

A photograph of two men in business suits shaking hands in front of a large window. The scene is backlit by the window, creating a silhouette effect. A large, semi-transparent white circle is overlaid on the right side of the image, and a solid red square is in the bottom left corner.

case study

A solid red square.

ACelli

CUSTOMER CARE
CUSTOM NONWOVENS WINDER



Polymer Group Inc. (PGI France), now part of Berry Global, is a company focused on the production of nonwovens for the hygiene, wipes, medical, and industrial markets. With one of the largest global platforms in the industry, PGI operates manufacturing and converting facilities throughout seven countries. Its customers include multi-national and regional consumer and industrial product manufacturers.

- N° of employees: 200+
- N° of structures: 1
- Industrial sector: hygiene, wipes, medical, industrial applications

1 THE CHALLENGE

The request made by Berry Global was simple yet challenging. Their production plant, located in Bailleul, France, was using an obsolete winder acquired in the 1970s whose safety measures were not aligned to current regulations.

In addition, the machinery didn't respect the internal "No Touch" Berry politics, which provides that all moving parts, for safety, must not be accessible to the operator.

2 THE SOLUTION

A.Celli, thanks to its experience in the winding and rewinding field, proposed two solutions to the customer:

- Revamping of the machine, making it safe according to current regulations while maintaining the old structure. This intervention would not have brought great advantages in terms of production and functionality, apart from the introduction of an automatic slitting group to free the operator from the operation.

- Supply of a customized winder fully aligned with the new safety directives. In this case, we would have obtained an obvious increase in performance, with the possibility of reaching a higher winding speed in the event of revamping of the upstream line, and optimal winding management, as per A.Celli tradition.

The customer, after a careful analysis, opted for the purchase of a new winder.

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CUSTOM NONWOVENS
WINDER



3 THE RESULTS

The new winder has brought the expected benefits in terms of safety, as operators are no longer exposed to moving machine parts.

In addition to this, there has been an improvement in operability, since the cross-cutting and doffing processes are now fully automated, thus significantly reducing the number of manual operations required.

4 THE CUSTOMER'S STATEMENT

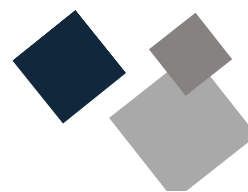
“ We really appreciated A.Celli's approach to our problem, giving us two viable solutions to solve it. In the end, we proceeded with the new custom-made rewinder, as the additional benefits couldn't be ignored, and we are happy with our choice. We now have a machine that is extremely safe, which we care about, and its performance is outstanding. ”



Luigi Rota
Berry Global
Technical Director



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