

Press Release 2019

In the Light of the Moon: the new Teutonia IV Mondphase

Mühle-Glashütte, the independent family company from the German town of Glashütte, is showcasing a new highlight at the Inhorgenta 2019 trade fair: its first ever time measuring instrument with a moon phase display.



Believe it or not, 50 years have now passed since man first landed on the Moon. Nevertheless, there's still plenty of fascinating news in the present day for fans of all things lunar, especially those who enjoy being different. Did you know, for example, that the Moon has moved a distance of nearly two metres away from the Earth over the past 50 years and will completely leave its orbit at some point in the future? Or that Mühle-Glashütte has now launched a brand-new Teutonia model that captures the Moon for eternity in a special window above the 6 o'clock marking?

Underneath this specially formed window on the face of the watch, a lunar disc with a diameter of around ten millimetres rotates, completing a full cycle in 59 days. The disc contains not one, but two images of the Moon and is therefore able to provide a realistic day-by-day insight into its lunation from a new moon to a full moon and back to a new moon over a period of around 29.5 days.

It also displays an extremely lifelike depiction of what the Moon looks like. This impressive feature is the result of meticulous work by the watchmakers at Mühle-Glashütte, who have carefully reproduced the large and small craters of this astronomical body located about 384,000 kilometres away. The disc also features the night sky surrounding the Moon in dark Mühle blue lit up by a multitude of tiny stars.

The moon phase display is incorporated into a light-coloured face with applied indices and clearly marked minute graduation with small blue second and minute numerals. Another blue feature of this new watch is its lance-shaped hour and minute hands and thin second hand, all of which extend to the perfect length for clear readings on their respective time scales.

The case of the watch is another a prime example of top Mühle quality. As is typical of the Teutonia family, the middle of the case features the company's characteristic vertical finish, as always carefully applied by hand. The top surfaces of the volute-shaped lugs are polished and perfectly harmonise with the extremely straightforward new design of the bezel, which in turn stunningly complements the clean-cut appearance of the Teutonia IV Mondphase.

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Inside the case, which is not only attractive but also water-resistant to 10 bars, a reliable automatic movement goes about its second-by-second work. The Mühle-version SW 280-1 not only features the lunar disc produced especially for Mühle-Glashütte but is also equipped with the company's anniversary rotor and its patented particularly shockproof woodpecker neck regulation. On top of all this, once its components have been carefully finished and assembled, the movement is put to the test in six different positions and regulated to achieve accuracy values of between 0 and a maximum of +8 seconds per day. This precision target complies with the German chronometer standard and has the main aim of ensuring that the Teutonia IV Mondphase reliably displays the time in hours, minutes and seconds without requiring any moonlight magic. After all, the ultimate priority at Mühle-Glashütte is making sure that its watch wearers are never too late because of their time measuring instruments.

Technical details:

Movement: SW 280-1, automatic; Mühle version with patented woodpecker neck regulation, anniversary rotor and characteristic surface finishes. Stop-second. Fast date and moon-phase correction. 38-hr power reserve.

Case: Brushed/polished stainless steel. Domed and anti-glare sapphire crystal. Transparent case back. Screw-in crown. Ø 41.0 mm; H 12.6 mm. Water-resistant to 10 bars. Leather or stainless steel strap with a stainless steel double folding clasp. Screwed strap attachment bridges.

Dial: White. Applied indices. Blued hands.

About Mühle-Glashütte GmbH

Here at Nautische Instrumente Mühle-Glashütte, we enjoy being different. This is precisely why we would rather breathe fresh country air than sit in an air-conditioned office or make our way along a muddy forest track instead of gliding along a stunning cycle path. Is that also how you enjoy being different sometimes? This is precisely why we make watches designed to help you to power through the day.

In order to ensure that a Mühle watch is the ideal companion for every adventure, we send it on its way with very special qualities in the form of our three nautical values: "precision", "robustness" and "readability". Our watches' high degree of robustness is achieved by their particularly shockproof Mühle fine regulation and highly resistant cases that are water-resistant up to 10 bars or more. Easy

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readability is guaranteed by clear and straightforward dials that enable wearers to view the time at a glance and ultimate precision is the result of our intricate regulation, which complies with the German chronometer standard. We therefore regulate our watches so that they are always slightly fast, maintaining a precision of between 0 and a maximum of +8 seconds per day. This enables us to ensure that Mühle watch wearers are never too late because of their time measuring instruments.

Thilo Mühle places particularly high value on maintaining such high quality standards. He represents the fifth generation of the Mühle family to manage the independent family company from the German town of Glashütte. Robert Mühle laid the foundation for the development of Mühle-Glashütte in 1869, when he established a family company producing precise measuring instruments for the local clock and watch industry in Glashütte. Our company has been operating under the name of "Mühle-Glashütte GmbH nautische Instrumente und Feinmechanik" since 1994 and not only produces high-quality wristwatches but also marine time systems, marine chronometers and other nautical instruments. For our family, 2019 is therefore a year of very special celebrations, marking the 150th anniversary of the company's founding by Robert Mühle and also 25 years of the company "Nautische Instrumente Mühle-Glashütte".