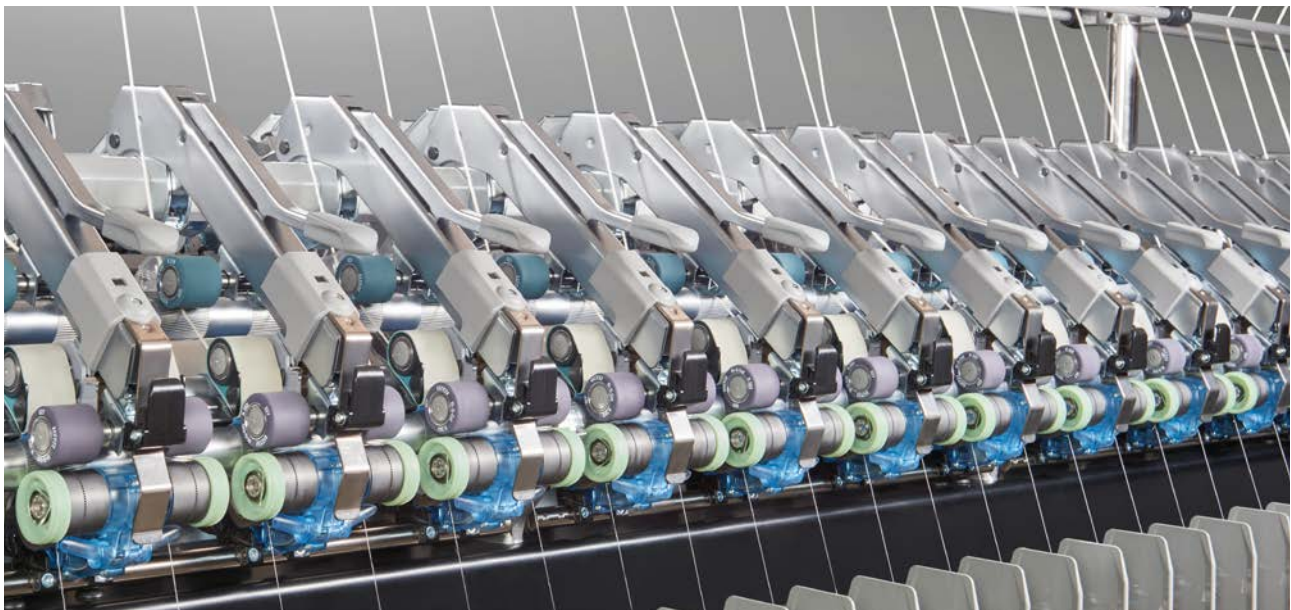


## COMPACTdrum: The flexible answer to a demanding market



Polopique was founded in 1996 in Portugal based on a long-term heritage in textiles by the founder family. Production is fully vertical from the spinning to the finished garments. Intermediate products are sold as well. The verticality does not only exist in manufacturing but also in designing of yarns, fabrics, and garments. The company works with a great variety of natural fibers, synthetics and their blends. Right now, Polopique produces more than 20 million garments a year and has more than 1 000 employees.

### The Challenge

Today, compact-spinning systems mainly produce yarns of cotton and viscose with low hairiness. The market requires quick changes, using all different kinds of fibers and blends, mostly in the medium yarn count range. New yarn designs with a wide variety of hairiness are required. However, long hairiness should be minimized. For weaving applications, tenacity is a second important parameter to ease downstream processing, including finishing as well as longevity in the garment.

### The Solution

In response to this dynamic market Polopique decided to install Rieter's new compacting device COMPACTdrum. This compacting device can easily be plugged on to the current models of Rieter ring spinning machines and allows compact spinning of nearly all types of fibers and blends. It is open for a very wide yarn count range. The important part is that yarn can be designed based on the requirements of the final product. Hairiness and tenacity can be adjusted anytime. Long hairiness causing pilling is eliminated to a larger extent than with any other compacting system.



## The Customer's Benefits

Polopique is now able to cover the requirements of the fashion market in almost every respect. New blends allow for applications that were never known before. New designs are highly in demand in this market. The very low hairiness results in better pilling characteristics and therefore higher longevity of the garment.



Polopique's machine park of ring spinning machines



## The Customer's Statement

*"We are extremely happy with the new compacting devices. The demand of the market is continuously changing. The fashion market requires innovations of yarns, fabrics, and designs. Rieter's new compacting device COMPACTdrum helps a lot in meeting the market needs. The possibility to use all types of blends enables us a lot feeding the market with novelties. Also in cotton, we have a lot of brilliant ideas to stay ahead with COMPACTdrum."*

**Luís Guimarães**

Chairman of the Polopique Group

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