



LOUIS MOINET

1806



IMPULSION ONYX

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The magic of black onyx

IMPULSION is back in a new limited edition featuring an onyx. This timepiece is yet another masterpiece by Louis Moinet, where technology meets artistry to produce a phenomenal visual spectacle.

For this new performance, the onyx is placed behind the tourbillon cage and on the wing-shaped bridges to each side of it, where it harmonises with the black hue of the mainplate. This mysterious and spellbinding stone creates a fascinating contrast with the three-dimensional architecture of the mechanism.



«IMPULSION, an homage to founding fathers of watchmaking.»

Story

Abraham-Louis Breguet and Louis Moinet were close friends and key figures in watchmaking. The former invented the tourbillon, the latter the chronograph. Today, Les Ateliers Louis Moinet draws on a veritable wellspring of modern creativity that has succeeded in integrating these two high complications in a new mantel, one that generates strong emotions.



The projet

The idea of combining a chronograph with a tourbillon is not entirely new. What does differentiate this timepiece from previous creations is its original and bold character. The first step was to make the chronograph mechanism entirely visible on the dial side, a world premiere, in fact. The magic of a tourbillon was then added.

The result is impressive, a remarkable spectacle and a feast for the eyes. A single pusher activates the chronograph hand, which ticks away the seconds and sails over the flying tourbillon, whose off-centre cage does one rotation per minute.

This creation was named IMPULSION, a word that suggests the energy that transfers life to the chronograph and the tourbillon and activates both two visual effects to produce a full-fledged “show,” as it were.



Genesis

At the heart of the IMPULSION is the in-house Memoris calibre. It carries the Louis Moinet DNA, with its column wheel, classic horizontal clutch, and single pusher. So, we made sure these characteristics would be maintained. However, this is easier said than done. The movement is composed of 301 parts, many of which had to be designed and manufactured from scratch. Incorporating the tourbillon required significant innovations, for example, in terms of energy delivery:

1) The "volte-face" double spring barrel

To ensure sufficient energy, the automatic winding system had to be replaced by a manual double-barrel winding system in a «volte-face» assembly. This means that the two barrels are arranged upside down in series. They release their energy simultaneously, delivering a power reserve of ninety-six hours.

2) Technical and aesthetic results

The innovation is coupled with outstanding performance by the complex mechanisms. All in all, it produces beautiful mechanical art never seen before.

The three-dimensional architecture of the two impressive mechanisms is expressed on the wrist thanks to the high-end finishing by Louis Moinet craftsmen in collaboration with our traditional partner Concepto. The watch is assembled in our own workshops in Les Breuleux, in the Swiss Jura Mountains. It is signed Louis Moinet, independent watchmaker.



«301 re-designed and re-engineered parts, major innovations, unprecedented mechanical art.»

The IMPULSION case

A sculptural masterpiece

The 42.5-millimeter IMPULSION case stands out thanks to its forceful character. Its sculpted silhouette, clean lines, and openworked areas give it a resolutely dynamic look that defies conventions and embodies Louis Moinet's avant-garde spirit.



*«No fewer than six crafts applied just for
the finishing.»*

Top technology, finest craftsmanship

Special care was devoted to designing the IMPULSION case, so it could house an equally exceptional movement. It was quite a challenge. The visionary design had to be elaborated down to the last detail and without any compromises. This process required total harmony between cutting-edge technology and traditional expertise. Making the case demanded top-drawer technical developments, creating special tools, as well as hand-finishing performed with utmost care. Everything had to be orchestrated by highly skilled professionals. For the finishing alone, experts from six different crafts were deployed.

Thanks to the technology, the IMPULSION case has a stylistic language that merges function and form to create a horological work of art.

Sculptural design and detailed finishing

The IMPULSION case is a technical and aesthetic work of art. The core was machined from Grade 5 titanium, which offers optimal weight-to-strength ratio, and then given a black coating. The material was chosen for its comfort when worn.

The ingeniously assembled chassis is composed of four distinct elements: two lateral sections, a rear section, and a bezel crafted in 18-carat red gold.

The lateral elements, with their stylized, hollowed-out lugs, exhibit boldly elegant lines. The titanium core can be seen through cut-outs in the case band, through which one can read the inscription "Titanium" engraved in the metal. These aesthetic touches add a special visual dimension to the case while at the same time contributing to its lightness.



«An ingeniously conceived chassis.»



The bezel is both complex and modern, with micro-beaded grooves, which are another stylistic signature of the brand. Furthermore, the curved sapphire crystal reveals the powerful mechanism and optimises the reading of the chronographic functions. The case back reveals its sophisticated mounting system.

The finishing on these elements alternates between polished, satin-finished, and micro-beaded, which allows for a lively play of light. The combination of textures provides a striking contrast with the titanium core.

Another salient feature of the IMPULSION case is the single pusher dedicated to the chronograph function and positioned at 2 o'clock. This genuine Louis Moinet hallmark is accompanied by a crown adorned with a fleur de Lys, subtly enhanced by a touch of colour reminiscent of the core.

Every close look at the IMPULSION is a wonderful invitation to savour its wealth of detail, and the blend of technicity and craftsmanship.



TECHNICAL SPECIFICATIONS

WATCH



LIMITED EDITION OF 28
WATCHES

IMPULSION ONYX

CASE



MATERIAL

18K red-gold | Grade 5 titanium, black



DIAMETER

42.50 mm

MOVEMENT



FUNCTIONS

Hours, minutes, seconds, chronograph with 60-seconds and minutes counter

COMPLICATION

Flying tourbillon, mono-pusher chronograph with column wheel control



TYPE

Manual winding, double spring barrel



OSCILLATIONS

28,800 vibrations per hour



JEWELS

36



POWER RESERVE

96 hours



WATER RESISTANCE

30 metres



ABOUT LOUIS MOINET

Louis Moinet devoted his entire life to his art without consideration for his legacy. He was a genius, a man possessed by his craft. As it happened, his humility almost denied him the plaudits he deserved for his enormous contributions to the history of horology.

The inventor of both the world's first chronograph and the first high-frequency watch, Moinet would not receive widespread acclaim for either for more than one hundred years after his death. Jean-Marie Schaller sensed he was responding to a call of destiny when he took on the mission to preserve Louis Moinet's exceptional heritage and share it with the rest of the world. In 2012, at an auction, he discovered and acquired Louis Moinet's famous "compteur de tierces". This instrument, identified as the world's first chronograph, was introduced to the general public on 21 March 2013, a date that rewrote the history of watchmaking. Thus, Louis Moinet was officially awarded the prestigious title of «First Chronograph» by the Guinness World Records™ organisation.

Ever since, Les Ateliers Louis Moinet in St-Blaise has worked tirelessly to protect and promote the legacy of Louis Moinet (1768–1853), harnessing the same creative spirit that propelled Moinet himself to greatness. Under the watchful eye of Jean-Marie Schaller, Les Ateliers Louis Moinet produces exclusively mechanical timepieces that fall into one of two categories, either "Cosmic Art" or "Mechanical Wonders".

Every Louis Moinet timepiece is produced as either a one-of-a-kind piece or as part of a strictly limited series. Continuing the inventive and eccentric legacy of the man behind the name, Louis Moinet's creations often make use of unusual and rare components, such as extraterrestrial meteorites or prehistorical materials.

The brand's core values are creativity, exclusivity, and art and design. This unique creative approach within the world of mechanical horology has enabled Louis Moinet to win over fifty of the world's most prestigious awards, including a UNESCO Award of Merit, seven Red Dot Design Awards, eighteen Good Design Awards, gold and bronze medals in the International Chronometry Competition, and many more.

Jean-Marie Schaller also personally received two illustrious distinctions: He was awarded the high-ranking title of "Darjah Seri Sirajuddin Perlis", corresponding to a knighthood, and was also honoured with the Prize for Horological Creativity Contribution Award for his "overall contribution to watchmaking".