

THE
CIRCLE BOOK
SECOND EDITION

ACT TOGETHER



Circular fashion and traceability are an increasingly emerging demand that has led us to develop a collaborative project.

For this reason the synergy of companies was born guided by the **“Act Together”** motto, which in 2020 was given life to a work tool called THE CIRCLE BOOK. This book demonstrates how **it's possible to create designs and projects related to responsible circular fashion.**

After the digital experience of the first edition in 2020, we are glad to continue this collaboration by expanding the network to professionals in the sector. The goal is a physical realization of a denim collection **by merging the Team's sustainable technologies** in the best possible way to reduce production waste and create **clothes traced from fiber to finish.**

THE CIRCLE BOOK FOUNDERS

LENZING www.lenzing.com

MEIDEA www.meidea.it

OFFICINA+39 www.officina39.com

THE PARTNER COMPANIES

CALIK DENIM Denim Mill calikdenim.com

TEJIDOS ROYO Denim and Sportswear fabrics www.tejidosroyo.com

CRAFIL Stitching Yarn crafil.pt

DR BOCK INDUSTRIES Garments Makers www.drbockindustries.com

RIBBONTEX Labels and ribbons www.ribbontex.it

SPRING 85 Buttons and Rivets www.spring85.it

RGT LAUNDRY www.drbockindustries.com/rgt-italy



CULTURE·IN

THE COLLECTION

CULTURE'IN

The inspiration behind the project comes from the way of living.

In the future our homes will be transformed into self-sufficient ecosystems / habitats, in which we live comfortably and evolve together with the people who live in them.

This interconnection develops with less environmental impact and producing little waste.

Nature integrates into spaces, influencing and merging with clothing to become an extension of the outdoors / atmosphere.

We conceived and designed the collection following the guidelines of circularity to include elements that can be incorporated into the production, recycled and degradable materials, items that can be easily disassembled and reassembled, as well as being accessible to many people. While considering the design, conservation of resources and the durability of the final product.



CULTURE'IN

Smart design

Essential shapes for reducing waste

We reasoned in the initial design to change its approach, condensing the models to reduce cuts, seams and fabric to make it functional and practical also for the production part of the THE CIRCLE BOOK project.

"Transparency is the basis of the entire project, starting from the creative idea, on the fibers, on the fabrics, on the accessories, up to the finishing and on the final garments developed with a lower environmental impact and designed to produce little waste."



TCB2-01
BOXY T-SHIRT
CULOTTES PANTS
APRON



TCB2-02
FLUID COAT
KOREAN LONG SLEEVE
SHIRT
BAGGY CHINO



TCB2-03
BALLOON-SLEEVE
OVERSIZE JACKET
LOOSE OVERALLS



TCB2-04
REVERSABLE
WORKWEAR VEST
WORKWEAR SHORTS
SKINNY PANTS
BOXY T-SHIRT



TCB2-05
LONG RAIN CAPE
FLARED STRETCH PANTS
VEST DRESS



TCB2-06
OVERSIZE UTILITY JACKET
UTILITY PANTS
KOREAN LONG SLEEVE
SHIRT
SHOPPER

CULTURE'IN

THE OUTFITS



TCB2-O1



TCB2-O1





TCB2-O1

APRON



FABRIC: TEJIDOS ROYO BIZET
COMPOSITION: 66%CO 31%TENCEL™ X REFIBRA™
LYOCELL 3%EA (BCI COTTON, REFIBRA & CREORA)

PROCESS: PRE-TREATMENT BY NEBULIZATION,
NEBUDYE DYEING BY NEBULIZATION AT LOW LIQUOR
RATIO (1:1)
COLOR: NEBUDYE 19.2033

YARN: CRAFTIL CELOFIL ®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS
MADE IN 100% RE-USE OF PROCESSING WASTE,
CLEANING AND POLISHING DONE THROUGH CORNCOBS
OR WOOD SAWDUST SAWDUST FROM THE WASTE OF
SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN
EMBROIDERED RIBBON: RIBBONTEX 100% ORGANIC
COTTON

BOXY T-SHIRT



FABRIC: CALIK DENIM BLOOMA HUNTER BLUE
COMPOSITION: 50%CO 40%TENCEL™ Lyocell
8%T400 2%LYCRA

PROCESS: AQUALESS MISSION BY AQUALESS AGED
AND OZ-ONE POWDER, GEL DYEING WITH RECYCROM™
SPECIAL

COLOR: RECYCROM™ SPECIAL 15.1912

YARN: CRAFTIL DENIMFIL ECO ®

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN

CULOTTES PANTS



FABRIC: TEJIDOS ROYO BIZET
COMPOSITION: 66%CO 31%TENCEL™ X REFIBRA™
LYOCELL 3%EA (BCI COTTON, REFIBRA & CREORA)

PROCESS: PRE-TREATMENT BY NEBULIZATION,
NEBUDYE DYEING BY NEBULIZATION AT LOW LIQUOR
RATIO (1:1)
COLOR: NEBUDYE 19.2033

YARN: CRAFTIL CELOFIL ®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS
MADE IN 100% RE-USE OF PROCESSING WASTE,
CLEANING AND POLISHING DONE THROUGH CORNCOBS
OR WOOD SAWDUST SAWDUST FROM THE WASTE OF
SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN



TCB2-O2



TCB2-O2





TCB2-O2

KOREAN LONG SLEEVE



FABRIC: TEJIDOS ROYO NAIKAI
COMPOSITION: 100% TENCEL™

PROCESS: AQUALESS MISSION BY AQUALESS AGED AND OZ-ONE POWDER, RECYCROM™ DIRTY

COLOR: RECYCROM™ DIRTY 15.6123

YARN: CRAFTIL DENIMFIL ECO ®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS MADE IN 100% RE-USE OF PROCESSING WASTE, CLEANING AND POLISHING DONE THROUGH CORNCOBS OR WOOD SAWDUST SAWDUST FROM THE WASTE OF SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN

FLUID COAT



FABRIC: CALIK DENIM JUAN LIBER BLUE
COMPOSITION: 40%TENCEL™ Lyocell 40%CO 20%HA

PROCESS: RAW TREATED WITH WET RUBBING IMPROVER FIXING AGENT NOVOFIX WRI-S

YARN: CRAFTIL DENIMFIL ECO ®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS MADE IN 100% RE-USE OF PROCESSING WASTE, CLEANING AND POLISHING DONE THROUGH CORNCOBS OR WOOD SAWDUST SAWDUST FROM THE WASTE OF SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN
EMBROIDERED RIBBON: RIBBONTEX 100% ORGANIC COTTON

BAGGY CHINO



FABRIC: CALIK DENIM ROBIN
COMPOSITION: 75%CO 25%TENCEL™ Lyocell

PROCESS: RECYCROM™ ECO MARBLE BY RECYSPEC CO
COLOR: RECYCROM™ 18.1326

YARN: CRAFTIL CELOFIL ®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS MADE IN 100% RE-USE OF PROCESSING WASTE, CLEANING AND POLISHING DONE THROUGH CORNCOBS OR WOOD SAWDUST SAWDUST FROM THE WASTE OF SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN
RIBBONS: RIBBONTEX



TCB2-O3



TCB2-O3





TCB2-O3

LOOSE OVERALLS



FABRIC: CALIK DENIM MARVEL AIR BLUE
COMPOSITION: 80%TENCEL™ Lyocell 20%CO

PROCESS: AQUALESS MISSION BY AQUALESS AGED AND OZ-ONE POWDER, GEL DYEING WITH RECYCROM™ SPECIAL
COLOR: RECYCROM™ SPECIAL 15.1912

YARN: CRAFIL DENIMFIL ECO®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS MADE IN 100% RE-USE OF PROCESSING WASTE, CLEANING AND POLISHING DONE THROUGH CORNCOBS OR WOOD SAWDUST SAWDUST FROM THE WASTE OF SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN

BALLOON-SLEEVE OVERSIZE JACKET



FABRIC: CALIK DENIM FRIGO D-CLEAR LIBER BLUE
COMPOSITION: 61%CO 20%HA 15%TENCEL™ Modal 3%T400 1%LYCRA

PROCESS: AQUALESS AGED, SMART BLEACH BY NEBULIZATION, NEBUDYE DYEING BY NEBULIZATION
COLOR: NEBUDYE 15.1912

YARN: CRAFIL DENIMFIL ECO®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS MADE IN 100% RE-USE OF PROCESSING WASTE, CLEANING AND POLISHING DONE THROUGH CORNCOBS OR WOOD SAWDUST SAWDUST FROM THE WASTE OF SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN



TCB2-O4





TCB2-O4





TCB2-O4

BOXY T-SHIRT



FABRIC: CALIK DENIM BLOOMA HUNTER BLUE
COMPOSITION: 50%CO 40%TENCEL™ Modal 8%T400 2%LYCRA

PROCESS: AQUALESS MISSION BY AQUALESS AGED AND OZ-ONE POWDER, GEL DYEING WITH RECYCROM™ SPECIAL

COLOR: RECYCROM™ SPECIAL 15.1912

YARN: CRAFTIL DENIMFIL ECO ®

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN

REVERSABLE WORKWEAR VEST WORKWEAR SHORTS



FABRIC: CALIK DENIM FRIGO D-CLEAR LIBER BLUE
COMPOSITION: 61%CO 20%HA 15%TENCEL™ Modal 3%T400 1%LYCRA

PROCESS: RAW TREATED WITH WET WET RUBBING IMPROVER FIXING AGENT NOVOFIX WRI-S

YARN: SHORTS CRAFTIL DENIMFIL BIO ® / VEST CRAFTIL DENIMFIL ECO ®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS MADE IN 100% RE-USE OF PROCESSING WASTE, CLEANING AND POLISHING DONE THROUGH CORNCOBS OR WOOD SAWDUST SAWDUST FROM THE WASTE OF SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN

SKINNY PANTS



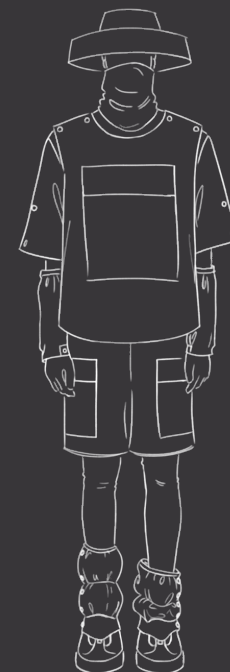
FABRIC: CALIK DENIM BLOOMA HUNTER BLUE
COMPOSITION: 50%CO 40%CLY 8%T400 2%LYCRA

PROCESS: RAW TREATED WITH WET RUBBING IMPROVER FIXING AGENT NOVOFIX WRI-S

YARN: CRAFTIL DENIMFIL BIO ®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS MADE IN 100% RE-USE OF PROCESSING WASTE, CLEANING AND POLISHING DONE THROUGH CORNCOBS OR WOOD SAWDUST SAWDUST FROM THE WASTE OF SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN



TCB2-O5



TCB2-O5





TCB2-O5

VEST DRESS



FABRIC: CALIK DENIM BLOOMA HUNTER BLUE
COMPOSITION: 50%CO 40%TENCEL™ Lyocell 8%T400 2%LYCRA

PROCESS: AQUALESS MISSION BY AQUALESS AGED AND OZ-ONE POWDER, GEL DYEING WITH RECYCROM™ SPECIAL
COLOR: RECYCROM™ SPECIAL 15.1912

YARN: CRAFIL DENIMFIL ECO ®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS MADE IN 100% RE-USE OF PROCESSING WASTE, CLEANING AND POLISHING DONE THROUGH CORNCOBS OR WOOD SAWDUST SAWDUST FROM THE WASTE OF SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN

FLARED STRETCH PANTS



FABRIC: CALIK DENIM ANTONIE ECRU ORG RB ROICA
COMPOSITION: 62%ORG CO 25%TENCEL™ Lyocell 12%CLYRB 1%ROICA

PROCESS: RECYCROM™ SPECIAL BY RECYSPEC NC, NOVAPRET PD-LUC/NEW BY NEBULIZATION

COLOR: RECYCROM™ 18.5016

YARN: CRAFIL DENIMFIL BIO ®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS MADE IN 100% RE-USE OF PROCESSING WASTE, CLEANING AND POLISHING DONE THROUGH CORNCOBS OR WOOD SAWDUST SAWDUST FROM THE WASTE OF SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN

LONG RAIN CAPE



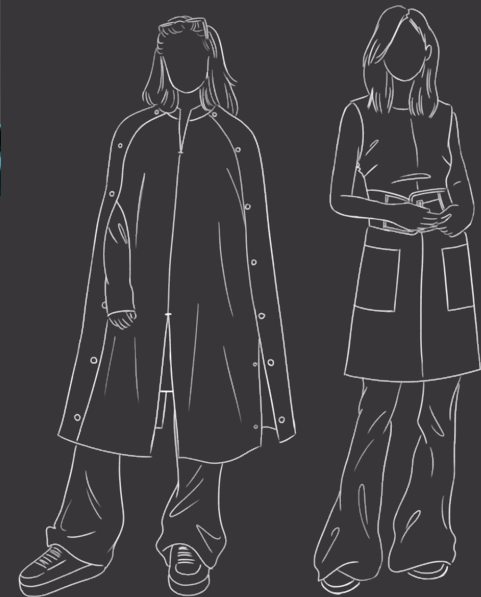
FABRIC: TEJIDOS ROYO BIZET
COMPOSITION: 66% CO 31% TENCEL™ X REFIBRA™ LYOCCELL 3% EA (BCI COTTON, REFIBRA™ & CREORA)

PROCESS: RECYCROM™ SPECIAL BY RECYSPEC NC, NOVAPRET PD-LUC/NEW BY NEBULIZATION
COLOR: RECYCROM™ 18.5016

YARN: CRAFIL CELOFIL ®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS MADE IN 100% RE-USE OF PROCESSING WASTE, CLEANING AND POLISHING DONE THROUGH CORNCOBS OR WOOD SAWDUST SAWDUST FROM THE WASTE OF SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN



TCB2-O6

TCB2-O6





TCB2-O6

KOREAN LONG SLEEVE



FABRIC: TEJIDOS ROYO NAIKAI
COMPOSITION: 100%TENCEL™ Lyocell

PROCESS: NOVASTONE NEBU BY NEBULIZATION,
SMART BLEACH, RECYCROM™ DIRTY
COLOR: RECYCROM™ DIRTY 15.6123

YARN: CRAFTIL DENIMFIL ECO ®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS
MADE IN 100% RE-USE OF PROCESSING WASTE,
CLEANING AND POLISHING DONE THROUGH CORNCOBS
OR WOOD SAWDUST SAWDUST FROM THE WASTE OF
SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN

OVERSIZE UTILITY JACKET



FABRIC: TEJIDOS ROYO ART UNIC
COMPOSITION: 64%CO 34%TENCEL™ x REFIBRA™
2%RECYLCED ELASTANE

PROCESS: AQUALESS MISSION BY AQUALESS AGED AND
OZ-ONE POWDER, RECYCROM™ DIRTY
COLOR: RECYCROM™ DIRTY 18.0426

YARN: JACKET CRAFTIL DENIMFIL ECO ® / PANTS CRAFTIL
DENIMFIL BIO ®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS
MADE IN 100% RE-USE OF PROCESSING WASTE,
CLEANING AND POLISHING DONE THROUGH CORNCOBS
OR WOOD SAWDUST SAWDUST FROM THE WASTE OF
SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN



UTILITY PANTS

SHOPPER



FABRIC: TEJIDOS ROYO ART UNIC
COMPOSITION: 64%CO 34%TENCEL™ x REFIBRA™
2%RECYLCED ELASTANE

PROCESS: AQUALESS MISSION BY AQUALESS AGED
AND OZ-ONE POWDER, RECYCROM™ DIRTY
COLOR: RECYCROM™ DIRTY 18.0426

YARN: CRAFTIL DENIMFIL ECO ®

BUTTONS AND RIVETS: SPRING 85 STEEL BUTTONS
MADE IN 100% RE-USE OF PROCESSING WASTE,
CLEANING AND POLISHING DONE THROUGH CORNCOBS
OR WOOD SAWDUST SAWDUST FROM THE WASTE OF
SAWMILL PRODUCTION DISCARDS.

LABELS: RIBBONTEX BIO-D NATURAL PURE 100% LINEN
EMBROIDERED RIBBON: RIBBONTEX 100% ORGANIC
COTTON, EMBROIDERY IN RECYCLED PET





THE
CIRCLE BOOK
SECOND EDITION

PARTNERS



Lenzing stands for ecologically responsible production of specialty textile fibers.

TENCEL™ Lyocell with REFIBRA™ technology is made from the renewable raw material wood, combined with upcycled cotton waste.

As a constant innovation leader, Lenzing is a partner to many global textile and non-woven manufacturers and drives many new technological developments. Lenzing strives for the efficient utilization and processing of all raw materials, offering solutions to help redirect the textile sector towards a closed-loop economy.

www.tencel.com - www.lenzing.com



We are a team with common passion for textile world and fashion.

A workshop of new ideas coordinated by qualified technicians, dedicated to developing innovative processes, and products, in particular for denim and garment fields.

Officina+39 offers a selected sustainable range of chemical specialties, dyestuffs and pigments, called TRUSTAINABLE.

TRUSTAINABLE means innovation, sustainable practices, clean information, transparency and social responsibility.

TRUSTAINABLE practices include use of less hazardous chemicals; minimizing the impact of surrounding environments; and recycling waste, reducing power usage, water conservation. TRUSTAINABLE it becomes, first of all, our ethical mindset.

www.officina39.com



Meidea is a creative company that offers clients a complete and effective made-to-measure consultancy in the development of the brand's image, product design and industrial processes' innovation.

Established in 2004 in the north-east of Italy, Meidea brings together a group of skilled professionals with international experience in the textile, fashion, photography, graphics and architecture sectors.

Meidea works with the "traceability of creativity" and sustainable mindset as main guidelines in order to offer unique and high quality projects.

www.meidea.it

CALIK DENIM

As one of the global actors in denim fabric production, our company is placed among the two hundred companies that export the most in Turkey.

Established in 1987 with an investment of \$111 million, our company has grown up to a production capacity of 55 million meters per year with its more than 660 weaving looms in a covered area of more than 770 thousand square meters, employing over 2,700 people.

As a reliable solution partner that creates value for its customers, we export to more than 40 countries on 4 continents including USA, UK, Netherlands, France, Scandinavia, the Far East, Portugal, Italy, Tunisia, Morocco and Spain.

Today we have fulfilled precious pieces of our dream, leading the industry with our collections containing both commercial and innovative fabrics; producing sustainable and organic denim fabrics, preserving the environment consciously. Today we are driven to sustain our passion for a sustainable world, as we have designated and declared "sustainability" as an essential piece of who we are and what we stand for. Our passion for denim invokes our passion for life. We are committed to create positive value. We envision generating benefits for life, while positively transforming the impact denim has on life. Our passion drives us to become a leading denim brand to create change in the industry.

www.calikdenim.com - productmarketing@calikdenim.com



Spring '85 set up its business in 1985 producing accessories for clothing such as jeans buttons, snaps and rivets, with the purpose of creating "ad hoc" products for fashion companies all over the world.

The attention of the global market to sustainability has oriented the company towards an attitude of continuous improvement in respect of both social issues and environment.

The primary aim of the company's ethic code is to satisfy the needs of collaborators and customers by promoting a high level of professionalism. The values in which the company firmly believes are collaboration and social responsibility.

Constant control of the supply chain and verification of the origin of the raw material, allows us to offer the customer a safe, certified and qualified product.

The raw materials are regenerated without the use of water and chemical additives.

During the various production processes, the water has been replaced by wood flour and corncob flour to wash and polish.

The photovoltaic system installed on the roofs of the entire structure allows energy savings that can be translated into - 56% emissions of CO2 greenhouse gases per year.

www.spring85.it



Ribbontex

Ribbontex Srl is a company based in S. Giorgio in Bosco (PD) with two internal divisions, distinct but interconnected: the first for ribbons, cords, waistbands, elastic bands and the second for accessories for the fashion world. The company management makes well-founded but rapid strategic choices, which allow them to respond respectively to the ever-changing requests of their market. The story of the Rosa family in the production of ribbons started in 1980. Today Ribbontex has a production site of 16,000 square metres, 3 patents and it works with more than 30 countries. Ribbontex has always had an eye on ethical and sustainable aspects. The company has a real “green” heart and constantly works on the evolution of production processes to make them more eco-friendly, using raw materials with less environmental impact, banning solvent inks from its prints and replacing them with water-based ones.

ribbontex.it



Tejidos Royo is a Spanish manufacturer of fabrics with more than 100 years, international vocation and sustainable spirit.

As a part of its DNA, Tejidos Royo has always maintained a total commitment to the sustainability and protection of human rights throughout the whole value chain.

Following this philosophy, Tejidos Royo takes the United Nations Sustainable Development Goals (SDG) as its own as the best path to sustainability through our protocol conductor of sustainability 360° and innovation for the next years.

We bet and invest in R&D & Innovation always with the focus in sustainability. 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. Our company is vertically structured, with a yearly capacity of 20 million meters (Spinning - Indigo - Weaving - Piece Dyed /PPT- Special Coatings).

COLLECTIONS

Our fabrics are manufactured in an environmentally and socially sustainable way. Quality and service is our reason for being.

- FASHION & DENIM. Since 1903 creating Denim & Sportswear fabrics inspired by each season's trends and aimed at meeting the needs of our customers.

- ROYO ORIGINALS: It was born in 2016 as a new proposal for the market. This brand offers fabrics with special finishes and the most innovative textile techniques. “Originals” is a step forward and its products are a valuable new offering recommended for brands targeting an elegant, modern and cultured man with an avant-garde look always keeping the values of tradition.

- ROYOTEC: technical fabric for professionals, products that require very demanding approval standards and are used to produce garments for the protection and care of people.

www.tejidosroyo.com





Crafil started its activity in 2004 in Riba de Ave, dedicating itself to the supply of industrial sewing threads. With a great passion for the product, a strong desire to make it cross borders and a great desire to explore new ideas and techniques, the company grew in the following years responding creatively to an increasingly competitive market. Since it is a “living” material, which reacts in different ways to different processes, denim has been a great point of interest and great passion since the company’s start. Exploring all its specificities and how to adapt and find creative solutions in this area, the company decided to invest in the sharing and awareness of educators and students in this field, namely in the “House of Denim” in Amsterdam. In this sharing, the denim professionals are elucidated for the technical skills of the lines, their multiple characteristics and their unlimited creative capacities. Personalized service, quality and direct contact with customers are essential premises for the company, which allowed it to grow, adapt and continue the work it has been developing so passionately. Crafil is part of the generation of companies that continues to believe in the future of the Portuguese textile industry, the result of a young and energetic mentality that wants to be present in the world.

crafil.pt/en



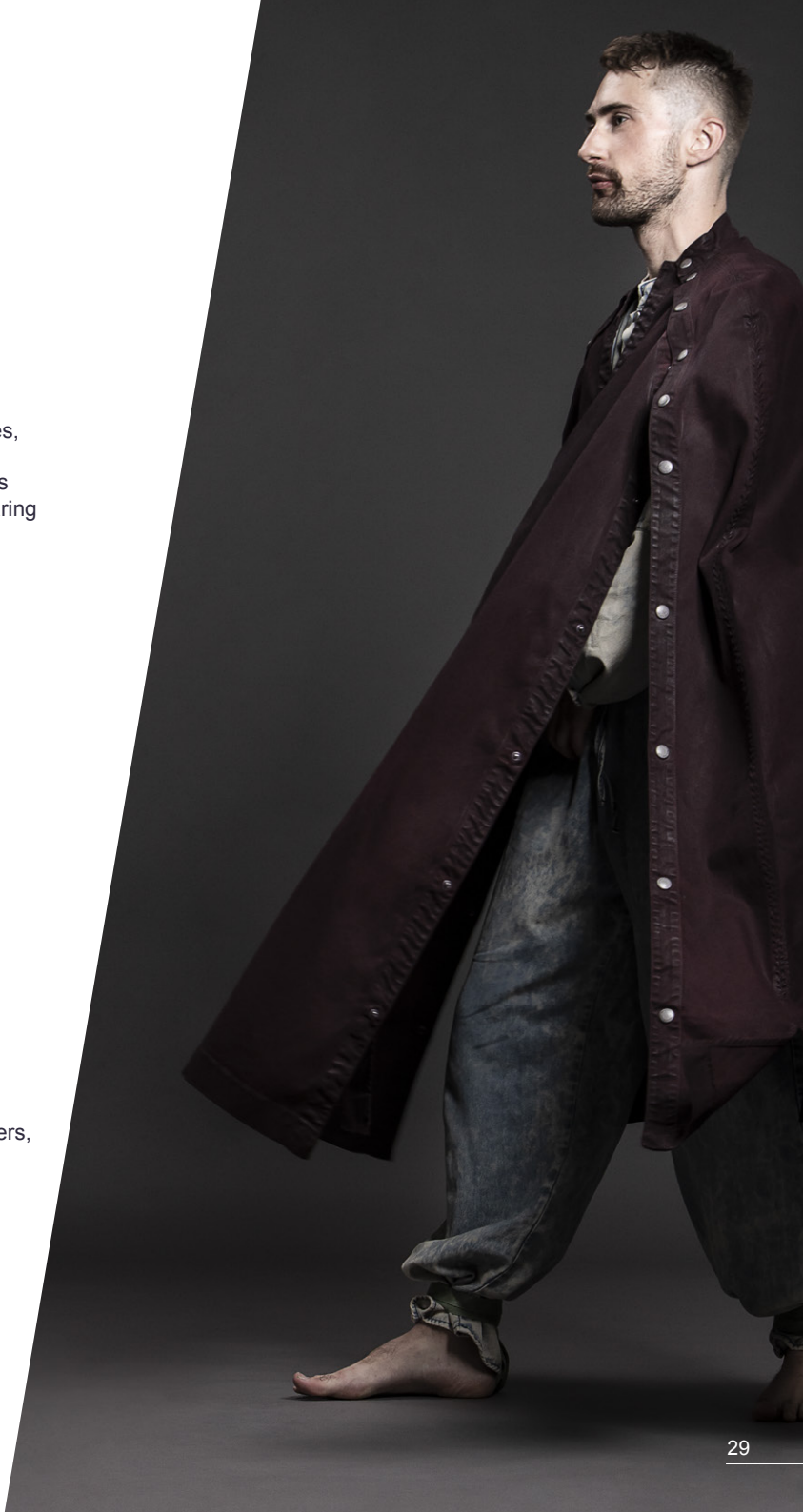
Starting in 1984 as a CMT company, Dr. Bock Industries AG today offers the full service in trouser manufacturing, including design, sourcing of fabric and trimmings, washing and dyeing, and special effects – all from a single source and realized in 9 units that are located in Romania, Bulgaria, Ukraine, Italy, and Germany.

Our company has earned its outstanding reputation through the quality of its products, the creativity of its staff, on-time delivery and a commitment to exceptional customer service. Using modern technologies, Dr. Bock Industries offers a large choice of men’s trousers, from the simplest style to the most sophisticated. In recent years we have also been moving into the womenswear markets.

The manufacturing process takes place in nine units, comprising five trouser factories in Romania and Ukraine, and washing/dyeing plants in Romania, Bulgaria, Ukraine and Germany as well. Since 2013, the new unit RGT Italia in Padua has been acting as our creative development unit for the fashion design of surfaces and treatments.

Sustainability is our attitude: we have committed ourselves to achieve significant impact according to the 17 Sustainable Development Goals for a better future by the United Nations. The guiding principle is to enable a decent life worldwide while at the same time preserving the natural foundations of life in the long term.

www.drbockindustries.com





THE
CIRCLE BOOK
SECOND EDITION

FIBER AND TECHNOLOGY



REFIBRA™ technology

Based on the award-winning efficient closed loop production process as standard TENCEL™ x REFIBRA™ Lyocell technology is Lenzing's first step to contribute to the circular economy in textile industry. The pioneering REFIBRA™ technology involves upcycling cotton scraps from garment production.

These cotton scraps are transformed into cotton pulp. A substantial proportion - up to one third - of this is added to wood pulp, and the combined raw material is transformed to produce new virgin TENCEL™ Lyocell fibers to make fabrics and garments. In the emerging circular economy of the future, nothing is treated as waste. What is left over from one process becomes input to another, so keeping it circulating. REFIBRA™ technology gives a second life to pre - and post - consumer textiles - which would otherwise be sent to landfills or incinerated - by upcycling it into brand new cellulosic for material for clothing and home products.



Key products we used in the collection

CAN MAKE THE WORLD A BETTER PLACE WITH LESS?

Water is essential for life. It is critical for the planet to survive and thrive. We are conscious on this.

We are aware that we have also responsibilities and obligation on this. 2030 UN Agenda – SDG Clean water and Sanitation, we must commit.

That's the reason why in OFFICINA+39 we're accelerating our products innovation to meet the needs of our industry to reduce water use in manufacturing operations. AQUALESS MISSION it's our new technology to reduce 75% the water use in denim and garments laundry processes. It is based into a new products and process, suitable for conventional machines:

Laser & REMOVER BC + AQUALESS AGED + OZ-ONE POWDER

REMOVER BC it's a laser booster.

AQUALESS AGED is a waterless compound to give abrasion effect on denim.

OZ-ONE POWDER is an advanced product for garments treatment to give bleached, distressed and worn look, but in an eco-friendly way (chlorine and potassium permanganate free).

Total water consumption with traditional current process for 1 pant is around 52 liters, while using our new AQUALESS MISSION technology is 12,5 liters only. 2030 UN Agenda – SDG 6. IT'S A MISSION.

REMOVER IND/J series

It is potassium permanganate alternative ready to use series, suitable to obtain discharging effect on denim (Indigo and black). No need any tumbler drye or temperature to be activated.

SMART BLEACH

This innovative bleaching technology is specially designed to replace the conventional chlorine or potassium permanganate denim bleaching.

Applying Smart Bleach with atomized/nebulized fog systems is possible to bleach Indigo denim, and black denim as well, with lowest water consumption.

NEBUDYE D

Dyestuffs to obtain unique levelled dyeing effect in machineries using atomized/nebulized fog systems suitable for white corrosion with Remover IND/J and Smart Bleach.

RECYCROM™

A revolutionary and sustainable way to transform textile waste into coloured powder dyestuffs.

RECYCROM™ ECO MARBLE is the alternative to obtain, in simple and ecological way, acid wash look or frosted coloured effects, simulating unique appearances that normally require a lot of water, dyestuffs and bleaching harmful substances using RECYCROM™ only.



The color cards

When dyes make the difference

The choice of color and finishes to be applied for THE CIRCLE BOOK collection passes through the knowledge of technologies.

The experience of Officina +39 and Recycrom, which transforms textile waste into powder dyes, meets TEJIDOS ROYO and CALIK DENIM fabrics.

We obtain amazing effects thanks to the different characteristics and performance of the fibers that make up the selection of fabrics, including hemp, organic cotton, Refibra, Tencel.

Starting from RTD or RAW bases, an harmonious palette is created and it incorporates the trends of recent seasons, colors that instill calm and well-being a chromatic base with little pigment, therefore already drained to reduce the use of water in the final treatments.

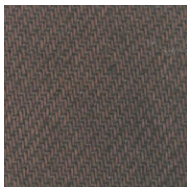


FABRIC: **ANTOINE** CALIK DENIM
COMPOSITION: 62%ORG CO 25%TENCEL™ Lyocell
12%TENCEL™ x REFIBRA™ 1%ROICA
PROCESS: RECYCROM™

18.5016



18.1326



19.2033



14.3812



15.1912



FABRIC: **ANTOINE** CALIK DENIM
COMPOSITION: 62%ORG CO 25%TENCEL™ Lyocell
12%TENCEL™ x REFIBRA™ 1%ROICA
PROCESS: RECYCROM™ - ECO MARBLE EFFECT

18.5016



18.1326



19.2033



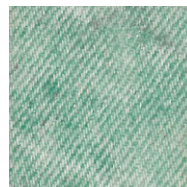
14.3812



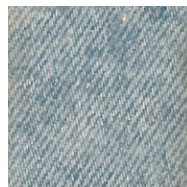
15.1912



15.6123



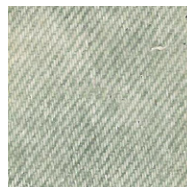
15.4008



18.4006



18.0426



FABRIC: **ANTOINE** CALIK DENIM
COMPOSITION: 62%ORG CO 25%TENCEL™ Lyocell
12%TENCEL™ x REFIBRA™ 1%ROICA
PROCESS: RECYCROM™ - ECO MARBLE EFFECT ON
RECYSPEC CO

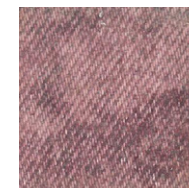
18.5016



18.1326



19.2033



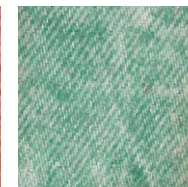
14.3812



15.1912



15.6123



15.4008



18.4006



18.0426



FABRIC: **ROBIN** CALIK DENIM
COMPOSITION: 75%CO 25%TENCEL™ Lyocell
PROCESS: RECYCROM™

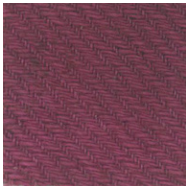
18.5016



18.1326



19.2033



14.3812



15.1912



FABRIC: **ROBIN** CALIK DENIM
COMPOSITION: 75%CO 25%TENCEL™ Lyocell
PROCESS: RECYCROM™- ECO MARBLE EFFECT

18.5016



18.1326



19.2033



14.3812



15.1912



15.6123



15.4008



18.4006



18.0426



FABRIC: **ROBIN** CALIK DENIM
COMPOSITION: 75%CO 25%TENCEL™ Lyocell
PROCESS: RECYCROM™- ECO MARBLE EFFECT ON
RECYSPEC CO

18.5016



18.1326



19.2033



14-3812



15.1912



15.6123



15.4008



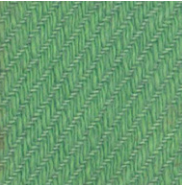
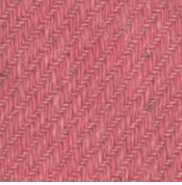
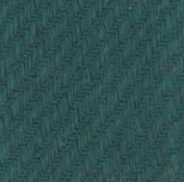
18.4006



18.0426



FABRIC: **ROBIN** CALIK DENIM
COMPOSITION: 75%CO 25%TENCEL™ Lyocell
PROCESS: **NEBUDYE**

16.0948			14.0232
18.1326			19.2033
14.3812			15.1912
18.5424			MILITARY

FABRIC: **BIZET** TEJIDOS ROYO
COMPOSITION: 66%CO 31%TENCEL™ x REFIBRA™ Lyocell 3%EA
(BCI cotton, Refibra™ & Creora)
PROCESS: **NEBUDYE**

16.0948			14.0232
18.1326			19.2033
14.3812			15.1912
18.5424			MILITARY

FABRIC: **BIZET** TEJIDOS ROYO
COMPOSITION: 66%CO 31%TENCEL™ x REFIBRA™ Lyocell 3%EA
(BCI cotton, Refibra™ & Creora)
PROCESS: **RECYCROM™ - ECO MARBLE EFFECT**



FABRIC: **BIZET** TEJIDOS ROYO
COMPOSITION: 66%CO 31%TENCEL™ x REFIBRA™ Lyocell 3%EA
(BCI cotton, Refibra™ & Creora)
PROCESS: **RECYCROM™ - ECO MARBLE EFFECT ON RECYSPEC CO**





THE
CIRCLE BOOK
SECOND EDITION

CONTACTS

LENZING www.tencel.com - www.lenzing.com

MEIDEA www.meidea.it

OFFICINA+39 www.officina39.com

CALIK DENIM calikdenim.com

TEJIDOS ROYO www.tejidosroyo.com

CRAFIL crafil.pt

DR BOCK INDUSTRIES www.drbockindustries.com

RIBBONTEX www.ribbontex.it

SPRING 85 www.spring85.it

RGT LAUNDRY www.drbockindustries.com/rgt-italy

A full-page photograph of two women in denim jumpsuits. The woman on the left is smiling and looking down, while the woman on the right is smiling and looking at the camera. They are both wearing light blue denim jumpsuits with wide sleeves and a drawstring waist. The background is a solid dark grey.

THE CIRCLE BOOK SECOND EDITION

Creative direction, design, photography and concept by MEIDEA S.r.l.

All rights reserved.

No part of this publication may be reproduced in any manner whatsoever
without permission in writing from the publisher.