



H. Moser & Cie.
VERY RARE

PRESS RELEASE

THE MINUTE REPEATER, H. MOSER & CIE. STYLE

Neuhausen am Rheinfall, January 13th, 2021

H. Moser & Cie. is orchestrating a dazzling ballet beneath a framework of titanium: hammers, chimes and a flying tourbillon spin in harmony on the dial of the Endeavour Concept Minute Repeater Tourbillon. To allow the passage of time to be both heard and admired, the Schaffhausen-based Manufacture is displaying this complex mechanism which sounds the hours on the dial side, choreographed against a brand-new shade, Electric Blue, and stripped of logo and indices. A welcome return back to basics, this purist approach allows all the beauty of the complication to be expressed without any unnecessary elements.

For the Endeavour Concept Minute Repeater Tourbillon, H. Moser & Cie. presents one of the most traditional watch complications and combines it with a magnificent flying tourbillon performing a spinning waltz. Two shaped chimes and the minute repeater hammers are resplendent against a dial featuring the newest colour in the H. Moser & Cie. catalogue, Electric Blue, intertwining with the tourbillon at 6 o'clock. To develop this marvel of ingenuity, H. Moser & Cie. drew on the expertise of Timeless SA, a specialist in minute repeaters. Together, the two manufactures created a brand-new design, showcasing the beauty of the complication by positioning the chimes and the hammers on the dial side. This involved overcoming many technical challenges. In particular, the chimes (which are placed on one level to preserve the finesse of the piece) had to be curved so as not to interfere with the flying tourbillon and to respect H. Moser & Cie.'s main focus to keep the design understated.

In creating the movement and the case, significant effort has gone into ensuring the diameter and thickness retain their elegant proportions. The sliding bolt, fitted on a Teflon runner to ensure it slides perfectly smoothly, is built into the main plate to save space. The case middle has been widened to the maximum in order to accommodate the movement while allowing enough space to create a soundbox. This amplifies the chiming of hours, quarter-hours and minutes by two gongs, onto which fall two hammers that are raised based on information provided by different feeler-spindles. The geometry of the case has been meticulously designed, developed and adapted to maximise the properties of titanium and enhance its impact, amplifying the resonance chamber whilst allowing the essential walls to form part of the resonance. Titanium has a high elastic modulus, which means that this material deforms very little under stress and is consequently more rigid; its low density ensures that it is also lightweight, and it retains the vibratory energy from sound well, rather than allowing it to dissipate thanks to its low damping effect. While ensuring the functioning of the minute repeater mechanism was already a complex technical feat, it also required perfect understanding of the subject to achieve a beautiful sound that combines amplitude, a certain length and a pure note.

The one-minute flying tourbillon at 6 o'clock is certainly eye-catching. Visible behind a skeletonised bridge, it is fitted to a ball bearing that improves the accuracy and chronometry. Resolutely contemporary, an icon for our modern times, the tourbillon appears to float weightlessly on the Electric Blue dial stripped of both logo and indices. The strap, made from black alligator leather, adds the final touch of elegance to this unconventional piece, which reinterprets this most romantic of complications in an understated, minimalist style.

H. Moser & Cie.'s own and unique take on Haute Horlogerie.



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TECHNICAL SPECIFICATIONS – ENDEAVOUR CONCEPT MINUTE REPEATER TOURBILLON

Reference 1903-0500, titanium model, Electric Blue dial, black alligator leather strap, limited edition of 20 pieces

Case

Titanium

Diameter: 43.0 mm/height: 14.0 mm

Sapphire crystal

Sliding bolt with runner made from Teflon

See-through sapphire crystal case back

Crown adorned with an "M"

Dial

Electric Blue with sunburst pattern

Hammers and chimes on dial side

Leaf-shaped hour and minute hands

Movement

Hand-wound HMC 903 calibre

Diameter: 33.0 mm/height: 9.62 mm

Frequency: 21,600 Vib/h

35 jewels

Power reserve: 90 hours

Double Moser stripes on the plate and bridges

Movement and components hand-finished and decorated

One-minute flying tourbillon at 6 o'clock with skeletonised bridge

Minute repeater

Functions

Hours and minutes

Minute repeater with hour, quarter-hour and minute chimes

Strap

Hand-stitched black alligator leather with red lining

Titanium pin buckle, engraved with the Moser logo



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REFERENCE & PHOTOS

Endeavour Concept Minute Repeater Tourbillon, reference 1903-0500, titanium model, Electric Blue dial, black alligator leather strap, limited edition of 20 pieces



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H. MOSER & CIE.

H. Moser & Cie. was created by Heinrich Moser in 1828. Based in Neuhausen am Rheinfall, it currently employs around 60 people, has developed 14 in-house calibres to date and produces more than 1,500 watches per annum. Through its sister company Precision Engineering AG (PEAG), H. Moser & Cie. manufactures parts such as regulating organs and balance-springs, which are used for its own production as well as to supply its partner companies. Independent company incorporated into Moser Watch Holding in 2012, Precision Engineering AG specialises in watch components for escapements, from their initial design to the production of a quality product ready to be integrated into the watch movement it must regulate. H. Moser & Cie. is honoured to have a Moser family member with the company as Honorary Chairman and President of the Heinrich and Henri Moser Foundation. The aim of the Moser Foundation, created by one of Heinrich Moser's descendants, is to keep the family history alive and seek out antique pieces for the Moser Museum, located in Charlottenfels Manor, Heinrich Moser's family home. With its substantial watchmaking expertise and highly acclaimed experience in the sector, MELB Holding holds shares in H. Moser & Cie. and Hautlence. MELB Holding is an independent family group, based in the heart of the legendary Vallée de Joux.