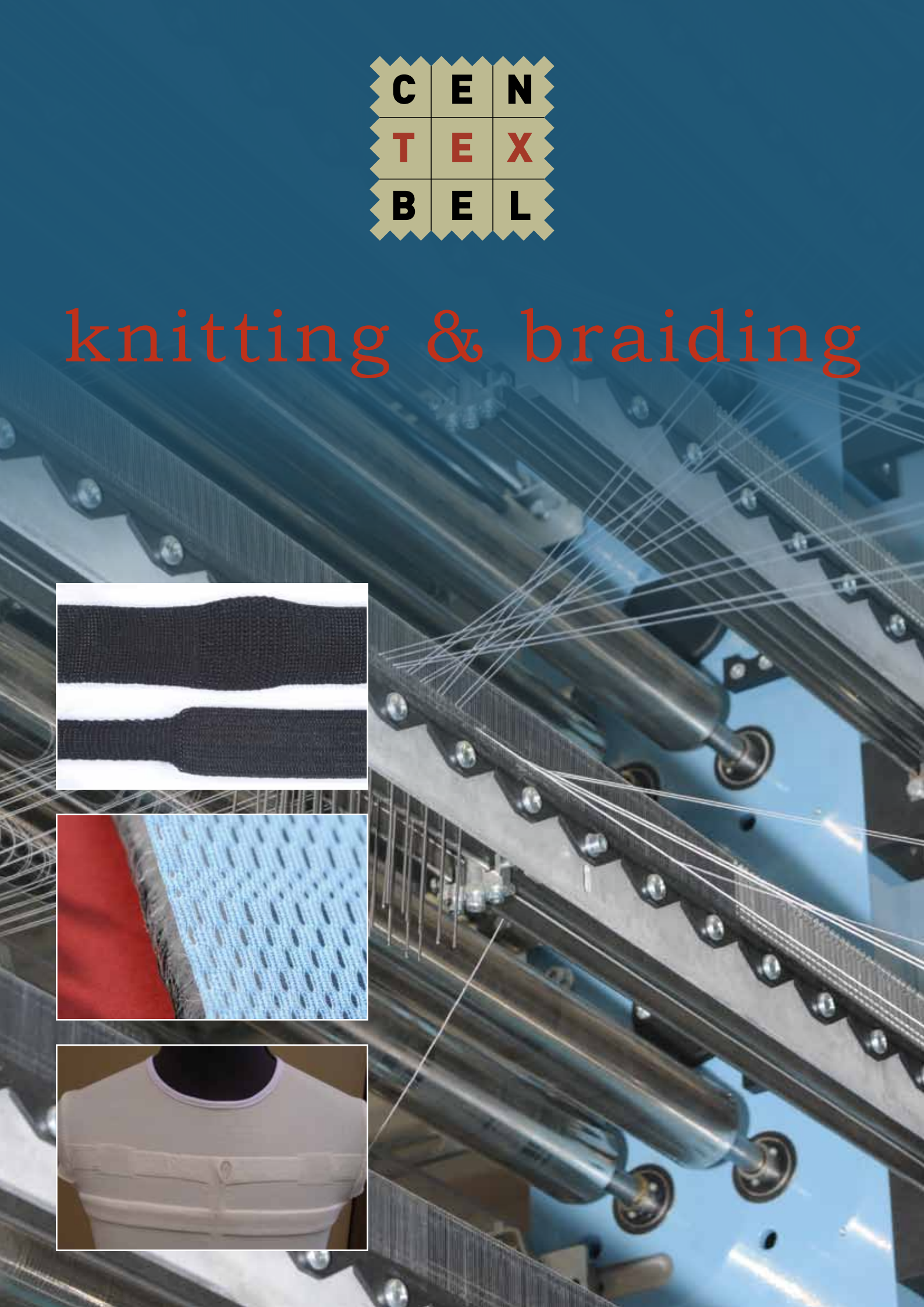


C E N  
T E X  
B E L

knitting & braiding

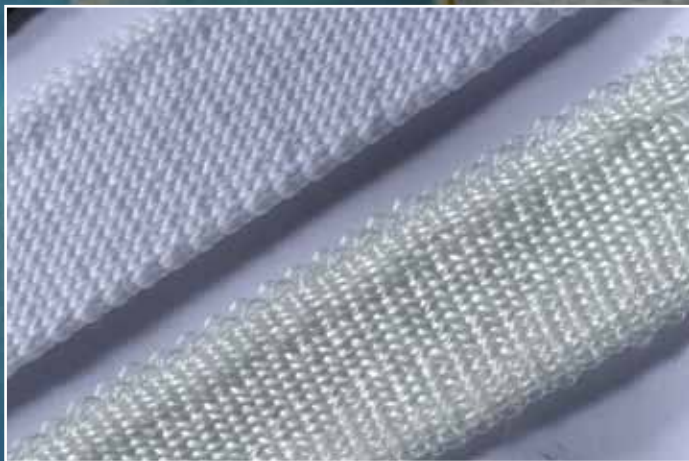


## textile platform for knitting and braiding processes

This textile platform consists of knitting and braiding machines and allows Centexbel to experiment and acquire knowledge, to perform R&D projects and to translate this know-how into innovating industrial applications in the fields of smart, medical and industrial (technical) textiles.

Centexbel assists the European textile companies in maintaining and reinforcing their competitive position through the creation of high quality and performant textile products.

The textile processing platform is constantly being upgraded thanks to the active co-operation with machine manufacturers, European and regional funding agencies and with textile manufacturers.

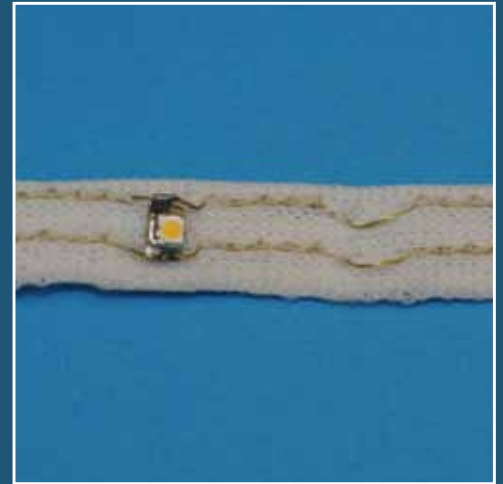
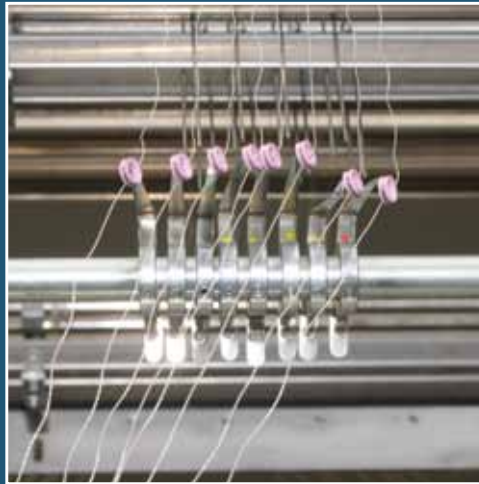
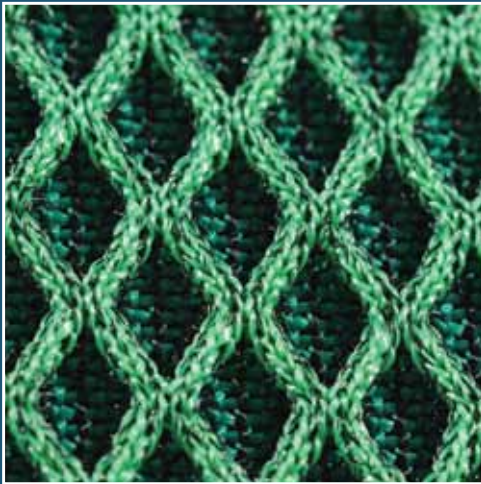


## services

- consultancy on process optimisation, product development, sustainable production methods
- assistance in exploration, evaluation and implementation of innovating processes
- process audits
- product certification
- problem solving
- technology watch
- patent search
- (in-company) training sessions and seminars
- dissemination of information through newsletters and website

## research & development

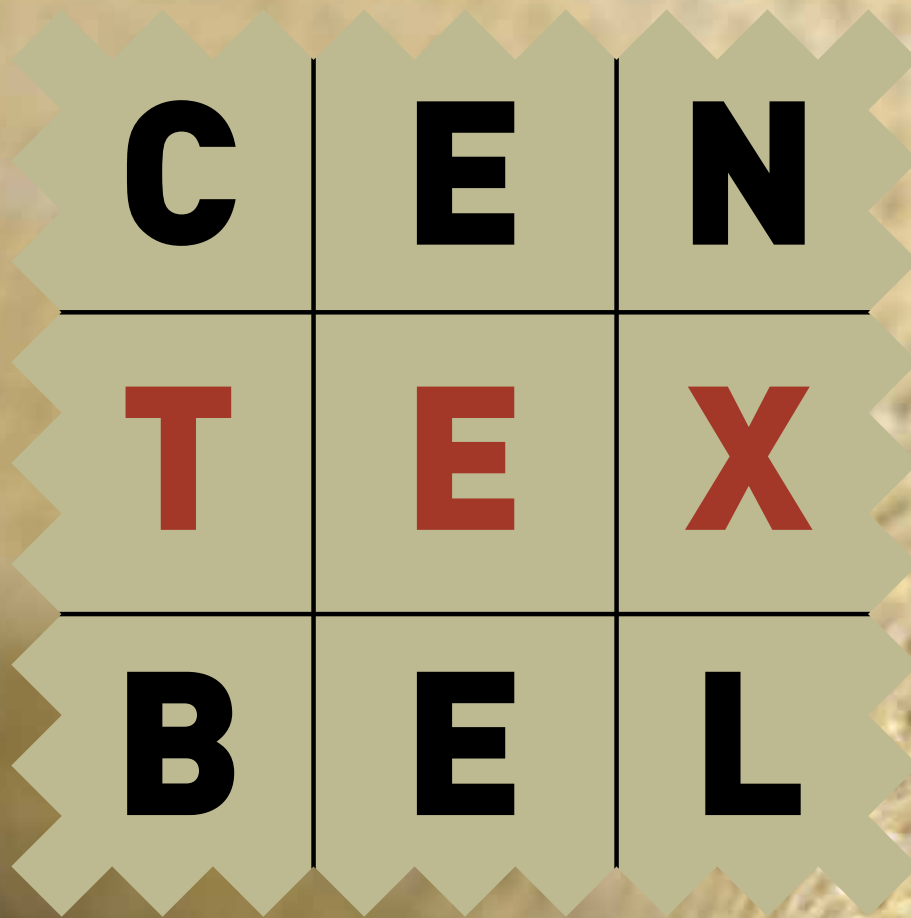
1. yarn engineering and development of performant textiles for high-end applications
  - conductive yarns
  - embedded electronics and textile electronics : antennas, keyboards, sensors...
  - tissue engineering for medical applications
  - textile reinforced thermoplastic composites
2. textile finishing, coating and laminating
3. functionalisation
  - smart textiles (e-textiles, assistive textiles)
  - comfort (sensorial, physiological, olphactory, acoustic, optical...)
  - conductivity
  - barrier properties, cell proliferation



## testing

Centexbel runs four BELAC ISO 17025 accredited testing laboratories to analyse the burning behaviour, as well as the mechanical, chemical, microbiological and other relevant parameters of textile products, from raw material to finished product.





**YOUR PARTNER IN TEXTILE PRODUCT DEVELOPMENT**

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