



Release paper finishing and roller coating thermo adhesives on both full grain and corrected grain leathers can minimise the negative environmental impacts, with a reduction in energy waste and the elimination of emissions to atmosphere. CREDIT: GEMATA

Gemata add new variants to Greenfinish system

It has been more than two years since Gemata first introduced their Ecofinish release paper finishing lines with infrared drying ovens. At Simac Tanning Tech exhibition in 2019 they officially launched their new Greenfinish system (as reported in World Leather December 2019/January 2020). In October of 2020, Gemata introduced two new Greenfinish variants – The Greenfinish Short and the Greenfinish Lab.

To satisfy certain markets, such as Santa Croce sull'Arno where space is limited and the production lots are increasingly smaller, the Greenfinish Short line offers both a reduced cost and a reduced footprint. Compared to the larger system, the Short line measures only 20 metres in length, roughly half the length of the original. The compact system runs at a speed of 6-7 m/min, ideal for small production lots. The main difference with this system is the exclusion of the pneumatic accumulator, used to house and feed the release paper during roll changeover. Gemata's deputy general manager Mauro Pellizzari told *World Leather* "The Greenfinish Short line has been designed without an accumulator. This makes the process discontinuous because the line must be stopped when the release paper roll ends. On the other hand, it has the undoubted advantage of making the line more compact and cheaper. Above all for those tanneries that do not have lots so long as to work 8 or 12 hours continuously without changing the article".

The Greenfinish short will be installed at the company headquarter in Santa Croce sull'Arno and will be available for customer trials, allowing them to investigate release paper finishing.

In addition to the Greenfinish short, the company designed its Greenfinish lab, an even shorter version. At just 11 metres in length, it is suited to labs and chemical product companies. This setup can finish leather with the same production process as the commercial size machines but at a slower rate with a maximum speed of 2 metres per minute. The release paper for the new machines is 500mm wide and 1000 metres in length and requires downtime of 10-15 minutes to change the roll after every 3 hours of work. In comparison, the continuous release paper of the larger, original Greenfinish is 1800mm wide.

"Customers are very interested in this new way of coating, because it is also a way to investigate new markets in this complicated market situation," said Mr Pellizzari. 🌐