

LEGACY MACHINE FlyingT Red Gold / Platinum

MB&F





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SUMMARY

The story begins (as so many do) with a woman. Legacy Machine FlyingT owes its genesis to founder Maximilian Büsser's ruminations on the keystone roles that women have played in his life. Launched in the first months of 2019, Legacy Machine FlyingT manifested a rich and complex femininity, choosing to embody elegance and vitality — a formidable resilience — over the softer conventions of womanhood as familiarly seen in watches aimed at the XX side of the chromosome divide.

A soaring flying tourbillon projects, column-like, from the dial plate of LM FlyingT, driven by energy generated by the sun-shaped rotor. A diamond flashes atop the upper tourbillon cage. Dynamism and precisely engineered motion characterise LM FlyingT, which debuted in three white gold diamond-set editions: one with a simple halo of brilliant-cut gems on the bezel and lugs, one fully paved with brilliants and one fully paved with baguette-cut stones. This powerful articulation of feminine horology, the first of its kind from MB&F, was awarded the Prix de la Complication pour Dame at the 2019 Grand Prix d'Horlogerie de Genève.

In 2020, LM FlyingT sheds its diamonds and embraces its natural self with an edition in red gold and one in platinum.

Removing the crystallised carbon crust of Legacy Machine FlyingT allows to rediscover the central column of the flying tourbillon in hyperfocus. In place of the stretched-lacquer dial plate is a guilloché plate with a radial pattern of scalloped arches, drawing the eye towards the cinematic heart of the in-house developed engine.

The guilloché dial plate, executed by longtime MB&F collaborator Kari Voutilainen in his specialised dial facility, exists in two versions. One is as dark as a moonless night, and is housed in a red gold case, while the other is midsummer sky-blue, with a platinum case. The same LM FlyingT, when switched between nocturnal and diurnal modalities, is as different as the world when seen by night and by day.

Only one glittering connection to their diamond-armoured predecessors remains to the new editions of Legacy Machine FlyingT. At the top of the flying tourbillon that gives LM FlyingT its name, a single 0.035-carat stone that rotates in time with the underlying mechanism, making one complete turn every 60 seconds. At each of the rotational angles that it undergoes — 300 per minute, as predefined by the 2.5Hz (18,000bph) balance — the diamond unleashes a new lance of prismatic light, thanks to its sharply faceted cut.

At the foot of the flying tourbillon, located at the 7 o'clock position, is a dial of white lacquer that displays the hours and minutes with a pair of blue serpentine hands. The dial is inclined at a 50° tilt so that the time can be read only by the wearer; an intimate communication that highlights the personal nature of the LM FlyingT.

On the reverse, the automatic winding rotor takes the shape of a three-dimensional red gold sun with sculpted rays, providing LM FlyingT with four days (100 hours) of power reserve.

After the diamond-set launch editions, Legacy Machine FlyingT is now offered in two limited editions of 18 pieces each: 18K red gold case with black guilloché dial (Night) and platinum 950 case with sky-blue guilloché dial (Day).



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The intricate pattern of the LM FlyingT dial plates are created exclusively at Comblémine, the dial facility of Kari Voutilainen, located in the alpine district of Val-de-Travers. The unique scalloped design is created by engraving a brass disc with a hand-guided rose engine.

Each disc is engraved manually, in accordance with Voutilainen's strict codes of traditional watchmaking decoration technique. Many of the dial patterns that emerge from Comblémine are conceived entirely in-house through years of expertise and know-how, and their execution is a secret known only to the most senior members of the workshop, including Voutilainen himself.

The pattern of the LM FlyingT dial plate is simultaneously versatile and evocative, carrying a wealth of associations that reinforces the kinetic dynamism of the flying tourbillon. From the sleek overlapping discs of supple mediaeval scale armour, to the light-dappled scales of a fish darting through the water, to the foam-edged waves of the sea, the radial scalloping of the dial plate pattern is as rich with visual association as LM FlyingT itself.

Voutilainen's association with MB&F began in 2011, with the launch of the Legacy Machine collection, which bore his aesthetic signature of extra-refined finish and classic movement design. Since then, each Legacy Machine creation has been marked by Voutilainen's unmistakable touch, with the recent MB&F Legacy Machine Thunderdome containing wheels finished in his workshop.

ABOUT THE ENGINE

The mechanical antecedents of Legacy Machine FlyingT lie mostly in the Horological Machine collection, namely with the HM6 series and HM7 Aquapod.

In a departure from most modern watch movements, which take a radial and co-planar approach to movement construction, the LM FlyingT engine (and the HM7 engine before it) utilises a vertical and co-axial approach. The cinematic flying tourbillon, which boldly projects beyond the dial-plate of LM FlyingT, is a visually stunning example of the rotating escapement and stands in stark contrast to other flying tourbillons, which usually do not venture past the confines of their surrounding watch dials.

Flying tourbillons, as their name suggests, are anchored only at their base, with no stabilising bridge to restrict lateral motion at the top. This increased need for overall rigidity is what causes the conservative placement of most flying tourbillons within their movements. With the HM6, HM7 and now

LM FlyingT, MB&F breaks free of this limiting need for movement security and confidently displays its flying tourbillon in all its glory.

An additional distinct challenge which arose in the construction of LM FlyingT was the shape of the upper tourbillon cage, which creates more mass on one side of the tourbillon than the other. In order to compensate and ensure that the mechanism remains balanced, a counterweight was hidden under the tourbillon carriage, on the opposite side of the upper tourbillon cage.

In order to display the time as precisely as possible on the 50° inclined dial, conical gears were employed to optimally transmit torque from one plane to another, a solution first used in HM6 and subsequently in HM9 Flow.

The 280-component engine of Legacy Machine FlyingT has a power reserve of four days, which is among the highest within MB&F, a testament to the growth of in-house expertise and experience.



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Engine

Three-dimensional vertical architecture, automatic winding, conceived and developed in-house by MB&F
Central flying 60-second tourbillon, with a diamond at the top of the flying tourbillon cage
Power reserve: 100 hours
Balance frequency: 2.5 Hz / 18,000 bph
Three-dimensional sun winding rotor in 18k 5N+ red gold, titanium and platinum.
Number of components: 280
Number of jewels: 30

Functions/indications

Hours and minutes displayed on a 50° vertically titled dial with two blued serpentine hands.
Two crowns: winding on left and time-setting on right

Case

Material: 5N+ 18k red gold and platinum 950
High domed sapphire crystal on top with anti-reflective coating on both sides, sapphire crystal on back.
Dimensions: 38.5mm x 20mm
Number of components: 17
Water resistance: 30 m / 90' / 3 atm

Strap & buckle

Calf or alligator leather straps with red gold or platinum pin buckle matching the case.

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LEGACY MACHINE

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Concept: Maximilian Büsser / MB&F
Product design: Eric Giroud / Through the Looking Glass
Development and production management: Serge Krikhoff / MB&F
R&D: Ruben Martinez, Simon Brette and Thomas Lorenzato / MB&F
Movement development: Ruben Martinez / MB&F

Case: Giuseppe Di Stefano / STG Creation
Profile-turning wheel/pinion/axis: Paul André Tendon / Bandi, Decobar Swiss, Gimmel Rouages and Le Temps Retrouvé
Springs and jumpers: Alain Pellet / Efeil Swiss
Mainspring and barrel: Stéphane Schwab / Schwab Feller and Sébastien Jeanneret / Atokalpa
Tourbillon: Andreas Kurt / Precision Engineering
Wheels: Patrice Parietti / MPS Micro Precision Systems
Plates and bridges: Benjamin Signoud / Amecap, Rodrigue Baume / Horlofab and DEM3
PVD-treatment dial: Pierre-Albert Steinman / Positive Coating
Decoration of the guilloché dial plate: Kari Voutilainen /
Black dial plate fine-finishing: Hassan Chaïba and Virginie Duval / Les Ateliers d'Hermès Horlogers
Setting of diamonds and baguettes-cut diamonds (case, dial plate and crowns): Giuseppe Di Stefano /STG Creation
Sun-shaped winding rotor: Nathalie Guilbaud / Cendres et Métaux
Hand-finishing of movement components: Jacques-Adrien Rochat and Denis Garcia / C.-L. Rochat, Kari Voutilainen
Sapphire glass: Sebal
Anti-reflection treatment for sapphire crystals: Anthony Schwab / Econorm
Serpentine hands: Isabelle Chillier / Fiedler
Dial (discs for hours – minutes): Hassan Chaïba and Virginie Duval / Les Ateliers d'Hermès Horlogers
Strap: Multicuirs
Movement assemblage: Didier Dumas, Georges Veisy, Anne Guiter, Emmanuel Maitre and Henri Porteboeuf / MB&F
In-house machining: Alain Lemarchand and Jean-Baptiste Prétot / MB&F
Quality Control: Cyril Fallet / MB&F
After-Sales service: Thomas Imberti / MB&F
Buckle: Giuseppe Di Stefano / STG Creation
Crowns: Cheval Frères SA
Presentation case: Olivier Berthon / Soixanteetonne
Production logistics: David Lamy and Isabel Ortega / MB&F

Marketing & Communication: Charris Yadigaroglou, Virginie Toral, Juliette Duru and Arnaud Légeret / MB&F
M.A.D.Gallery: Hervé Estienne / MB&F
Sales: Thibault Verdonckt, Virginie Marchon and Jean-Marc Bories / MB&F
Graphic design: Samuel Pasquier / MB&F, Adrien Schulz and Gilles Bondallaz / Z+Z
Watch photography: Maarten van der Ende and Alex Teuscher
Portrait photography: Régis Golay / Federal
Webmasters: Stéphane Balet / Nord Magnétique, Victor Rodriguez and Mathias Muntz / Nimeo
Texts: Suzanne Wong / Worldtempus

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Founded in 2005, MB&F is the world's first-ever horological concept laboratory. With almost 20 remarkable calibres forming the base of the critically acclaimed Horological and Legacy Machines, MB&F is continuing to follow Founder and Creative Director Maximilian Büsser's vision of creating 3-D kinetic art by deconstructing traditional watchmaking. After 15 years managing prestigious watch brands, Maximilian Büsser resigned from his Managing Director position at Harry Winston in 2005 to create MB&F – Maximilian Büsser & Friends. MB&F is an artistic and micro-engineering laboratory dedicated to designing and crafting small series of radical concept watches by bringing together talented horological professionals that Büsser both respects and enjoys working with.

In 2007, MB&F unveiled its first Horological Machine, HM1. HM1's sculptured, three-dimensional case and beautifully finished engine (movement) set the standard for the idiosyncratic Horological Machines that have followed – all Machines that tell the time, rather than Machines to tell the time. The Horological Machines have explored space (HM2, HM3, HM6), the sky (HM4, HM9), the road (HM5, HMX, HM8) and water (HM7).

In 2011, MB&F launched its round-cased Legacy Machine collection. These more classical pieces – classical for MB&F, that is – pay tribute to nineteenth-century watchmaking excellence by reinterpreting complications from the great horological innovators of yesteryear to create contemporary objets d'art. LM1 and LM2 were followed by LM101, the first MB&F Machine to feature a movement developed entirely in-house. LM Perpetual, LM Split Escapement and LM Thunderdome broadened the collection further. 2019 marked a turning point with the creation of the first MB&F Machine dedicated to women: LM FlyingT. MB&F generally alternates between launching contemporary, resolutely unconventional Horological Machines and historically inspired Legacy Machines.

As the F stands for Friends, it was only natural for MB&F to develop collaborations with artists, watchmakers, designers and manufacturers they admire.

This brought about two new categories: Performance Art and Co-creations. While Performance Art pieces are MB&F machines revisited by external creative talent, Co-creations are not wristwatches but other types of machines, engineered and crafted by unique Swiss Manufactures from MB&F ideas and designs. Many of these Co-creations, such as the clocks created with L'Épée 1839, tell the time while collaborations with Reuge and Caran d'Ache generated other forms of mechanical art.

To give all these machines an appropriate platform, Büsser had the idea of placing them in an art gallery alongside various forms of mechanical art created by other artists, rather than in a traditional storefront. This brought about the creation of the first MB&F M.A.D. Gallery (M.A.D. stands for Mechanical Art Devices) in Geneva, which would later be followed by M.A.D. Galleries in Taipei, Dubai and Hong Kong.

There have been distinguished accolades reminding us of the innovative nature of MB&F's journey so far. To name a few, there have been no less than 5 Grand Prix awards from the famous Grand Prix d'Horlogerie de Genève: in 2019, the prize for Best Ladies Complication went to the LM FlyingT, in 2016, LM Perpetual won the Grand Prix for Best Calendar Watch; in 2012, Legacy Machine No.1 was awarded both the Public Prize (voted for by horology fans) and the Best Men's Watch Prize (voted for by the professional jury). In 2010, MB&F won Best Concept and Design Watch for the HM4 Thunderbolt. In 2015 MB&F received a Red Dot: Best of the Best award – the top prize at the international Red Dot Awards – for the HM6 Space Pirate.

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THE MACHINE



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LM FlyingT LAQUE FACE LM FlyingT PAVE FACE LM FlyingT BAGUETTE FACE LM FlyingT WRISTSHOT LM FlyingT LIVE SHOT 1 LM FlyingT LIVE SHOT 2

MAXIMILIAN BÜSSER



MAXIMILIAN BÜSSER PORTRAIT
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FRIENDS



LM FlyingT PORTRAIT LM FlyingT LANDSCAPE

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