.);
- possibility to centralise the data, for their controlling and registration.

Thanks to their reliability and versatility, the new Corino Macchine solutions for introduction and exit can be used for a huge range of non-woven products.

