



Climate neutrality

Our water- and CO2-footprint of 2021

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We are more and more affected by extreme weather phenomenons. Continuing drought and severe rainstorms are destroying in a short amount of time, what has been growing for decades or even centuries.

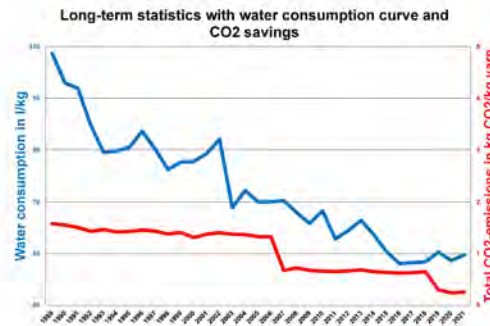
What can we – or better – what do we have to do to maintain the livelihoods from us and from our children?

Our TVU-Team starts, where we can do as much as possible. These fields are thermal energy, electrical energy as well as the water consumption. Decisive for the evaluation of emissions and consumptions is always the relative consumption i.e., the water consumption in litre/kilogram. Only then a comparability with other companies is possible.

You, dear customers, have been proactively informed about our yearly average water and CO2-footprint per kilogram of dyed yarn on your invoice since January 2017. This way you are receiving transparency and insight into the effectiveness of our actions for our environment.

Moreover, we are providing a tag “Sustainable Yarn Dyeing – Made in Germany” including our current consumption figures.

With our first step, we are creating a feeling for the environmental relevance of our yarn dyeing. After a closer examination of longer time periods, you are now receiving an insight of our continuous action for our earth.



Fresh water consumption per kilogram increased only slightly from 58.24 l in 2017 to 59.73 l, even though we are finishing significantly more blended and high-performance yarns.

Here it is important to point out that the type and the mixture of dyed yarns has a considerable impact on the water consumption (e.g. polyester: 18 l/kg, polyester/cotton: 70 l/kg). Also, we could reduce the carbon dioxide emission considerably from 0.644 kg CO₂/kg to 0.255 kg CO₂/kg yarn. Our very high usage of domestically produced photovoltaic power and the purchase of sustainably produced energy made this positive trend possible. With joy and heart and soul, we want to work on our actual emission reduction.

To become a truly "climate-neutral company", however, it is very important for everyone in the production chain to correctly record direct and indirect emissions and, above all, to continuously minimise them. Only actual emission reductions make a real contribution to safeguarding our livelihoods. CO₂ certificates, on the other hand, help first and foremost to assess CO₂ emissions and secondly (only if they are meaningful "climate projects" and assessed correctly) to bind CO₂ in nature for a long time.

With further projects, such as recycling of rinsing baths or increasing the "right first time"-rate (now 99.23% of our lots already fit on the first try), these are just a few examples also for future progress.

Climate- and raw material-friendly textile products with a long lifespan and serviceability relieve nature and the environment. Together, we must convey this message to consumers in a much stronger and more sustainable way.

In the future, we will also process more and more recyclable fibres, some of which are produced independently of fossil raw materials, into meaningful products with high value in use and/or a long period of use. This includes working closely, i.e., in research consortia with institutes, universities and other companies. Our main focus is on the development of biobased and/or biodegradable as well as recyclable yarn materials.

Up to now, you can use our free service of CO2 and water consumption figures to raise your customers' awareness. Adding your own water and CO2 emissions, you can see roughly how much water the textile products have used and how much CO2 they have emitted up to the end customer.

We are there for you with a lot of energy and joy for the common success for an intact environment. Please do not hesitate to contact us if you have any ideas or questions.

Have a nice winter

Your TVU-Team



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