





verse has been divided into two op- ary displays. posing and very separate worlds: one of the skeleton watch which reveals ing piece with a modular display,"

NTIL now, the watchmaking uni- creates a hierarchy to read the second-

With its patent for "a watchmakthe mechanism's functions, and that of REVELATION paves the way for a new di-

THE ORIGINAL **CONCEPT**

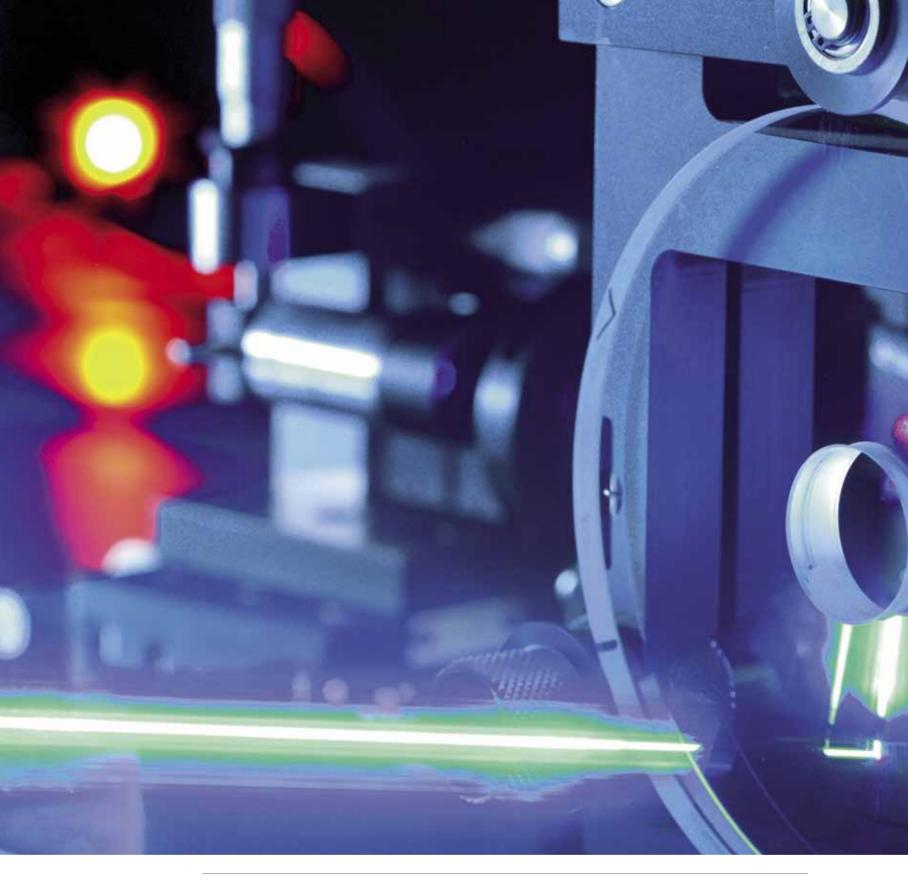
A NEW CHAPTER IN WATCHMAKING

the watch dial which focuses on reading

REVELATION has succeeded in marrying these two apparently incompatible notions thanks to a unique patented in-

This invention transforms a black dial into a transparent one by using an ingenious optical system. This original mechanism reveals not only the calibre but also

rection in watchmaking by offering Haute Horlogerie enthusiasts the possibility of wearing not one but two watches on their wrist at the same time, and of switching at will from the skeleton version to the traditional watch while keeping it on the



Production of the discs in the clean room

HE "miraculous" transformation Consequently, the design of the cases is is made possible by an optical property called "polarisation." Polarisation enables light rays to be channelled and

from a black to a transparent display an equally unprecedented undertaking, since they represent genuine technical complications in their own right.

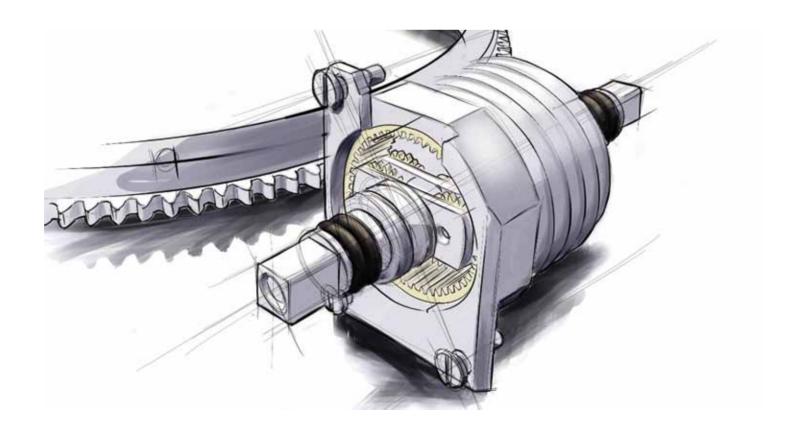
THE REVELATION **SYSTEM®**

AN ORIGINAL WATCHMAKING COMPLICATION

directed via filters with a nanometric for this purpose.

The major technical challenge of the REVELATION SYSTEM® resides in the interaction between the case elements and the movement components.

In the DOUBLE COMPLICATION line, structure that was specifically designed the REVELATION SYSTEM® is housed between the lugs. A secret trigger opens the bezel and reveals the TOURBILLON MANEGE®.



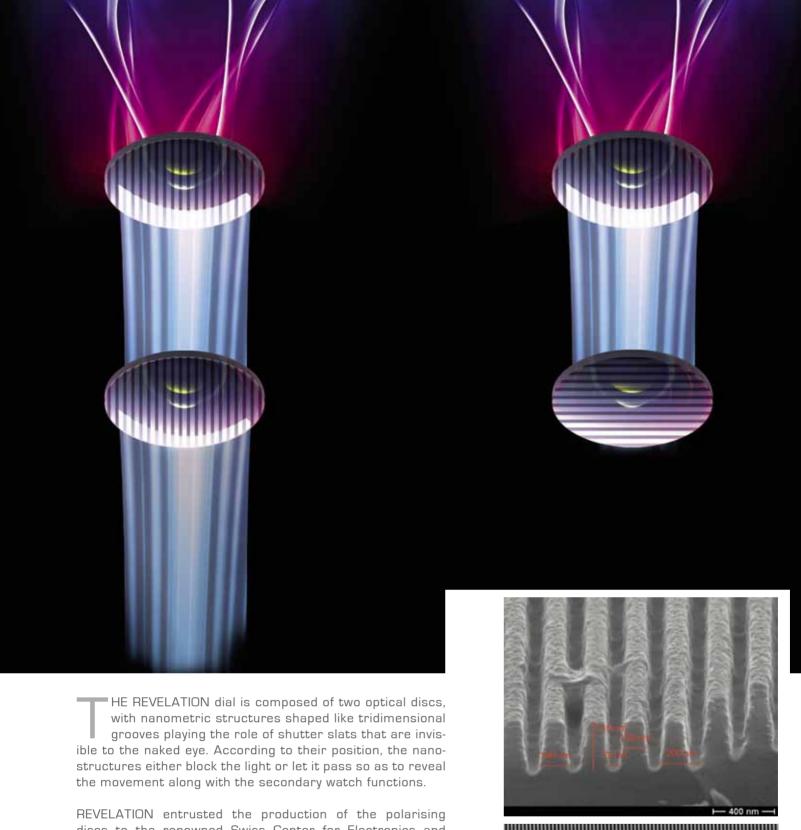




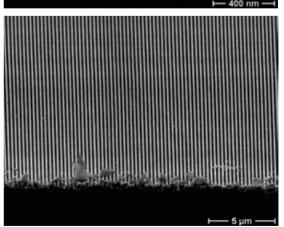
In the CHRONOGRAPHE MAGICAL WATCH DIAL line, the REVELATION SYSTEM® is housed in the rotating bezel.

As with the historical model, it is composed of several pinions and a toothed wheel coupled with the mobile polarising disc. In this model however, the system is placed in the vertical versus the horizontal position as the bezel must be rotated to reveal the skeleton movement and the date display.





REVELATION entrusted the production of the polarising discs to the renowned Swiss Center for Electronics and Microtechnology (CSEM).





The REVELATION SYSTEM®, an original watchmaking complication

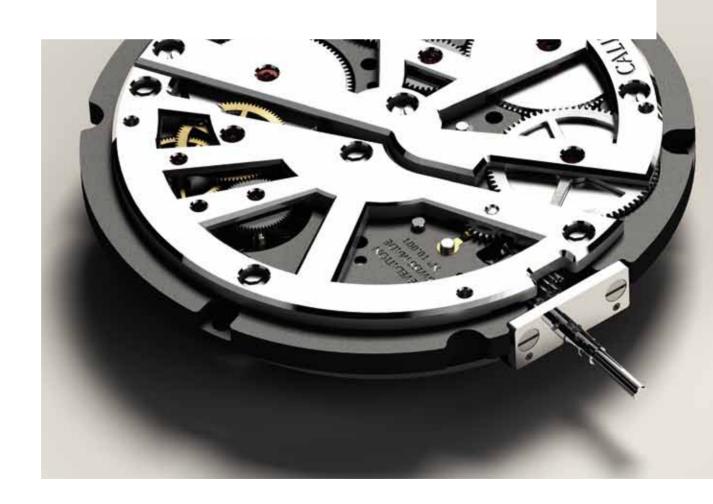


One of the world's oldest mechanical principles, discovered more than 2200 years ago, thereby rubs shoulders with one of today's most innovative optical technologies. The alliance between past and future perfectly illustrates the REVELATION philosophy reflected in the brand logo.



REVELATION MOVEMENTS

COMPLICATION AND CHRONOGRAPH





EW watchmaking brands are able to possess their own "Manufacture" or in-house movement, as only a few companies actually master the production of all watch components.

For its TOURBILLON MANEGE® powering the R01 DOUBLE COMPLICATION and R02 HAUTE HORLOGERIE collections, REVELATION decided to work from its base in Lully-sur-Morges to manage the supply and oversee the production of more than 360 components, provided by at least 40 subcontractors based in the Jura region. These partners represent the full range of watchmaking professions and skills.

REVELATION thereby ensures not only its autonomy in terms of supply, but also the quality required to create such an Haute Horlogerie movement.

The TOURBILLON MANEGE® is a unique complication. Like the traditional Breguet tourbillon and the Karousel, the TOURBILLON MANEGE® belongs to the prestigious family of rotating regulating organs. However, its specificity lies in the exact positioning of the escape-pinion, the lever and the balance. All elements of the regulating system are mounted on a flying mobile bridge: the TOURBILLON MANEGE® bridge.



Escapement





Making the most of this volume, the two founders designed a distinctive balance featuring three pairs of spokes. This allows the heart of the TOURBILLON MANEGE® to beat at the rate of 21,600 vibrations per hour.

Thanks to its four series-coupled barrels, this handwound movement boasts a guaranteed power reserve of $48\,$ hours.



HIS unique assembly was named "Manège" by the creators, because just as in a fairground attraction or carousel, where cars and horses are mounted on a rotating platform, all components of the regulating system are mounted on this unique element with its unmistakably recognisable design.

This platform is held between two wheels that are mounted on the central axis of the piece. This system, which is truly unique in the field of watch construction and similar in function to a fourth wheel, transmits the force supplied by four barrels through a conventional going train. The wheel torque maintains the rotation of the

TOURBILLON MANEGE®, which has been calculated to last one minute, thereby compensating, just as in a traditional Tourbillon mechanism, for gains or losses in rate.

The design of a "Manufacture" movement is a monumental task, which explains why so few brands accepted the challenge that REVELATION set for itself in the development and production of its own TOURBILLON MANEGE®.



TM01 Calibre

Power reserve: 48 hours Jewelling: 44 jewels

Vibrations: 21,600 vibrations per hour

Diameter: 34 mm Thickness: 6 mm



OR the chronograph line, REVELATION chose to equip its RO3 watch with a movement developed by the company Dubois Dépraz. This family business, established in 1901, has been producing movements for more than a century.

The two entities worked together to personalise the chronograph function of the RO3 CHRONOGRAPHE MAGICAL WATCH DIAL line. The hand-fitting heights were designed to ensure the smooth integration of the REVELATION SYSTEM® within the movement. The date system and the oscillating weight of this self-winding movement were de-

signed by REVELATION.

The appearance of this distinctive oscillating weight is reminiscent of the "Manufacture" TOURBILLON MANEGE® movement and is clearly representative of the brand. The oscillating weight is also entirely finished by hand, as indeed are the bridges of the complication.







CH01 Calibre

Automatic chronograph Power reserve: 42 hours Jewelling: 61 jewels

Vibrations: 28,800 vibrations per hour

Diameter: 30 mm Thickness: 7.10 mm









UNIQUE MAINPLATE

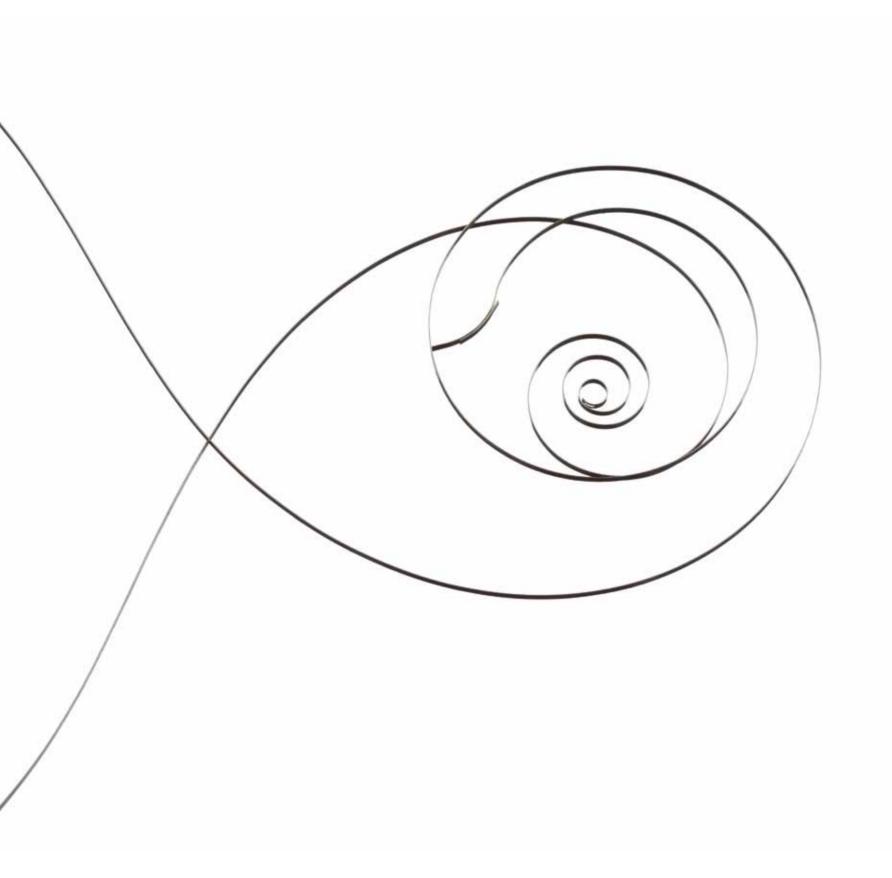
The mainplate is beadblasted and then placed in a special bath that lends it a particular colour. In order to bring out the sparkle of the jewels, they are fitted in a drilled hole that finishes in the shape of a "droplet".

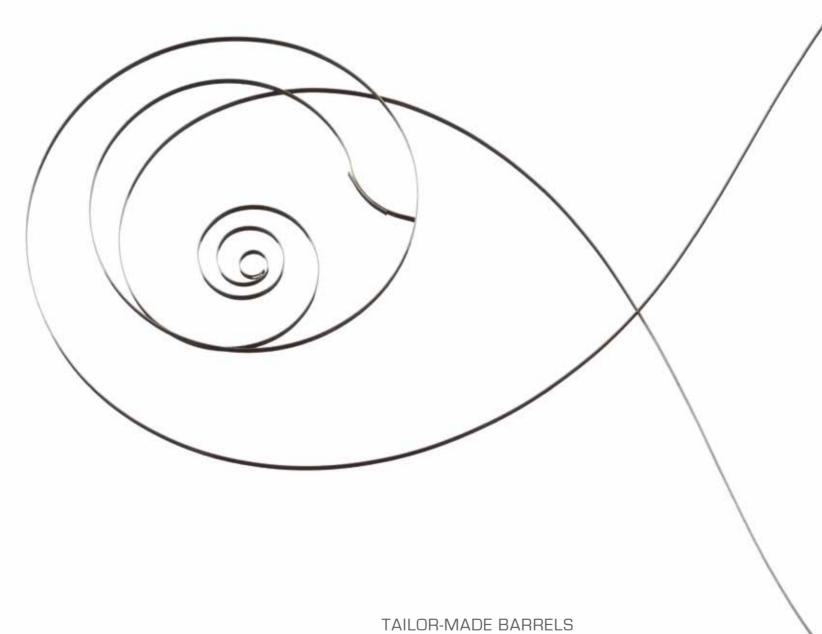






technical components such as pull-out pieces and springs, as well as the escapement.

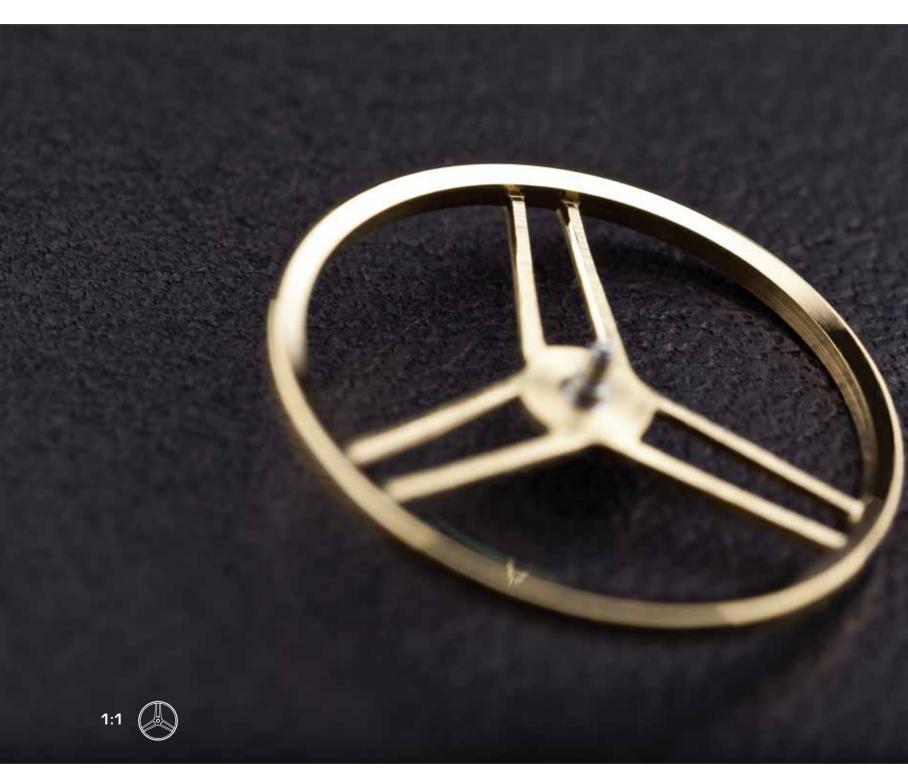




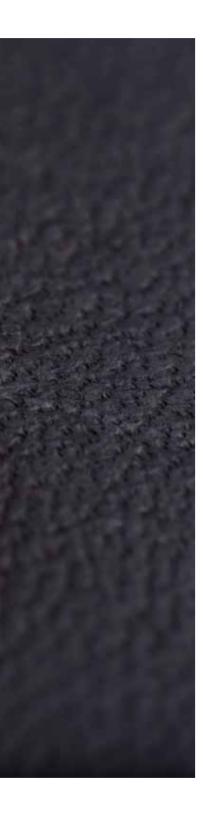
The mainsprings of the TOURBILLON MANEGE® were specifically developed and calculated for this Haute Horlogerie complication.







The balance-spring is specially designed for the calibre



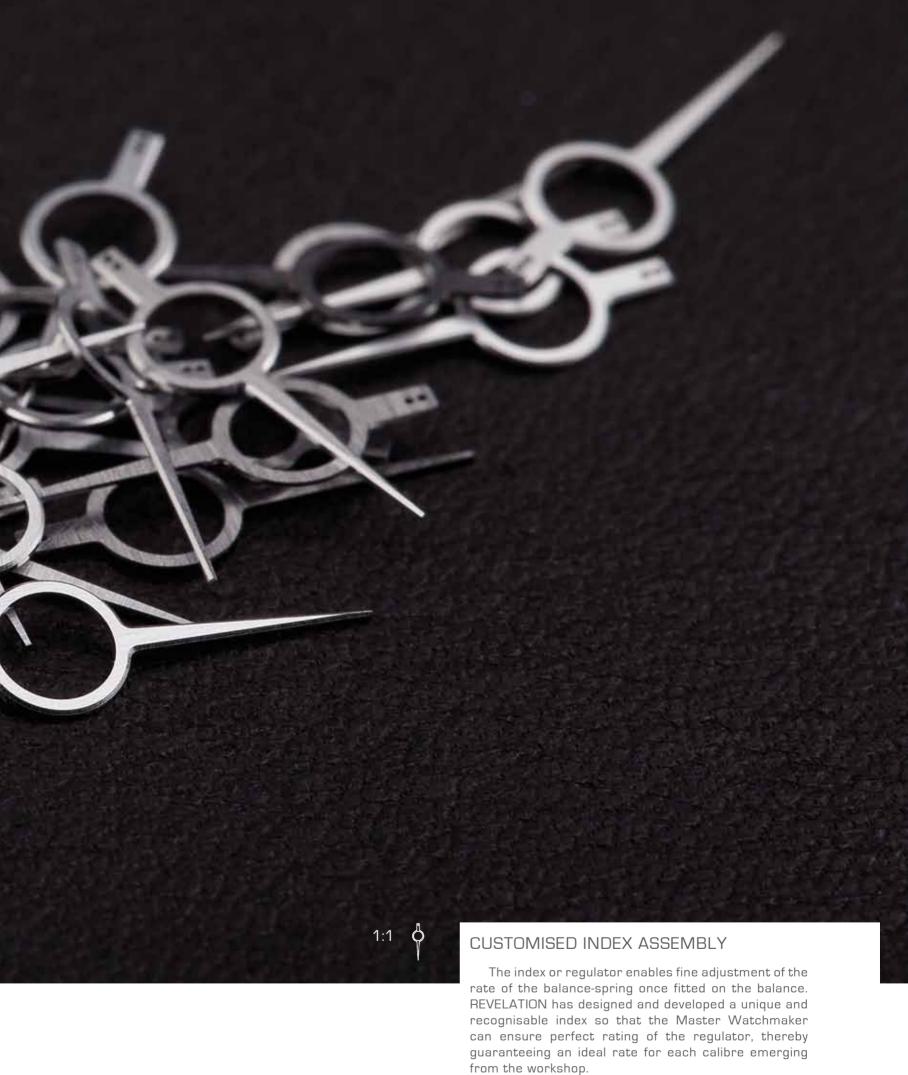
BALANCE-SPRING SPECIFICALLY CALCULATED FOR THE CALIBRE

Together with the balance, the balance-spring composes the regulating organ of the watch. Its technical properties, and in particular its elasticity, are specific to each movement. The balance-spring of the TOURBILLON MANEGE® is cut, rated and adjusted by REVELATION's Master Watchmaker. This hand-crafted work calls for considerable expertise, and only a few specialists still exercise this art of personalised rating.

The balance bears the balance-spring, the oscillations of which impart a regular cadence to the movement going train. Poising it is a crucial step in ensuring the smooth running of the watch. The design of the REVELATION balance with its three pairs of spokes is an unmistakable signature of this "Manufacture" proprietary movement.





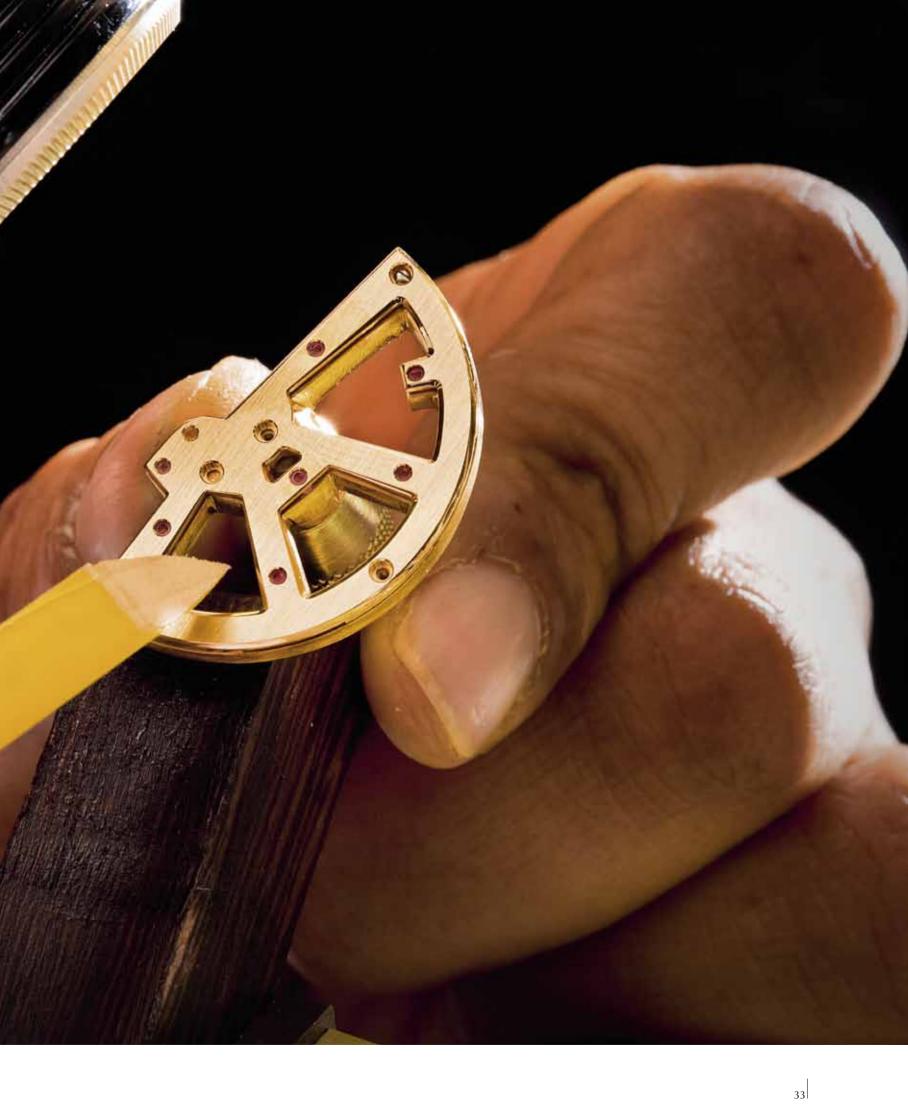


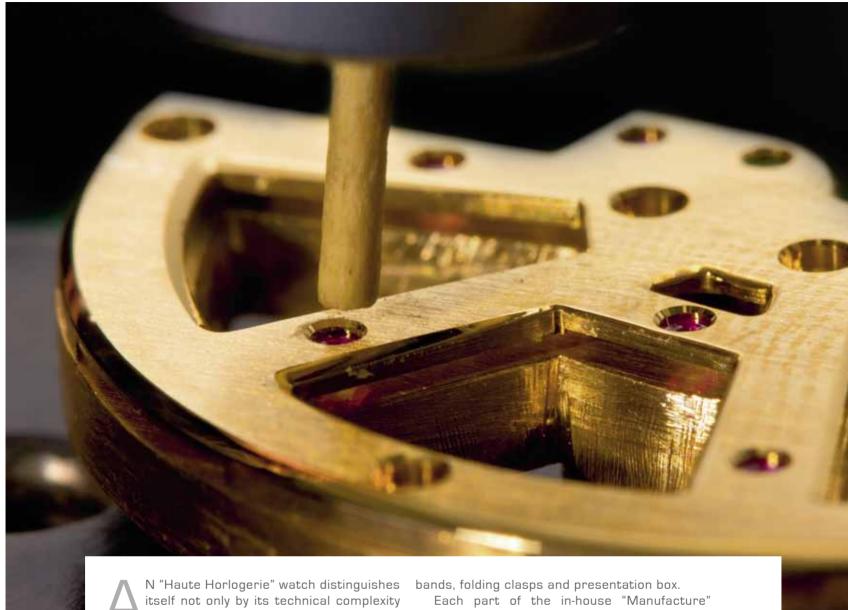


FINISHING TOUCHES AND DECORATION

THE SIGNATURE OF EXCELLENCE







N "Haute Horlogerie" watch distinguishes itself not only by its technical complexity but also by its aesthetics and the attention to detail that is devoted to each of the components.

Haute Horlogerie finishing touches do not play a dominant role in the functionality of the components, as their main purpose is to exalt the beauty of the mechanical parts. Only a human being can perform such finishing, which takes a considerable amount of time – which explains why watchmakers reserve this level of finish for their most prestigious watches.

REVELATION watches live up to their prestigious signature through the sophisticated finishing of both their cases and movements, and the same goes for the fully hand-crafted watch-

Each part of the in-house "Manufacture" movement TOURBILLON MANEGE® is finished, polished and bevelled by hand, notably the bridges designed by the founders with their 54 interior angles which are impossible to bevel by machine. The flanks of the parts are all reworked and adorned with hand-drawn file strokes, also known as straight graining. As for the wheels, they are sunray finished and immersed in a special bath that gives it a yellow or gold colour depending according to the designer's choice. The REVELATION screws identifiable by their butterfly design are polished to ensure a beautiful sparkle once they are set in the movement or the case.



Bevelling of the seconds bridge



Final step of polishing the bridges



separately finished and adjusted. This high-quality treatment is also lavished on the folding clasps.

At each stage of the decoration, this delicate work involves the inevitable risk of damaging one of the components and therefore rendering it unusable, which would mean starting the process all over again. There are 365 parts in the TOURBILLON

REVELATION watches are produced entirely in Switzerland, which entitles them to bear the "Swiss made" label. The law stipulates that in order for a watch to be considered Swiss, it must use a Swiss movement. According to article 2 OSM, a movement

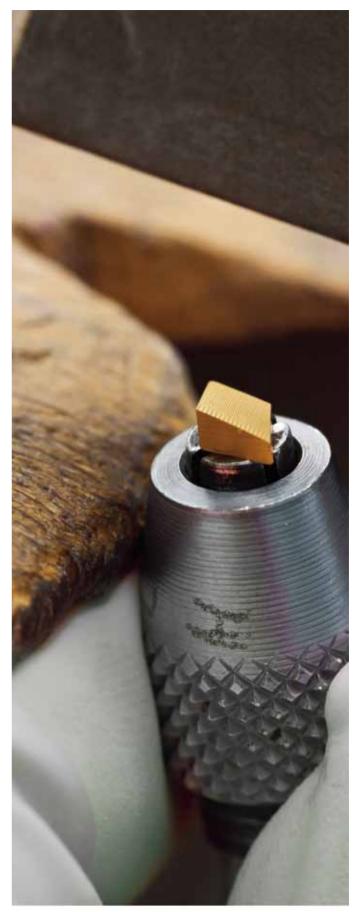
Not only can REVELATION legitimately apply the "Swiss made" label to its models, but it actually far surpasses the legislation and could even lay claim to a "controlled appellation of origin," since all movement components are produced in Switzerland, in addition to the case, the entire REVELATION SYSTEM® as well as the folding clasps, the hands and the dials.

MANEGE®.





Decoration of the case pins



timepiece for eminent collectors. the founders. At first glance, the watch is recognizable by the 4 pins on the lugs securing the carrier to the case middle. tive eyes.

veals its true nature once one actuates The RO1 timepiece is the origi- the spring catch discreetly integrated nal historical model conceived by within the case middle. It serves to open the bezel and unveil the TOURBILLON MANEGE®, previously hidden from inquisi-

THE COLLECTION

R01 DOUBLE COMPLICATION

Since the design of the model flows form the functionality, the design of the RO1 is unique in its kind.

The thickness of the case, its water resistance, the volume of the REVELATION SYSTEM®, and its positioning in respect to the movement and the hands represent a number of technical constraints that had to be addressed in order to achieve genuine aesthetic harmony.

In keeping with the tradition of secret watches and as a tribute to the talent of the master-watchmakers of yesteryear, the RO1 DOUBLE COMPLICATION only re-

The RO1 DOUBLE COMPLICATION collection is interpreted through four models. The watches come in a choice of black PVD-coated titanium, in 18kt yellow gold, in 18kt pink gold and black PVDcoated pink gold, as well as in 18kt white gold. The cases which are also produced in these materials are numbered and of a limited series from 1 to 15.

The leather strap is pre-formed with special inserts to ensure a perfectly comfortable feel on the wrist, while a personalised folding clasp sets the finishing touch to this horological gem designed for Haute Horlogerie connoisseurs.





R01. TM01. P1. A0001



R01. TM01. 5N. A0001



R01. TM01. T2. A0001





Case: 45 mm in diameter, 15 mm thick

Water resistance: 3 ATM

Movement: 33 mm in diameter, 7.00 mm thick

Jewels: 44

Vibrations: 21,600 Power reserve: 48 hours





HE RO2 HAUTE HORLOGERIE model was specially created for connoisseurs of horological complications and technological feats. It is the first in the lineage of "Haute Horlogerie" collec-

The RO2 HAUTE HORLOGERIE collection is currently available in three versions providing a choice of 18kt yellow gold, pink gold or white gold.

The black Barenia genuine calfskin

THE COLLECTION

R02 HAUTE HORLOGERIE

tions stemming from the original model, the RO1.

The heart of the RO2 HAUTE HORLOGERIE model beats thanks to the "Manufacture" proprietary TOURBILLON MANEGE®. The transparent sapphire dial reveals the movement in operation and the TOURBILLON MANEGE® making one full turn per minute.

strap is silky to the touch. It is especially comfortable to wear thanks to the two inserts that were specially created to perfectly hug the wrist. It is mounted on a gold folding clasp of which the cover is engraved with the name "REVELATION."



R02. TM01. 5N. A0001



R02. TM01. 3N. A0001



R02. TM01. P1. A0001





Case: 45 mm in diameter, 14 mm thick

Water resistance: 3 ATM

Movement: 33 mm in diameter, 7.00 mm thick

Jewels: 44

Vibrations: 21,600 Power reserve: 48 hours







The RO3 CHRONOGRAPHE

chronograph that is unique in the appear simply at a quarter-turn of the

The RO3 CHRONOGRAPHE MAGICAL MAGICAL WATCH DIAL inaugurates the WATCH DIAL collection is currently availsports collection based on the brand's able in stainless steel. The movement and

THE COLLECTION

R03 CHRONOGRAPHE MAGICAL WATCH DIAL

founding idea and patented world pre- hand-finished oscillating weight are visible miere: the REVELATION SYSTEM®.

In the RO3 CHRONOGRAPHE MAGICAL back. WATCH DIAL, the double differential coupled with an Archimedes' screw is re- sewn REVELATION strap in black Barenia placed by three pinions that are directly calfskin, equipped with a REVELATION connected to the rotating bezel that is specifically ratcheted for this purpose. The movement and the date mysteriously

thanks to a sapphire crystal on the case-

Each watch is available with the handfolding clasp.



R03. CH01. ST. A0001



R03. CH01. ST. A0001



RO3 Chronograph with dial in the closed position

Case: 45 mm in diameter, 14 mm thick

Water resistance: 3 ATM

Movement: 30 mm in diameter, 7.10 mm thick

Jewels: 61

Vibrations: 28,000 Power reserve: 42 hours



RO3 Chronograph with dial in the open position



Hand-finished decoration of the RO3 steel case chronograph case



Hand-finished interior angles on the movement rotor

THE CLASP

R03 CHRONOGRAPHE MAGICAL WATCH DIAL





Steel folding clasp Swiss made Hand-finished decoration



ers in the watchmaking business.

EVELATION is a dream come true points towards the past, like a tribute to for a couple united in private life watchmaking pioneers, while the other and professionally. Anouk Danthe is resolutely turned towards the future. and Olivier Leu are both industrial design- The two mirror-like elements materialise the link between the history of classical On January 31st 2007, they found- fine watchmaking and new trends, playing

THE FOUNDERS

A COUPLE, A DREAM

ed Créations Horlogères de Lully SA with the most extravagant materials and to accommodate the two creative tal- the most astonishing designs. ents' shared intellectual property: the watchmaking piece with a modular display," for the purpose of bringing to life the first historical piece.

The brand logo, designed by the founders, also represents their own approach: a balanced and harmonious vision blending feminine and masculine qualities. One

Once the brand was established in the REVELATION brand and the patent for "a old school of Lully-sur-Morges, a village located in the heart of the vineyards overlooking Lake Léman, the adventure could at last begin.





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