

Roller-Air Spinning

A lengthy Research & Development collaboration between industry and academe



Bolton University's forerunner was called the Bolton Insitute and was one of the main providers of textile education in the United Kingdom.

Even though the call for UK-based TextileTechnology courses has significantly reduced, the University still boasts some of the finest textile facilities in Europe - facilities that match its reputation across the world for teaching, research & consultancy.

Bolton University's Faculty of Technology has freely provided technical assistance to the Roller-Air Project since its initial inception in March 1986.



A crucial aspect of this industry & academe collaboration is the provision of computer-aided facilities within the Faculty's yarn-testing laboratory. Without these facilities, the many years of exhaustive yarn evaluation trials wouldn't have been possible.



In its collection of textile machines, the University has a Schlafhorst Autocoro 24 position Rotor spinning machine. Using this machine, we are undergoing a 9 month R&D exercise to demonstrate that the removal of rotor spin-boxes and retrofitting with individual motor driven Roller-Air spin-boxes will be a profitable proposition.

