

NEW TECHNOLOGY, EVEN BETTER RESULTS

Fraser Anti-Static Techniques prides itself on its dynamic network of distributors who cater for customer needs across the globe. Fraser distributor, Boussey-Control Europe, recently worked alongside its customer Serialec to secure a new system of static control for its facilities.

Serialec manufactures adhesive labels in screen and digital printing based in France. Founded in 2002, it uses the latest technologies in digital, screen printing, and flexographic varnishing, to create the highest quality products to customers.

Serialec has used Fraser technology for many years, with the first Fraser bars installed in their facilities 14 years ago. A decision to upgrade their technology led them back to us to help them once again.



THE STATIC CHALLENGE

Serialec manufacture adhesive labels in screen printing on complex lines. During this process, the material is pulled and jerked, which causes static charge. This can prevent the material from advancing regularly, unless there is assistance from static control implements. This can result in wasted product, production line delays and ultimately impact on profit.

Through one of our French distributors, the Fraser team had installed 3pcs 1250-S AC bars to combat the issue over 14 years ago and were now due an upgrade to new products.

THE UPGRADE

The Fraser team upgraded the current 1250-S AC bars to the newer DC 3014 bars, which provide higher ionising power (7.5 kV) without the need for a separate power unit, all within the same dimensions as the AC bars being replaced.

After consultation from the Fraser team, the new bars were installed in a new layout to maximise their impact; one on the sheet cutter, one when they reel is unrolled, and one placed just after the sheet is cut. This allows them to have an 'unloaded' sheet pack that packs well and is ready to be cut or boxed. Without the bars, the sheets would stick together and lead to higher rates of rejection.

THE RESULTS

The upgraded technology has allowed Serialec to continue manufacturing adhesive labels without any costly downtime or complicated installation processes. The newly installed 3014 DC bars also incorporate an operational and 'clean-me' status LED, to make maintenance and fault finding much easier.

Marc-Olivier Epitoux, Managing Director of Serialec, said:

"We have been very pleased with the way the Fraser bars worked in our manufacturing processes over the years. However, when we realised new technology was available, we couldn't wait to test it out.

The installation process was quick and easy with the help of the Fraser team, and so far, we are really impressed with how well they have worked. The bars have allowed for better ink deposition on the material, meaning we have a better print result."