

The background of the image is a close-up, slightly blurred view of a textile loom. Numerous vertical threads are stretched across the frame, creating a dense, rhythmic pattern. In the lower-left corner, a portion of the loom's metal frame and a shuttle are visible, adding a sense of industrial context.

TR ROYOTEC

THE MOST ADVANCED TECHNOLOGY
FOR THE STRONGEST PROTECTION
BY TEJIDOS ROYO

Royotec : created to stand out

Royotec is a textile company with more than **120 years of history** and experience that make it one of the leading companies in our sector.

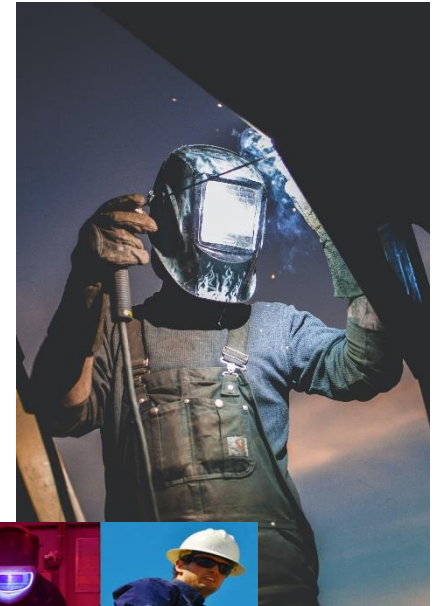
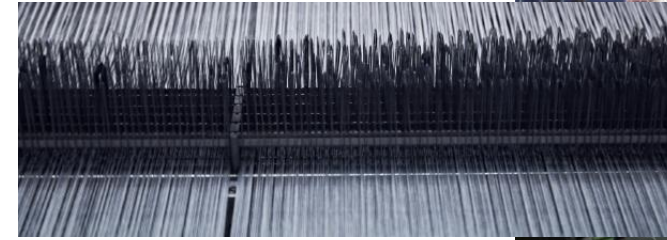
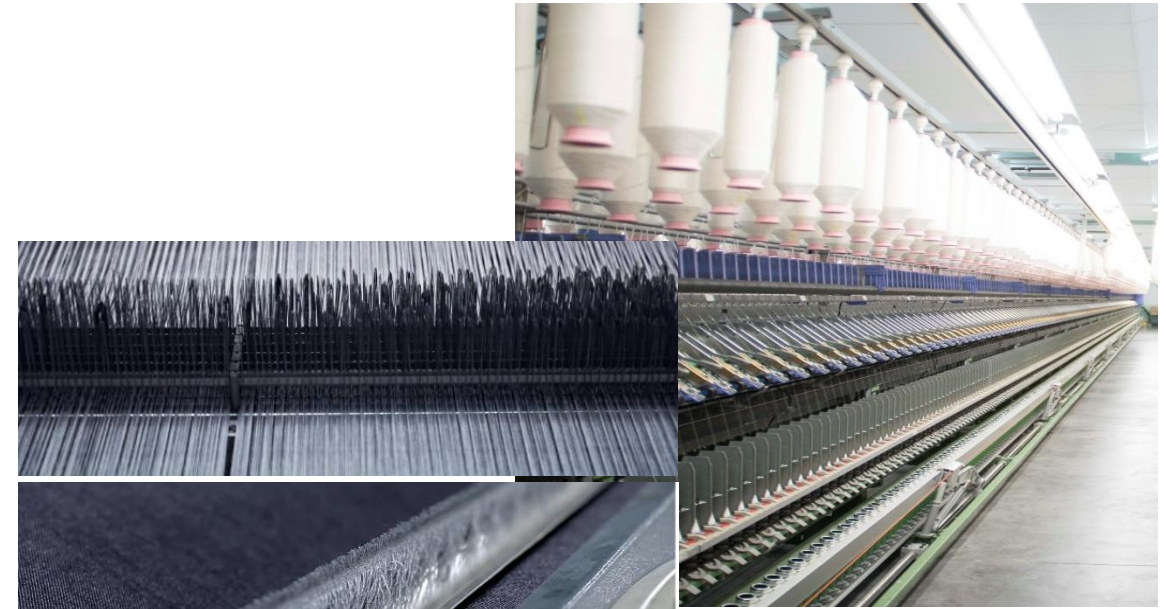
We are 100% vertical. We handle the entire fabric manufacturing process for complete control and to ensure great flexibility, which enables us to meet our customers' needs.

We manufacture in Europe in accordance with current legislation and with the utmost respect for the environment, providing products and processes with sustainable solutions.

Textile solutions for protective clothing

Our spinning and weaving mill are focused on manufacturing fabric for protective garments, suitable for different professional and sport activities, in order to provide a market differentiation and with added value component.

Our target is to make our client needs come true .



Our production is environmentally and socially sustainable.

Our history is marked by the development of the most advanced Industrial process techniques, following high quality standards and traceable sustainable parameters along the entire value chain. All our production is made in Spain, with EU legislation provided with official certifications.



Fibers

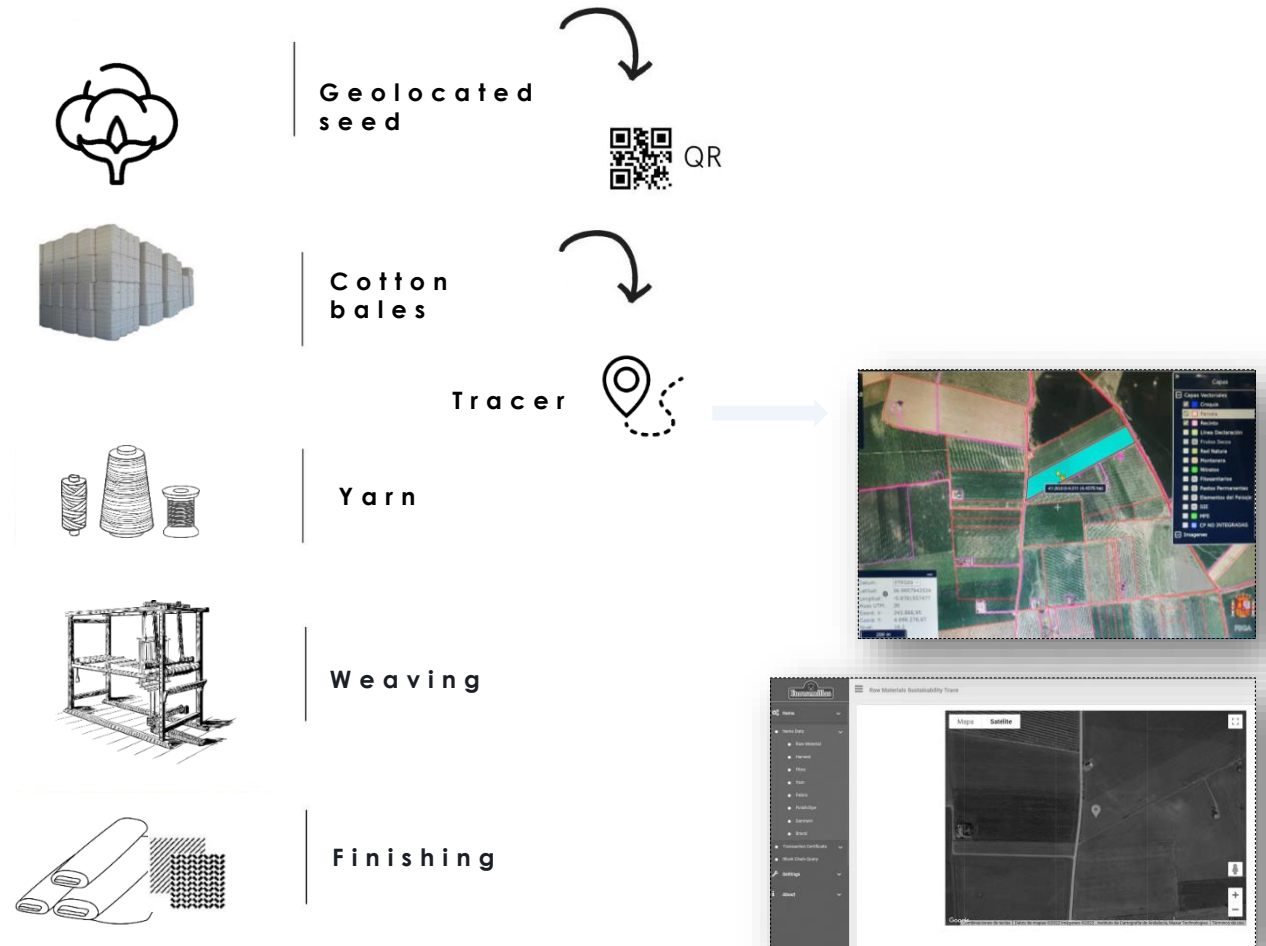
Our cotton

We present the project **"FROM SEED TO FABRIC"**. Sustainability of national cotton, geolocation, traceability and reduction of the carbon footprint in the textile process.

Together with Eurosemillas and Taylortex, we have developed a project for the geolocation of seed cotton in Andalusian fields. The aim is to be able to identify/track the seed of this fibre from the beginning to the end of the supply chain.

This ROYO NEW PROJECT "FROM SEED TO FABRIC" revolves around four vertical axes:

- 1.-National cotton (GMO free).
- 2.-Geolocated seed, Eurosemillas.
- 3.-Reduction of the carbon footprint through local production.
- 4.-Traceability throughout the value chain.



In the gin, **the tracer is added to each bale (1 kg of tracer per tonne of cotton)**. The amount of tracer is so small that it is not visible to the human eye.

From this point on, the cotton bales have been traced and geolocated. Everything is in the cloud and manufacturers cannot change anything in the computer system.



Items

QR Code

About

Raw Materials Sustainability Trace

Tejidos Royo Admin

Item Tracking

Thread

Code: W1N3-LJLL-4Y19-40W0

Creation Date: 22/04/2023

Organization: Tejidos Royo S.L.

Fiber/Bale

Code: UYQH-HW5X-G286-88NT

Creation Date: 22/04/2023

Organization: Eurosemitex

Fiber/Bale

Code: 08M6-W022-4651-1C8E

Creation Date: 22/04/2023

Organization: Eurosemitex

Fiber/Bale

Code: 1M6U-PTT1-4216-70Y0

Creation Date: 22/04/2023

Organization: Eurosemitex

Fiber/Bale

Code: P2BL-89Y1-M7H0-2248

Creation Date: 22/04/2023

Organization: Eurosemitex

Fiber/Bale

Code: 1M6U-PTT1-4216-70Y0

Creation Date: 22/04/2023

Organization: Eurosemitex

Map Preview

Documents and files

REDUCTION OF CARBON FOOTPRINT

We reduce **62% of CO2** by purchasing national cotton.

This means that 71.95 kg of CO2 equivalent per tonne of cotton purchased in Spain is avoided. Buying locally is essential for the future of textile industry.

Our standard blends and yarns

Nm	Composition (%)	special operations	Presentation	Length staple fiber	Others
1/34 1/40 1/45 1/50 2/40 2/45	55% modacrylic LOI 34 45% combed cotton	For Knitting : Parafined and waxing For Weaving : vaporised	Cones : 3 Kg Pallets : 400 Kg	51 mm	
1/40 1/45 1/50 2/40 2/45	55% modacrylic LOI 34 44% combed cotton 1% Antiestatic NO SHOCK Dark grey (staple) or Belltron Ultrawhite	For Weaving : vaporised	Cones : 3 Kg Pallets : 400 Kg	51 mm	Antiestatic yarn
1/40 1/45 2/40 2/45	43% modacrylic LOI 34 36% combed cotton 21% polyamide 66 HT 45 Den	For Weaving : vaporised	Cones : 3 Kg Pallets : 400 Kg	51 mm	Corespun yarn
1/40 1/45 2/40 2/45	47% modacrylic LOI 34 32% combed cotton 21% polyamide 66 HT 50 Den	For Weaving : vaporised	Cones : 3 Kg Pallets : 400 Kg	51 mm	Corespun yarn

Our know-how

Ring spun
Corespun
Dual core
Raw White and colours



Workprotection fabrics

Our technical fabrics can be made in two options : with denim fabric or piece dyed. Both are technical fabrics for the manufacture of protective workwear clothing. They comply with international certificates for different uses, as well as with the EU and international legislation in force. Our products can cover different professional activities:

Electric Arc Protection Fabrics

Technical fabrics for the manufacture of garments used by staff that need protection against burns caused by high-voltage electric shocks.

Molten Splash Protection Fabrics (welding)

These are technical fabrics for garments that are used by staff exposed to weld spatter and such work environments.

Protective Fabrics for Atex Zones

These are technical fabrics used to manufacture clothing for staff exposed to hazardous explosive atmospheres.

Flame Protection Fabrics

Technical fabrics for manufacturing garments to be used by staff in need of conductive or radiant heat and flame protection.



EN 1149



EN 11611



IEC 61482-2



EN 20471



EN 11612



EN 61482-1-2





Contact
(+34)961 240 300
Address : Pol. Ind. Picassent- C. cuatro s/n .
46220 Picassent- Valencia
Spain