
RITTER CARES
TAKE CARE

**„Everything that is against nature,
does not last.“**

Charles Darwin

FINDING NEW WAYS

Ritter Pen's focus is sustainability.

In addition to many ecological measures within the production process, like using green electricity and LED technology, we make use of plastic waste and sprues for our in house recycling : means saving of waste and safeguarding of resources, for a better ecological balance.

We work constantly on increasing the Ecoline with products, made of new, environmental friendly raw materials. Using these bio-based plastics has result in reducing use of conventional plastics and saving resources:

- The new revolutionary, bio based material, consisting of seaweed and PLA for our **ALGO-PEN**® – is not only saving resources, but also helps to preserve sea biodiversity. It contains 20 % Sargassum : „born in the ocean".

- The first Ritter Cares Biomaterial, based on cellulose acetate, is completely biodegradable and certified according to DIN EN 13432: 2000-12. The next generation of this material is available now also in colour : **BIO-PEN ID**

- **PLA** is a bio-based material that is obtained from natural raw materials, and also available in colours: **PLANT**

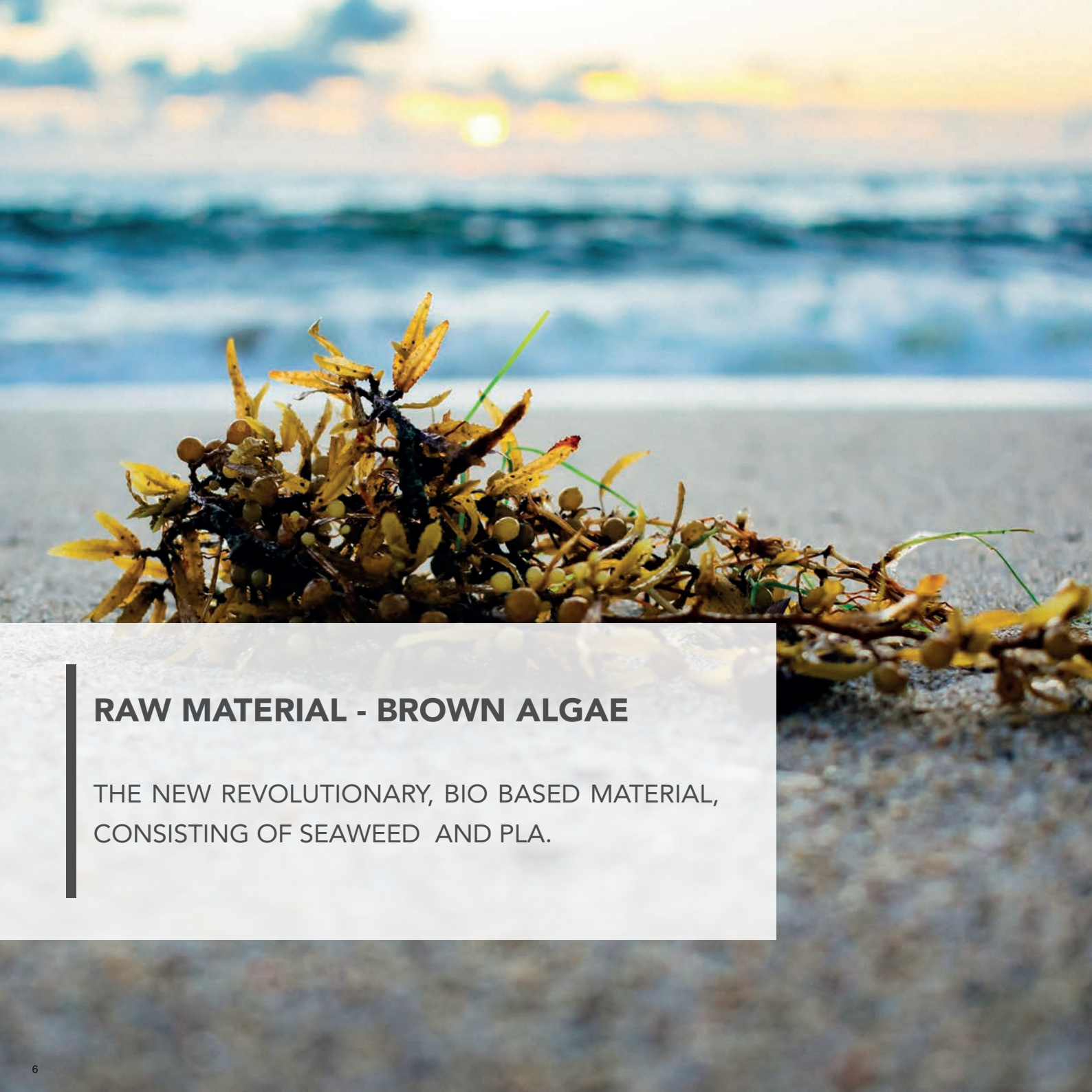
- The next generation in postconsumer recycled material and the perfect way to make use of waste : the rebirth of former shelf parts from **dm**-stores in our new **LIFT RECYCLED**, made of postconsumer recycled Polycarbonate.

FINDING NEW WAYS

- Our post consumer recycled ABS plastic is made of recycled household appliances. The use of this recyclate saves approx. 80% energy compared to the use of conventional plastics : **CREST RECYCLED**

- **ULTRA RECYCLED** large capacity refill is made of 95 % postconsumer recycled Polypropylen from packing waste. This means 80 % less environmental impact and 75 % less CO2 emissions.

The development and processing of recycled and natural materials is a sustainable step towards the future : **For the environment**



RAW MATERIAL - BROWN ALGAE

THE NEW REVOLUTIONARY, BIO BASED MATERIAL, CONSISTING OF SEAWEED AND PLA.

BROWN ALGAE - RAW MATERIAL OUT OF THE OCEAN

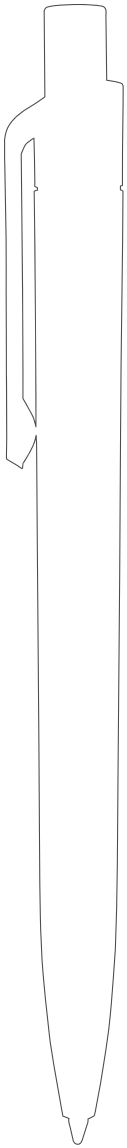
Huge amounts of brown algae (Sargassum) in the oceans have become a major problem. Floating in the water, this "big sea of Sargassum" blocks the incidence of light and is killing sea biodiversity. Toxic gases are released at the beaches, as a result of the decomposition of tons of Sargassum under the sun.

We use this biomass as raw material: In the new Ritter **ALGO-PEN®**.

The new revolutionary, bio based material, consisting of seaweed and PLA for our **ALGO-PEN®** – is not only saving resources, but also helps to preserve sea biodiversity. It contains 20% Sargassum : „born in the ocean".

ALGO-PEN® 97500

Made in Germany



#trendcoloralgo

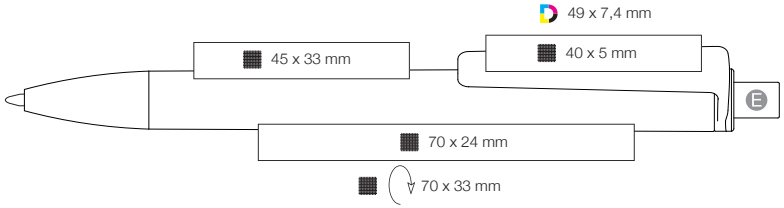
NEW 2021

85% Raw material out of the ocean - consisting of 20% brown algae and PLA

New trend-color ALGO, pushers optionally available in different colors, made of ABS plastic

Document proof, swiss made - large capacity Ultra Recycled refill, writing length: approx. 6.000 m

DIN-certified organic material



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BORN IN THE OCEAN

RECYCLED POLYCARBONAT

MADE OF FORMER SHELF DIVIDERS - IN COORPERATION WITH “dm-drogerie markt“

AWARD WINNING UPCYCLING

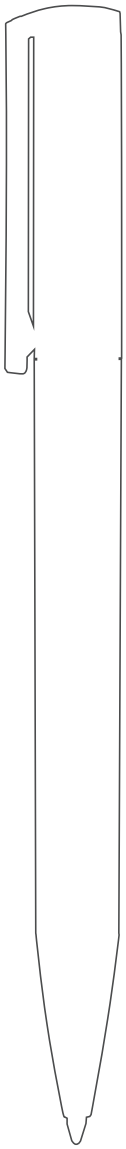
In cooperation with “dm-drogerie markt”, former shelf dividers from the dm stores are recycled and processed into the new **LIFT RECYCLED**.

This pioneering project received the Promotional Gift Award 2020.

The new large capacity ULTRA RECYCLED refill, made from recycled polypropylene, offers perfect writing performance with a writing length of up to 6,000 m.

LIFT RECYCLED 93810

Made in Germany



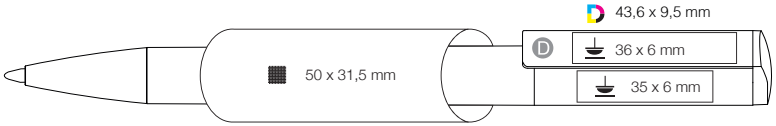
RECYCLED POLYCARBONAT

NEW 2021

Made from recycled polycarbonate - post-consumer recycled plastic, recovered from old dividers of the dm-stores

In cooperation with “dm-drogerie markt“

Document proof, swiss made - large capacity Ultra Recycled refill, writing length: approx. 6.000 m



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UPCYCLING

FOR A BETTER ECOLOGICAL BALANCE

PRE CONSUMER RECYCLED PLASTIC – 100% RECYCLED – REGENERATE FROM OWN PRODUCTION.

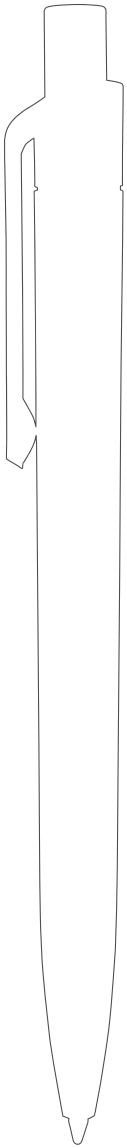
PRE-CONSUMER RECYCLED PLASTIC

The PRE-CONSUMER LINE is made of recycled plastic. Waste of production is reduced and the use of new plastics avoided. Up to 80% emissions are saved by using the recyclate.

With „in-house recycling“ we guarantee saving of waste and safeguarding of resources, for a better ecological balance.

INSIDER RECYCLED 92302

Made in Germany

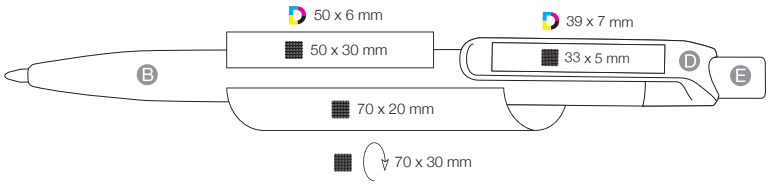


SAVING RESOURCES

Barrel is made of pre-consumer recycled plastic:
100% regrind from our own production

Black barrel, colored clip and pusher

Document proof, swiss made - x-20 Jogger refill,
writing length: approx. 2.000 m



REDUCING WASTE

POST-CONSUMER RECYCLED PLASTIC REDUCES WASTE

ABS PLASTIC THAT IS 100% RECOVERED FROM WASTE STREAMS IS BEING USED FOR OUR POST-CONSUMER RECYCLED PRODUCTS

POST-CONSUMER RECYCLED PLASTIC

The ballpoint pens, produced in post-consumer recycled ABS plastic, are made from old household appliances.

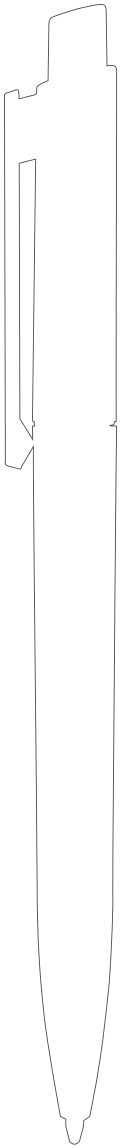
The plastic parts are sorted according to type and processed into a new, usable raw material. This leads to a saving of approx. 80% of the energy expenditure, compared to conventional production.

By recycling approx. 65.000 tons of waste every year, 4,8 tons CO^2 per ton of plastic are saved! This means approx. 312.000 tons of CO^2.

CREST RECYCLED+ 95990

carbon neutral product
natureOffice.com | DE-077-926145

Made in Germany

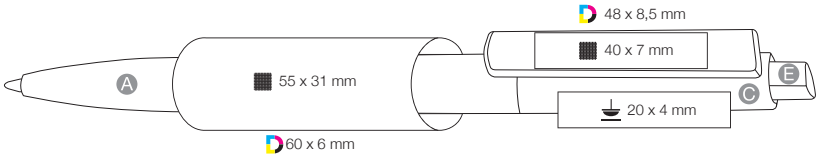


MADE OF WASTE

Post-consumer recycled plastic, which is extracted and processed from old plastic parts

Available in black and grey - pushers optionally available in different colors, made of ABS plastic

Document proof, swiss made - large capacity Ultra Recycled refill, writing length: approx. 6.000 m



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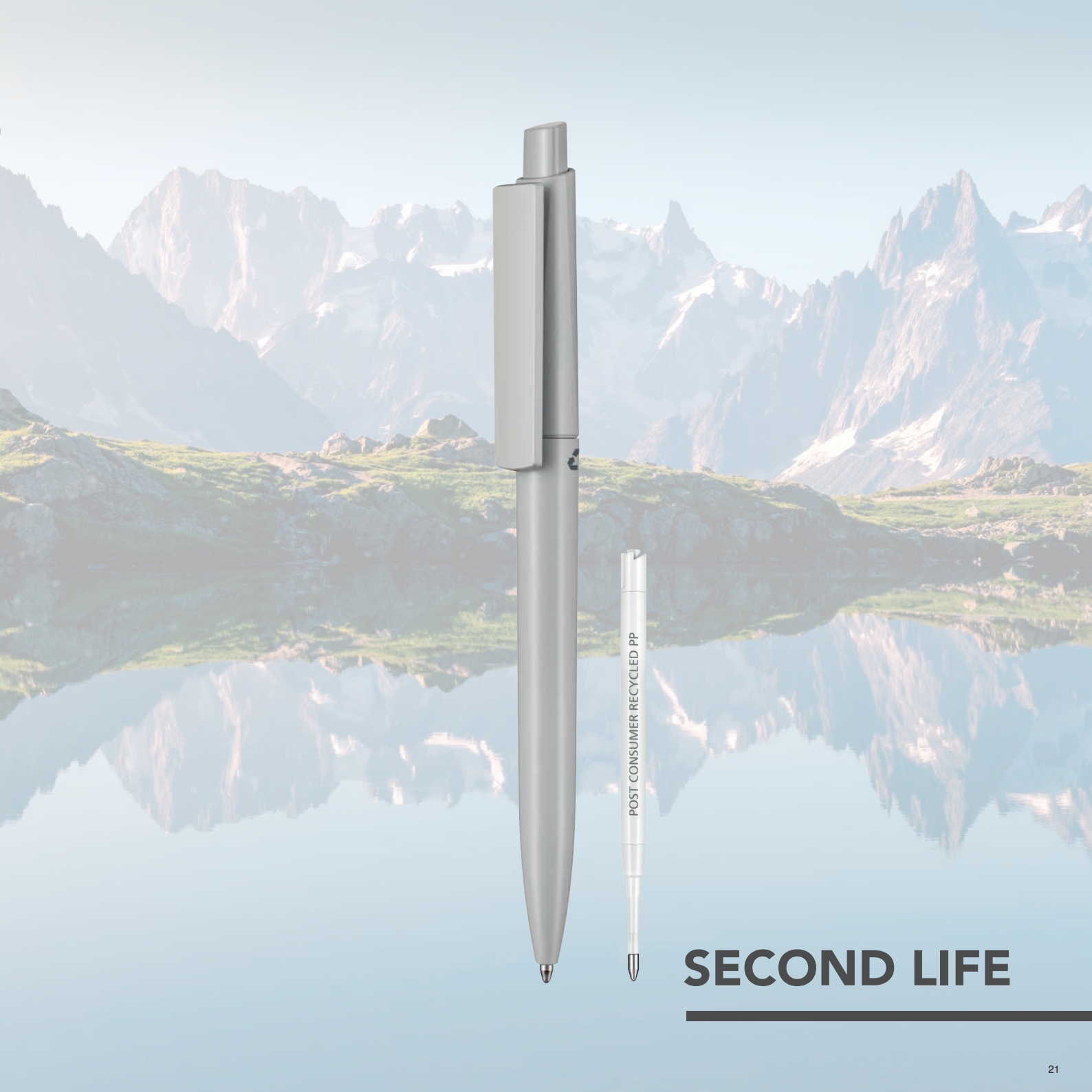
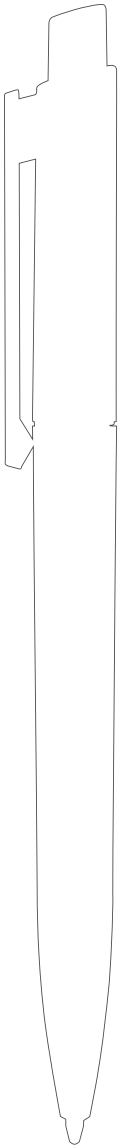


SECOND LIFE

CREST RECYCLED 95900

carbon neutral product
natureOffice.com | DE-077-926145

Made in Germany

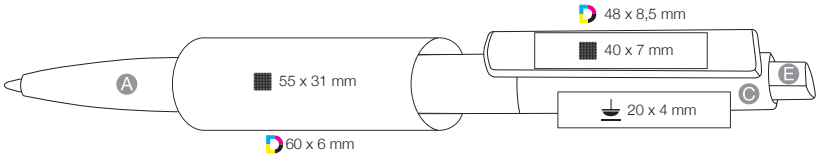


TURN OLD TO NEW

Post-consumer recycled plastic,
which is extracted and processed from old plastic parts

Available in black and grey - pushers optionally available in different colors, made of ABS plastic

Document proof, swiss made - x-20 Jogger Soft refill, writing length: approx. 1.400 m



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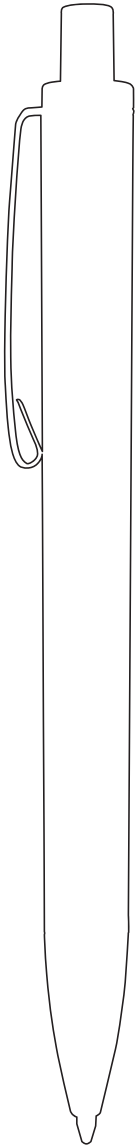
POST CONSUMER

EXOS RECYCLED 97600

Made in Germany



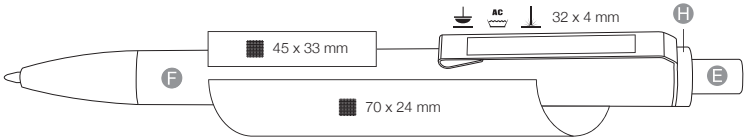
FOR THE ENVIRONMENT

NEW 2021

Post-consumer recycled plastic,
which is extracted and processed from old plastic parts

Available in black and grey - pushers optionally available in different colors, made of ABS plastic

Document proof, swiss made - large capacity Ultra Recycled refill, writing length: approx. 6.000 m



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RECYCLED

STRONG NATURE

A PERFECT ALTERNATIVE TO OIL-BASED PLASTICS.

MADE FROM RENEWABLE RAW MATERIALS

PLA is a bio-based material that consists of natural, renewable raw materials and is therefore a sensible alternative to oil-based plastics.

The development and processing of natural materials is a sustainable step towards the future.

PLANT 90080

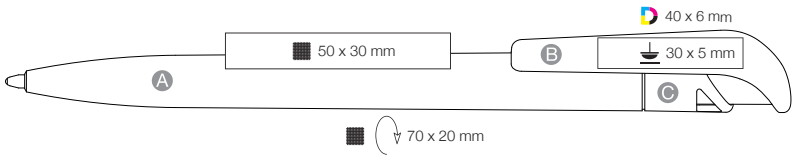
Made in Germany

FINDING NEW WAYS

90% Bio-based plastic PLA

Made from naturally renewable raw material

Document proof, swiss made - x-20 Jogger refill, writing length: approx. 2.000 m



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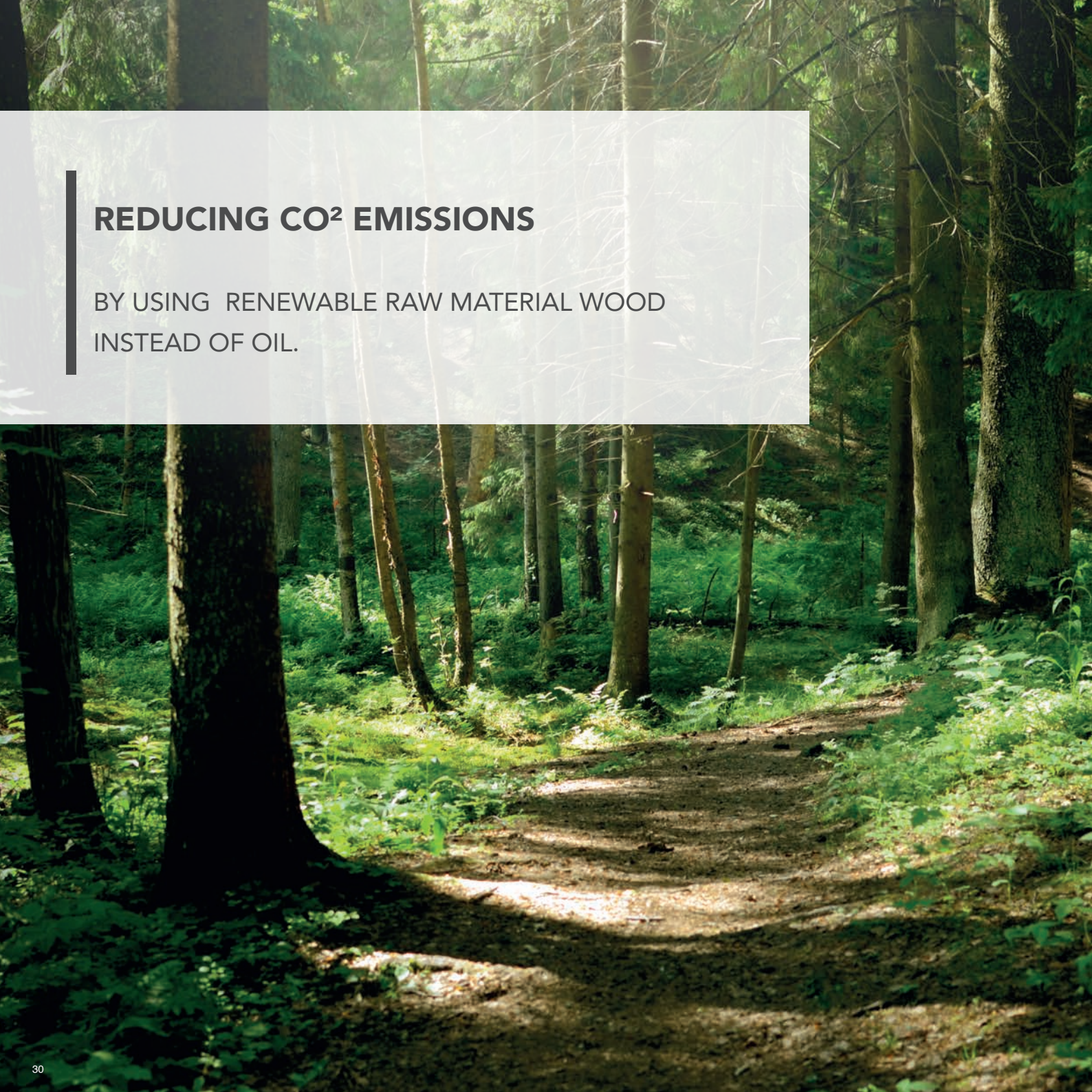
PLANT



REDUCING CO^2 EMISSIONS

BY USING RENEWABLE RAW MATERIAL WOOD INSTEAD OF OIL.

SUSTAINABLE WRITING

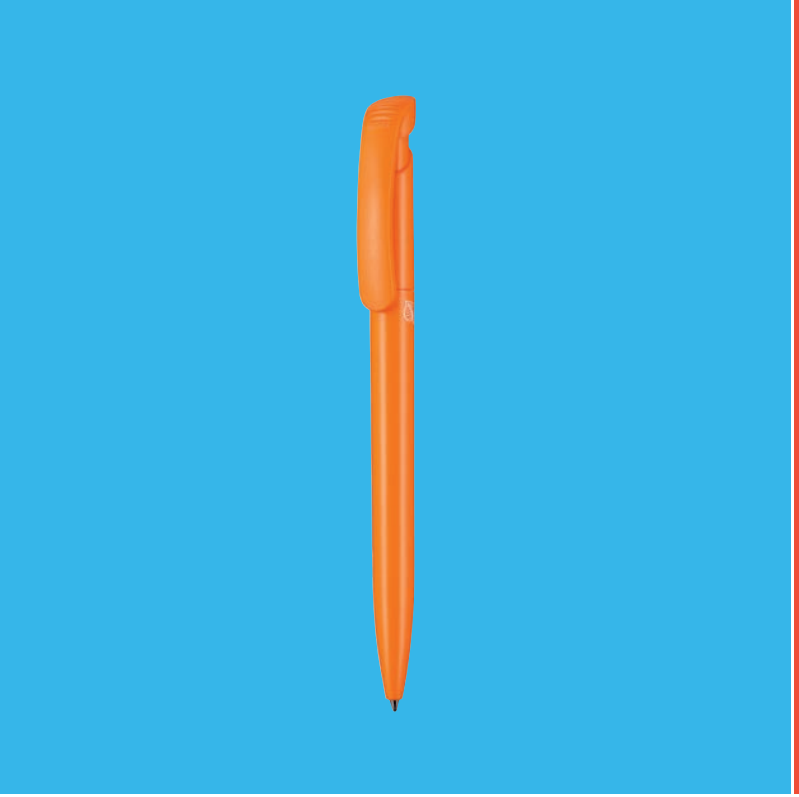
The proven bio-based cellulose acetate material is completely biodegradable and certified according to DIN EN 13432: 2000-12.

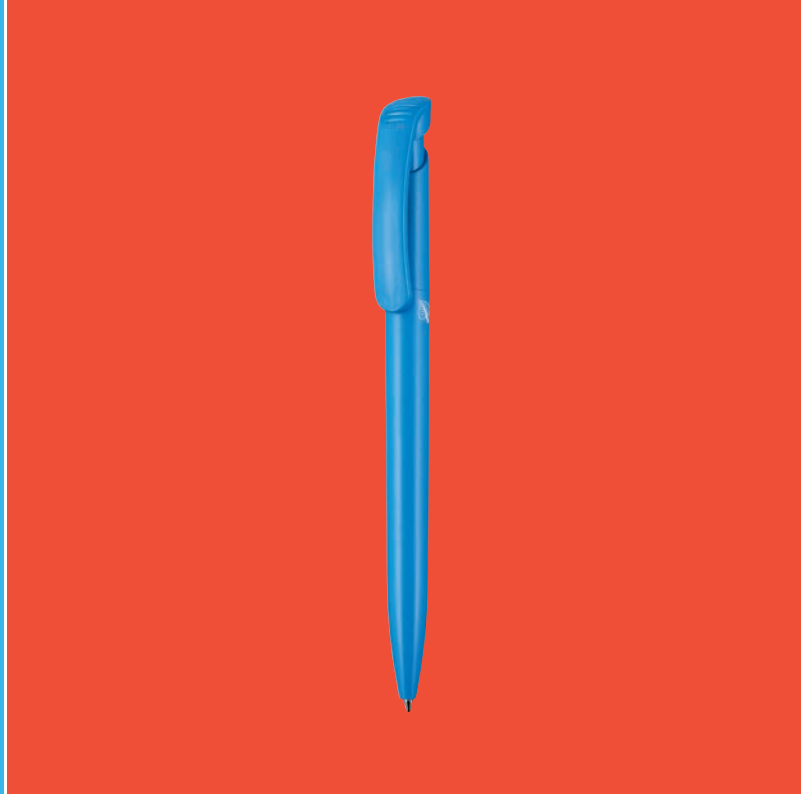
The material was developed in cooperation with the “Fraunhofer Institute Umsicht” and is the first RITTER CARES bioplastic.

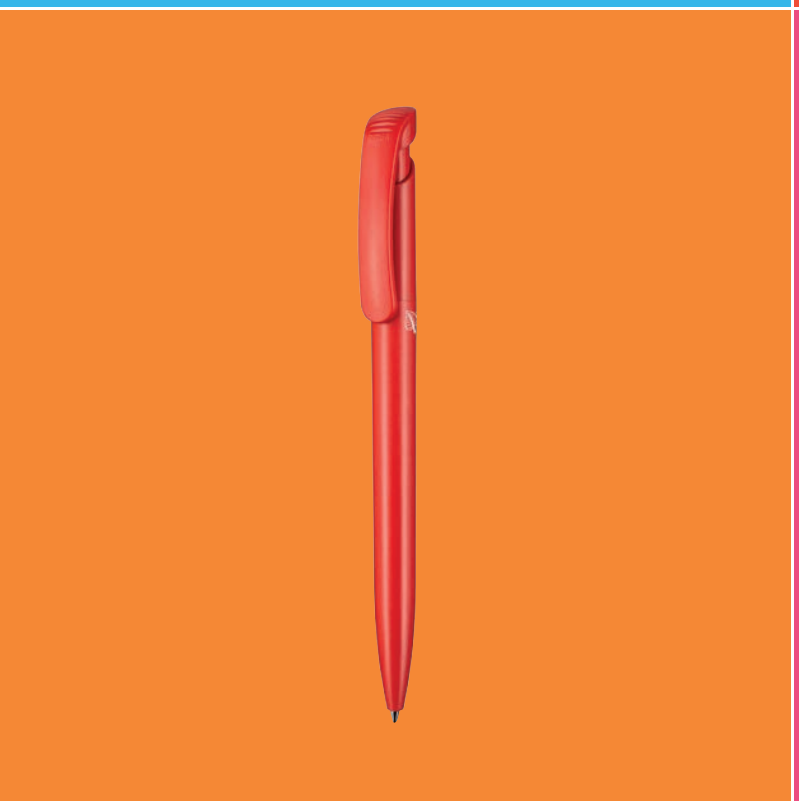
The use of renewable raw materials instead of oil enables the saving of fossil resources and a reduction of CO^2 emissions.

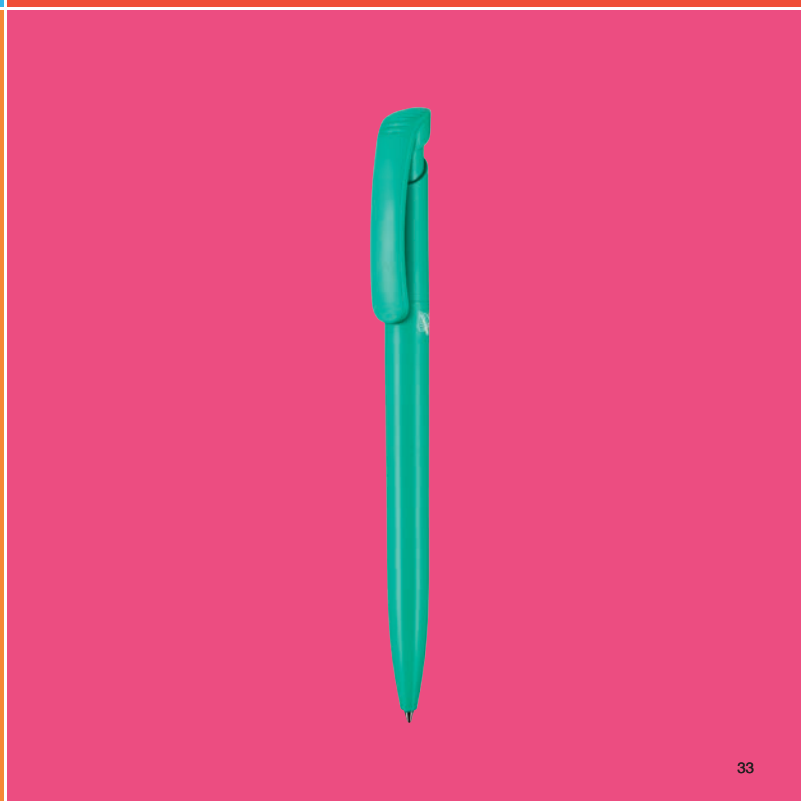
SUSTAINABLE IDEAS IN COLOR

BIO-PEN ID MADE OF NATURAL CELLULOSE BASED BIO MATERIAL, AVAILABLE IN COLOR NOW!



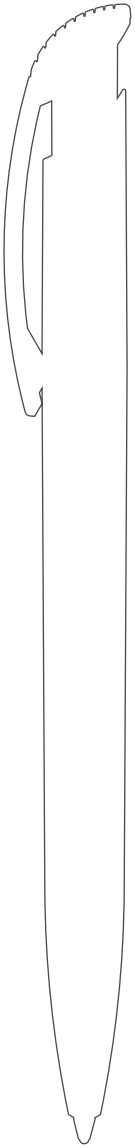






BIO-PEN ID 92010

Made in Germany

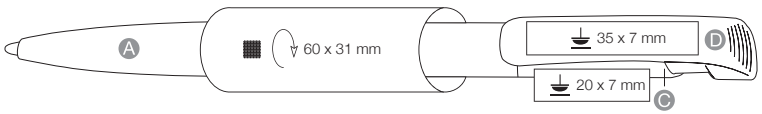


SUSTAINABLE IDEAS IN COLOR

80% Barrel and clip made of renewable, bio-based material cellulose acetate

Bestseller of our ECO-LINE now available in new colors, special colors on request

For Documents Document proof, swiss made - x-20 Jogger refill, writing length: approx. 2.000 m



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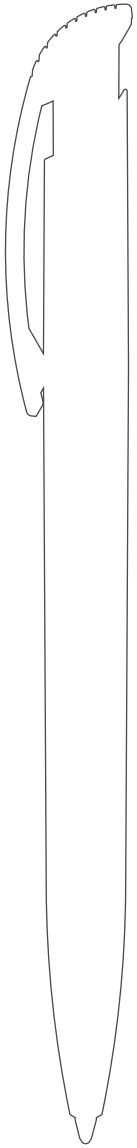
NEW COLORS

BIO-PEN 92000

carbon neutral product
natureOffice.com | DE-077-826145

Made in Germany



BIO BESTSELLER

80% Barrel and clip made of renewable, bio-based material cellulose acetate

Upper part optionally available in different colors, made of ABS plastic

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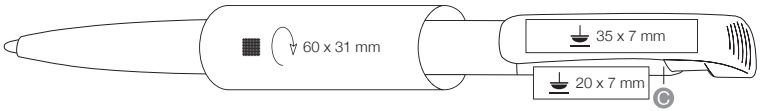
DIN-certified organic material



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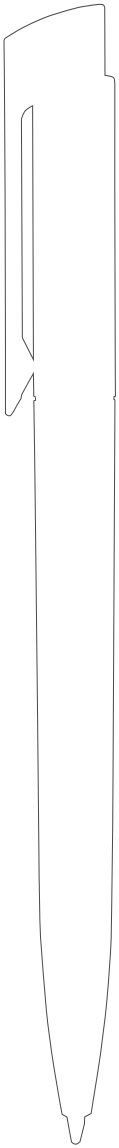
BIO BASED

BIO-FRESH 95800

Made in Germany



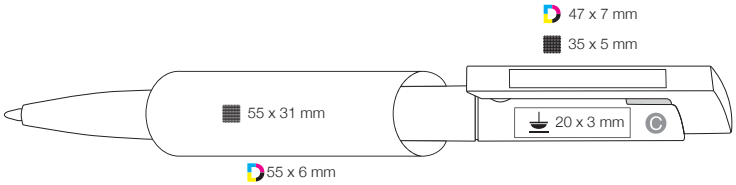
SUSTAINABLE IDEAS

70% Barrel and clip made of renewable, bio-based material cellulose acetate

Upper part optionally available in different colors, made of ABS plastic

Digital print on clip possbile

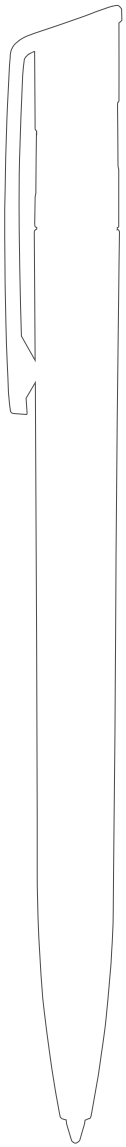
For Documents Document proof, swiss made - x-20 Jogger Soft refill, writing length: approx. 1.400 m



FRESH IDEAS

BIO-STAR 90071

Made in Germany



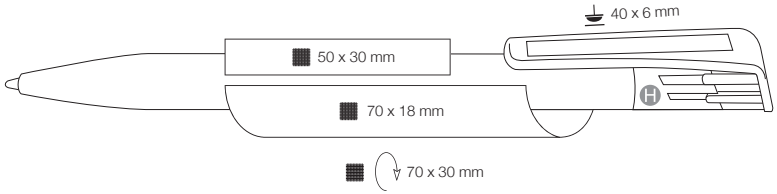
BIODEGRADABLE

80% Barrel and clip made of renewable, bio-based material cellulose acetate

Cover optionally available in different colors, made of ABS plastic

Document proof, swiss made - x-20 Jogger refill, writing length: approx. 2.000 m

DIN-certified organic material



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SUSTAINABLE

ORGANIC 90112

Made in Germany

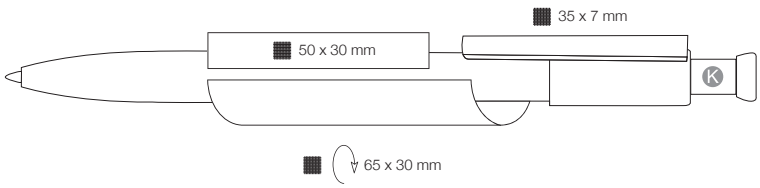
CELLULOSE BASED

90% Barrel and clip made of renewable, bio-based material cellulose acetate

Pusher optionally available in different colors, made of ABS plastic

Document proof, swiss made - x-20 Jogger refill, writing length: approx. 2.000 m

DIN-certified organic material



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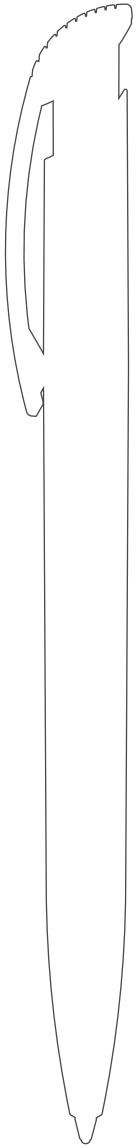
RENEWABLE

BIO-CLEAR 92020

Made in Germany

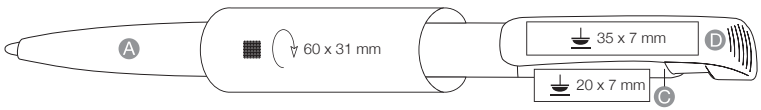


CLEAR SUSTAINABILITY

75% Barrel and clip made of renewable, bio-based material cellulose acetate

Upper part made of ABS plastic

For Documents Document proof, swiss made - Jumbo Marathon refill, writing length: approx. 2.500 m



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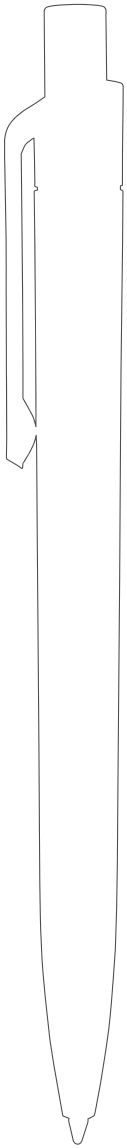
PRO NATURE

BIO-INSIDER 92310

Made in Germany



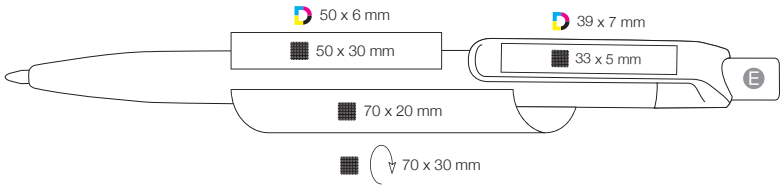
ENVIRONMENTALLY FRIENDLY

90% Barrel and clip made of renewable, bio-based material cellulose acetate

Pusher made of ABS plastic - available in many colors

Document proof, swiss made - x-20 Jogger refill, writing length: approx. 2.000 m

DIN-certified organic material



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SAVING RESOURCES

THE ORIGINAL

DEVELOPED IN 1992: ONE OF THE FIRST ECOLOGICAL BALLPOINT PENS. MADE FROM RECYCLED CARDBOARD, WOOD AND PLASTIC.

UNIQUE MIX OF MATERIALS

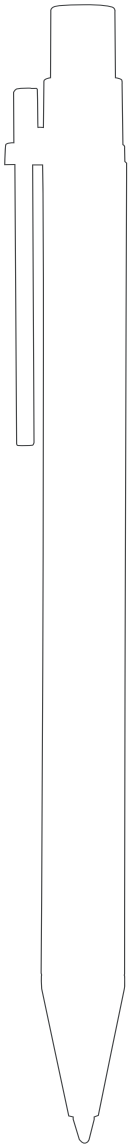
The latest version „Bio-Mix“ is with pusher and tip made of the bio-based material cellulose acetate.

We focus consistently on alternative materials in order to reduce the plastic content. The plastic cellulose acetate, made from local softwood, neither pollutes oil resources, nor does it compete with food production.

Convincing quality since 1992: more than 35 Mio pcs. have been sold.

BIO-MIX 90250

Made in Germany



WOOD AT ITS BEST

70% Pusher and tip made of renewable, bio-based material cellulose acetate

Recycled cardboard barrel and wooden clip

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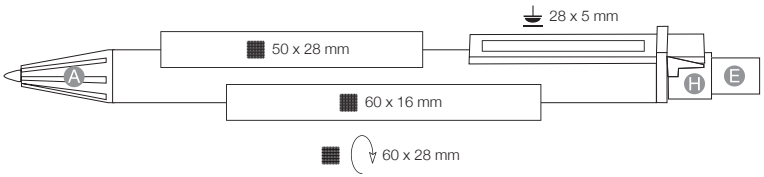

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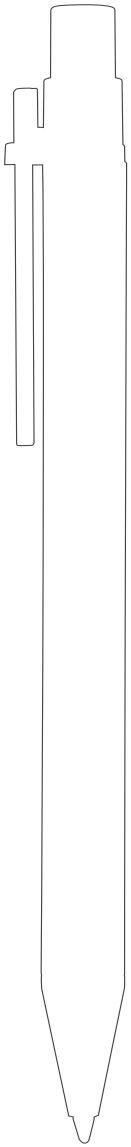
RECYCLED PAPER

CARTON 70250

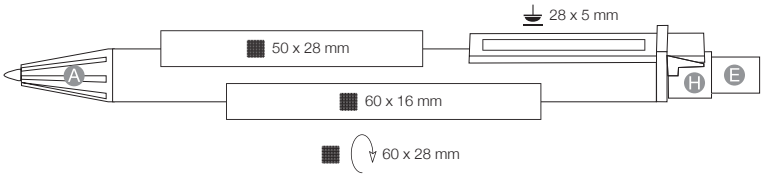
Made in Germany



ORGANIC CLASSICS

One of the first eco-pens,
barrel made of recycled cardboard, wooden clip

Document proof, swiss made - x-20 Jogger refill,
writing length: approx. 2.000 m



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CULT

RITTER PEN

WE INVEST TO BE SUSTAINABLE AND TO SAVE RESOURCES

FOR THE ENVIRONMENT

Our contribution:

- Continuous expansion of our Ritter Cares / ECO-LINE
- RITTER PEN is a participant in the Climate Efficient Network South Hessen
- Expansion of the green areas within the company premises
- Complete renovation of our tooling department building
- New system for the cooling circuit of the machines and tools
- The machine park is gradually being upgraded to injection molding machines with electric or hybrid drive
- Replacement of two oil burners with a wood chip system - saving 118 tons of CO^2 per year
- Use of LED lighting indoors and outdoors
- Conversion of the UV dryer to LED technology in the print shop
- Constant training of our employees in energy-conscious behavior

POST CONSUMER RECYCLED REFILL

PERFECT BALANCE BETWEEN WRITING PERFORMANCE AND COMFORT.

OUR REFILLS ALSO MAKES A DIFFERENCE

For our products, we rely on specially developed swiss quality refills, document proof and ISO 12757-2 certified.

“Ritter Cares“ ball point pens are rechargable and also allow the change to refills with even higher writing performance. Our Ultra large capacity refill has a writing length of approx. 6.000 m and can be selected as an upgrade for every model.

An upgrade to a large capacity Ultra Recycled refill, made from post-consumer recycled polypropylene with lower CO^2 emissions, provides an even more sustainable ballpoint pen.

„Environmental protection is an opportunity.“

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