

## Refined

The Svenstol® at Bayernoil





Before 39 t-shirts, 70 kilowatt hours of electricity, 4 kilograms of asphalt, 540 toothbrushes or 750 combs can be produced from a single barrel of oil, the oil – a mixture of hydrocarbons, some sulphur and traces of oxygen, nitrogen and metals – has to be broken down into its constituent parts. This process of refinement is done in refineries – 24 hours a day, 365 days a year.

In Germany there are currently 13 refineries producing 101 million tonnes of mineral oil each year, making Germany the EU's biggest refinery site. One of these 13 is the Bayernoil refinery near the Bavarian city of Ingolstadt, currently one of Europe's most modern and largest refineries and occupying two sites, one of 300 hectares in Neustadt and one of 127 hectares in Vohburg. The operatives in the control rooms – where they watch over the safe running of the refinery's systems – have been sitting on 24-hour chairs from StolComfort for 10 years now.

From currently around 10.3 million tonnes of crude oil each year the staff at Bayernoil produce high quality products such as liquid gases, fuels, petrol, diesel, heating oil and bitumen, covering around twothirds of Bavaria's demand for mineral oil products. The process starts with crude oil being delivered over the Transalpine Pipeline from Trieste in Italy.

Once it has arrived at the refinery the oil is distilled. During distillation the crude oil is heated and broken down into its various constituent parts. Distillation is the starting point for all further process steps, so if there is a hitch here, the other systems will not run smoothly either. It is in the central control room where all threads come together, with the staff monitoring all process plants, the pipeline and the tank farm and ensuring smooth, trouble-free operations.

The oil's constituent parts are further processed and refined in subsequent steps. A process known as 'cracking' is used to transform its heavy constituent parts into light substances such as petrol and kerosene. Today this technology has advanced to the point where none of crude oil's substances go unused. Even the superfluous gases that were once just burned off are now re-used to heat the crude oil. That's why the flares which could be seen from

Norbert Forchhammer, Building Services + Plant Operation Planner Bayernoil

miles around as the hallmark of the Bayernoil refinery are now a thing of the past. The atmosphere is no longer polluted with waste gases, and resources and the climate are now protected.

We are delighted that our 24h chairs can contribute to everything at Bayernoil running like a 'well-oiled' machine. This is a contribution that Svenstol® chairs make not just at Bayernoil but in many other refineries in Germany as well.

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**New:** the Svenstol<sup>®</sup> S6 Manager for office and home office





The S6 Manager can be individually configured in many different variants

Most office workers spend five to six hours sitting down in the course of a working day. That's a long time, and it deserves a good chair. But sitting for extended periods will push traditional office chairs to their limits in terms of comfort. If you are seated for longer than average then our Svenstol Manager models are made just for you. All of their essential components and functions come from our 24h chair models. The design and material for the chair cover and some feature options have been adapted to the needs of office use, making it possible to offer the model at a very attractive price/performance ratio. A Svenstol® Manager has to meet the same diverse standards which the Svenstol® 24h chairs have to meet for their use in control centres, thus proving the high level of quality offered by the Manager model. Stolcomfort also offers a 10 year full warranty covering normal office use. Following the huge demand for the S5 Manager we can now offer a new Manager version of the Svenstol® S6 as well.



The S6 Manager's ergonomics and comfort derive from the S6 24hr chair



### comfort@work

The S5 Manager models Edition X and Edition 1



Comfortable sitting is not a privilege for control room operatives. With our Svenstol® special editions you too can sit ergonomically active and relaxed in your office or home office on our 24h chairs – with a 10 year full warranty and from as little as €1,299.

Our special editions : from just 1,299 € plus VAT

**Dressed in less than 60** seconds

The new protective cover for our 24h chairs

Shift changes must happen fast. That's why we have developed a new protective cover for our chair seats and backs that can be fitted easily in less than a minute – and (almost) without a velcro fastener®.

For more information visit https://www.stolcomfort.com/en/ change-protective-cover/







## **Seat coverings with Angel**

# Svenstol® commits to hard-wearing, sustainable leather from Germany

At StolComfort we are constantly looking for new methods of making and selling our chairs in a way that is efficient and conserves precious resources. In the last two years for example we have greatly increased the recycled ratio of materials used to produce our chairs. Stolcomfort now has an environment officer and an environmental management system certified to ISO 14001 so in future we can measure and record all aspects of our work which may have a direct or indirect impact on the environment. One of the most important measures in the past year was our switch to the use of a new, environmentally friendly leather.

Nearly 80% of the chairs which we make are covered completely or in part with genuine leather. Leather's toughness and durability makes it ideally suited as a cover for our 24h chairs. It also resists ageing and temperature changes and can absorb up to 30% water without getting 'wet'. Even so, the production and use of this natural product also places burdens on the environment. To minimise these burdens, starting last year we now only process leather supplied by the Heller tannery of Hehlen on the River Weser. In 2010 HELLER-LEDER was the first tannery worldwide to be awarded the German eco-label "Blue Angel" for its entire upholstery leather production, as well as the GOLD rating of the international Leath-

er Working Group, so setting new standards for sustainability and environmental protection in the world of leather.

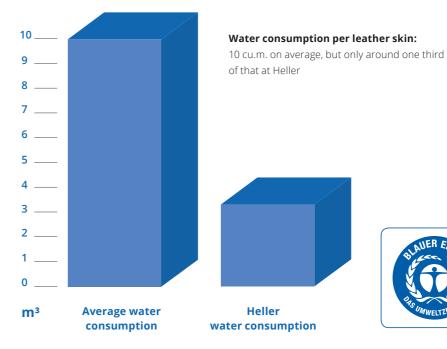
Producing leather is a multifaceted and complicated refining process which takes several weeks. A skin or a pelt has to undergo around 40 different processing steps until the biological raw material becomes the natural product of leather. Tanning needs water – as much as ten cubic metres of waste water can accumulate depending on the type of leather. At Heller they have been able to reduce consumption to one third of the usual amount through multiple usage and years of optimising their water utilisation. Heller is also at the forefront of environmental protection as the first German tannery to build its own waste water treatment plant.

Heller's decoration with the 'Blue Angel' eco-label also guarantees that its leather is free from harmful substances. For example, the chromium (III) compounds used for tanning can lead to the presence of chromium (VI) in the leather in case of incorrect handling and technological errors. As well as causing allergies, chromium (VI) can be toxic and genetically harmful. Thanks to careful process management and high-grade tannins, Heller-Leder can ensure that its leather does not contain any residues of hexavalent chromium.



Before animal skin can become hard-wearing leather it has to undergo a complex treatment process with numerous phases.

Heller always insists on high quality for its raw materials and uses only leather hide from European cattle, mainly from Germany. So it is no surprise that many well-known brands beside Svenstol® swear by leather from the town of Hehlen. For example, anyone driving a sports car made in Zuffenhausen is very probably sitting on leather made by Heller.



HELLER



#### www.blauer-engel.de/uz148

- low-emission
- low-pollution
- eco-friendly produced

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Win one of 10 Heller Bags. The Heller Bags are sewn by hand in the Gerd-Hahlbrock workshop at the Paritätische Lebenshilfe in Hameln. For its leather the workshop uses used leather hides from our leather supplier that were samples displayed at trade fairs, for example, so cannot be sold as new. Every one of the beautifully soft leather bags is a one-off.



## Which expression are we looking for?

Send us your answer using our web form (please give your email address) or by email by 15.07.2021 info@stolcomfort.com.

The judges' decision is final.

## 5 years full warranty on Svenstol® 24 hour chairs

Chairs in control centres are under a lot more strain than chairs in normal offices. So for our Svenstol® chairs we offer a 5 year warranty covering all costs incurred, including material, labour and travel. For our Svenstol® Manager office model you even get a 10 year full warranty with immediate effect. Our company service team will provide a fast, reliable response to deal with any problem. In addition to our service there is also the option of having your 24 hour chairs serviced annually. The chairs are checked over, adjusted correctly and also wet cleaned if required.

Would you like to test a Svenstol® for 4 weeks for free?

We will be happy to help: Email info@stolcomfort.com or call us on +49 5261-28897-0

