A CREATIVE ADULT IS A CHILD WHO SURVIVED
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THE STORY

After decades conforming to the rules of corporate watchmaking, Maximilian Büsser broke the chains and started a rebellion in 2005; a rebellion called MB&F – Maximilian Büsser & Friends.

MB&F is an artistic concept laboratory based around a simple idea: to assemble collectives of independent watchmaking professionals to develop radical horological masterpieces. By nurturing teams of talented individuals, harnessing their passion and creativity and crediting each person’s essential role, MB&F uses their synergy to become much greater than the sum of its parts. Respecting tradition, but never constrained by it, MB&F reinterprets traditional, high-quality watchmaking into three-dimensional kinetic sculptures.

Central to the creative process, MB&F believes that A creative adult is a child who survived – recognising the universal imagination of children, before they are formatted into their rational, reasonable adult lives. That powerful imagination is the creative spark which continues to trigger the emotionally-charged MB&F Machines today.
HOROLOGICAL MACHINES

These radical Horological Machines have a firm foundation in the very best of traditional watchmaking, but their designs are directly inspired by 20th-century references from our childhoods: science fiction, TV cartoons, aquatic creatures, airplanes, the first supercars...

MB&F takes those childhood dreams and transforms them into futuristic, fiercely unconventional timekeeping machines. Their sculptured, three-dimensional case and beautifully-finished engine have defined Machines that happen to tell the time... rather than Machines designed to tell the time.
In the late 1940s and 1950s, aerodynamic principles were just beginning to take root in automotive design. Curvilinear forms became more prominent, carrying the immediate promise of power and speed – but designers were guided more by their aesthetic sense than by any scientific precepts.

The result was some of the most beautiful man-made objects ever created, epitomised by automobiles like the Mercedes-Benz W196 and 1948 Buick Streamliner. Other industries followed, notably that of aviation, producing aircraft such as the sleek-bodied De Havilland Venom.

Inspired by the dynamic profiles of automotive and aviation mid-century design, the HM9 Flow treads the path first opened by the HM4 Thunderbolt and HM6 Space Pirate, utilising a geometrically complex combination of milled sapphire crystal and titanium case elements. But HM9 goes beyond its predecessors, redefining what was thought to be possible in case design.

Reminiscent of a jet engine, a highly complex titanium case encloses an equally complex manual winding movement, developed fully in house. Twin balance wheels beat independently on each flank of the Machine, while the central body reveals the gearbox of the HM9 engine: a planetary differential that averages the output of both balances to provide one stable reading of the time.

1. HM9 FLOW – AIR EDITION
Grade 5 titanium
NAC movement and dial with aviation markers
Limited edition of 33 pieces

2. HM9 FLOW – ROAD EDITION
Grade 5 titanium
Rose gold movement and speedometer-type dial
Limited edition of 33 pieces

MOVEMENT
Conceived and developed in-house by MB&F.
Two fully independent balance wheels with planetary differential.
Power reserve: 45 h.
Balance frequency: 18,000 bph / 2.5 Hz.
301 components and 44 jewels.

CASE
Launch editions in grade 5 titanium.
Five sapphire crystals treated with anti-reflective coating.
Size: 47 / 23 mm.

FUNCTIONS
Hours and minutes on vertical dial display.

STRAP & BUCKLE
Hand-stitched brown calf-leather strap with custom designed titanium folding buckle.
After pushing the boundaries of horological exploration by blasting into outer space (HM2, HM3, HM6), launching into the sky (HM4), and powering down the road and around the track (HM5, HMX, HM8), MB&F plunges into the water with Horological Machine №7, aka HM7 Aquapod.

The organic jellyfish-inspired design of HM7 Aquapod is counter-balanced by the very mechanical horology within: a central 60-second flying tourbillon tops the concentric vertical movement architecture, with indications radiating out from the centre like ripples in a pond. Like many jellyfish, HM7 glows in the dark: on the hour and minute numerals, around the inside of the movement and along the tentacle-like winding rotor.

The 303-component, 72-hour power reserve HM7 engine was developed in-house by MB&F. Spherically three-dimensional, all its mechanisms – from the winding rotor at the bottom, to the flying tourbillon on top – rotate concentrically around the centre. The curves of the high-domed sapphire crystal are mirrored in the shape of the time display rings.
MOVEMENT
3D vertical architecture, automatic winding, conceived and developed in-house by MB&F. Central flying 60-second tourbillon. 3D tentacle-like automatic winding rotor in titanium and platinum. Balance frequency: 18,000 bph / 2.5 Hz. 303 components and 35 jewels.

CASE
Grade 5 titanium or 18k 5N+ red gold. Top and bottom sapphire crystals treated with anti-reflective coating on both faces. Size: 53.8 / 21.3 mm.

FUNCTIONS
Hours and minutes displayed by two aluminium/titanium spherical segment discs rotating on oversized central ceramic bearings. Unidirectional rotating bezel for elapsed time. Numerals, markers and segments along the winding rotor in Super-LumiNova. 3 panels of AGT Ultra (Ambient Glow Technology) lume around the flying tourbillon. Two crowns: winding on left and time-setting on right.

STRAP & BUCKLE
Rubber bracelet moulded in aircraft-grade Fluorocarbon FKM 70 Shore A elastomer with folding buckle matching case material.

1. HM7 TI GREEN
Grade 5 titanium
Green sapphire bezel
Limited edition of 50 pieces

2. HM7 RG
18k 5N+ red gold
Ceramic bezel
Horological Machine Nº6 – aka ‘Space Pirate’ – was inspired by the spaceship from a Japanese TV anime series. But it also draws its curves from the round, organic shapes of the 1970s bio-morphism movement.

In each of the four corners of the case is a 360º sphere, capped top and bottom by transparent sapphire crystal domes – or for the HM6-SV, practically an entire case composed of sapphire crystal, displaying the movement within. Up forward, two spherical indications rotate vertically, displaying hours and minutes in large easy-to-read numerals. Back aft, twin spherical turbines automatically regulate the winding system, thanks to multiplying gearing to the winding rotor. 475 components make up the wildly complex movement.

The central dome houses a 60-second flying tourbillon, the precision regulator of HM6’s engine – and the cockpit of this horological spaceship. To protect that cockpit, HM6 features a retractable protective shield. When closed, the cover blocks harmful rays (especially UV light) from prematurely oxidising the engine’s lubrication oils.

The HM6 exoskeleton is available in stainless steel for the Final Edition, or for the “SV” version, sapphire crystal combined with 18k 5N+ red gold. The HM6 Final Edition closes a series started in 2014; with these final 8 pieces, the Horological Machine Nº6 series comes to a total of exactly 100 pieces.
MOVEMENT
3D movement developed exclusively for HM6 by MB&F with David Candaux Horlogerie Créative. Platinum 950 battle-axe automatic winding rotor and twin aluminium turbines driven by winding rotor. Power reserve: 72h. Flying tourbillon with retractable shield. Balance frequency: 18,000bph / 2.5 Hz. 475 components and 68 jewels.

CASE
HM6 SV RED: sapphire crystal / red gold. Sandwich construction of two sapphire crystal spherical plates on either side of the central precious metal case band, combined with 9 domes. HM6 Final Edition: Stainless steel, 10 sapphire crystals: 9 domed (4 for the hour and minute indications, 4 for the turbines, 1 for the tourbillon) and one flat (display back). Sizes: SV edition: 50 / 51 / 22.7 mm; Final Edition: 49 / 52.3 / 20.4 mm.

FUNCTIONS
Hours and minutes on separate semi-spherical aluminium indications. Crown to open / close tourbillon shield.

STRAP & BUCKLE
SV and Final Edition: dark brown or dark blue hand-stitched alligator strap with titanium or gold folding buckle.

1. HM6 Final Edition
Stainless steel
Limited edition of 8 pieces

2. HM6-SV RED
Sapphire crystal and 18k SN+ red gold
Limited edition of 10 pieces
Over the last decade, two indelible forms have dominated the main characteristics of an MB&F Horological Machine: the distinctive angular form and optical prism manifested in HM5 and HMX; and the signature battle-axe winding rotor, which took centre stage on top of HM3, MB&F’s most popular model to date. Horological Machine Nº 8 takes those two idiosyncratic features and infuses them with high-octane Can-Am race car-inspired design.

HM8 features a curvaceous yet angular case with dual optical prisms vertically displaying bi-directional jumping hours and trailing minutes, while the distinctive battle-axe winding rotor is visible on top. But the real star of HM8 is its Can-Am inspired chrome “roll bars” majestically sweeping from the top of the Machine down to the tapered back. Those roll bars are milled from solid blocks of grade 5 titanium and then meticulously hand-polished to gleam like tubular mirrors.

HM8’s Engine sits in full view under a nearly invisible sapphire crystal engine cover. The open centre of the blued-gold battle-axe rotor enables appreciation of the circular wave finish on the movement, while the hour and minute indication discs are visible in the corners. The generous use of sapphire crystal allows unfettered visual access to the movement while its transparency backlights the time displays, making them more legible by day. Light also charges the Super-LumiNova numerals on the hour and minute discs for maximum legibility by night.
MOVEMENT
3D movement conceived and developed by MB&F from a Girard-Perregaux base calibre. Self-winding mechanical movement with 22k gold “battle-axe” rotor. Balance frequency: 28,800bph / 4 Hz. 247 components and 30 jewels.

CASE
Launch editions in 18k white gold/titanium and 18k 5N+ red gold/titanium. Size: 49/51.5/19 mm.

FUNCTIONS
Minutes and bi-directional jumping hours displayed by two optical prisms that both reflect and magnify.

STRAP & BUCKLE
Blue or dark brown hand-stitched alligator strap with gold folding buckle matching case material.

1. HM8 CAN-AM RT
   18k 5N+ red gold and titanium

2. HM8 CAN-AM WT
   18k white gold and titanium
The unmistakable wedge-shaped case of HM5 ‘On the Road Again’ is a direct homage to the plucky Amida Digitrend watch from the 1970s; however, it also has unmistakable references to the first super-cars of that era. One of the striking features of those cars were the louvres over the back window. HM5 takes those 1970s icons and puts them ‘On the Road Again’.

At first glance HM5 appears to be a relatively simple timepiece, but it’s much more complicated.

The time display consists of bi-directional jumping hours and minutes with indications inversed, reflected 90º and then magnified 20%. Looking below the surface of the HM5 case reveals a surprise: another case, which protects the high-performance engine from moisture as well as shocks.

Turning HM5 over reveals the engine through a sapphire crystal display back with its 22k gold “battle-axe” winding rotor, fast oscillating balance and hand-finished bridges.
MOVEMENT
3D movement designed by Jean-François Mojon and Vincent Boucard/Chronode on a Girard-Perregaux base. Self-winding mechanical movement with 22k gold battle-axe shaped “mystery” rotor.
Balance frequency: 28,800 bph / 4 Hz. 224 components and 30 jewels.

CASE
HMS CarbonMacrolon: CarbonMacrolon with water-resistant stainless steel inner container. HMS RT: 18k red gold and titanium with water-resistant titanium inner container.
Size: 51.5 / 49 / 22.5 mm.

FUNCTIONS
Minutes and bi-directional jumping hours displayed by reflective sapphire crystal prism.

STRAP & BUCKLE
Sculptured rubber strap with titanium tang buckle.

1. HMS RT
   Red gold and titanium
   Limited edition of 66 pieces

2. HMS CARBONMACROLON
   CarbonMacrolon
   Limited edition of 66 pieces
LEGACY MACHINES

Until 2011, MB&F’s futuristic Machines might accurately have been described as wild, extreme, or even outrageous. Words like “traditional”, “classical” and “round” did not appear in the MB&F lexicon. However, that all changed with Legacy Machine N°1.

Legacy Machines are reinterpretations of significant horological inventions by the greatest watchmakers in history, answering the question: what type of Machines would MB&F have imagined 100 years ago? In the early 1900s the first wristwatches appear... but there are no Grendizers, Star Wars or supersonic jets for inspiration. There are however pocket watches, a new generation of architectural edifices like the first skyscrapers or the Eiffel Tower, and authors like Jules Verne...
Legacy Machine FlyingT is the very first of MB&F’s three-dimensional horological art pieces dedicated to women.

A round case in white gold, with a steeply cambered bezel and slender, elongated lugs, is fully set with diamonds. A high, extravagantly convex dome of sapphire crystal rises from the bezel. Beneath the dome, a subtly curved dial plate, liquidly black with layers of stretched lacquer or glittering with blazing white diamonds.

An asymmetric ventricular opening in the dial plate frames the heart of the LM FlyingT engine: a cinematic flying tourbillon projected high above the rest of the engine. Affixed to the top of the upper tourbillon cage is a single diamond that rotates simultaneously with the flying tourbillon, emitting the fiery brilliance of the very best quality stones. At the 7 o’clock position is a white or black lacquer dial that displays the hours and minutes with a pair of elegant 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 LM FlyingT.

On the reverse, the automatic winding rotor takes the shape of a three-dimensional red gold sun with sculpted rays.
1. LM FLYING T PAVÉE
18k white gold, full diamonds.
558 stones (390 on the dial, 120 on the case, 21 on the buckle, 1 on top of the tourbillon cage and 26 for the crowns). About 3.4 ct.

2. LM FLYING T BAGUETTE
18k white gold, baguette-cut diamonds and stones.
294-baguette diamonds and 3 stones (134-baguette diamonds on the dial, 124-baguette diamonds on the case, 12-baguette diamonds on the buckle, 24-baguette diamonds and 2 stones for the crowns, 1 stone on top of the tourbillon cage). About 8.2 ct.

3. LM FLYING T BLACK LACQUER
18k white gold, black lacquer dial and diamonds.
168 stones (120 on the case, 21 on the buckle, 1 on top of the tourbillon cage and 26 for the crowns). About 1.7 ct.

MOVEMENT
3D vertical architecture, automatic winding, conceived and developed in-house by MB&F.
Central flying 60-second tourbillon.
Three-dimensional sun winding rotor in 18k 5N+ red gold, titanium and platinum.
Power reserve: 100h.
Balance frequency: 18,000 bph / 2.5 Hz.
280 components and 30 jewels.

CASE
Material: launch editions in 18k white gold and diamonds.
High domed sapphire crystal on top with anti-reflective coating on both sides, sapphire crystal on back.
Size: 38.5 / 20 mm.

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

STRAP & BUCKLE
Black or white strap with 18k white gold pin buckle.
There is one technical constant that has defined every watch in the Legacy Machine collection: functions and complications vary, but the flying balance wheel remains literally and metaphorically above everything else. With the LM Split Escapement, this feature is not just highlighted, but raised to another level.

Just below the domed sapphire crystal beats the balance wheel, but unlike most of the other Legacy Machines the balance of the LM SE seems to oscillate without any visible intake of energy. The essential remaining parts of the escapement are concealed on the opposite side of the movement, hence the name ‘Split Escapement’.

Under the balance, the triple-dial design gives the time at 12 o’clock, the power reserve at 4 o’clock and the date at 8 o’clock – with a user-friendly and fool proof date adjustment button.

LM Split Escapement also features a micro-textured “frosted” finish that is so closely associated with antique pocket watches. LM SE is a celebration of this technique, executed completely by hand in different shades.
MOVEMENT
3D movement developed for MB&F by Stephen McDonnell. Split escapement: 14 mm balance wheel with traditional regulating screws suspended above the dial, anchor and escape wheel under the movement.
Manual winding with double mainspring barrels. Superlative hand finishing throughout respecting 19th-century style; bevelled internal angles highlighting handcraft; polished bevels; Geneva waves; hand-made frost and engravings.
Power reserve: 72h.
Balance frequency: 18,000bph / 2.5 Hz.
314 components and 35 jewels.

CASE
Launch editions in 18k white gold. High domed sapphire crystal on top and sapphire crystal on back with anti-reflective coating on both sides. Size: 44/17.5 mm.

FUNCTIONS
Hours, minutes, date and power-reserve indicators. Push-button next to the date dial for quick adjustment of the date.

STRAP & BUCKLE
Black or brown hand-stitched alligator strap with white gold folding buckle.

1. LM SPLIT ESCAPEMENT RED
18k white gold with red gold frosted dial
Limited edition of 18 pieces

2. LM SPLIT ESCAPEMENT BLUE
18k white gold with blue frosted dial
Limited edition of 18 pieces

3. LM SPLIT ESCAPEMENT GREY
18k white gold with ruthenium frosted dial
Limited edition of 18 pieces

4. LM SPLIT ESCAPEMENT YELLOW
18k white gold with yellow gold frosted dial
Limited edition of 18 pieces
With Legacy Machine Perpetual, MB&F and independent watchmaker Stephen McDonnell have reinvented one of the most complex traditional watchmaking complications: the perpetual calendar.

LM Perpetual’s 581-component movement is based on a revolutionary new system to calculate the number of days every month. Conventional perpetual calendars use a 31-day month as the default and “delete” dates for the shorter months, by fast-forwarding through the redundant dates during changeover. This can create problems like the skipping of dates or an inaccurate date display – and also results in movements which are easy to damage when manipulated.

LM Perpetual breaks watchmaking conventions by using a mechanical processor instead of the usual “grand levier” (big lever) system. The mechanical processor uses a default 28-day month and adds extra days as required; each month always has the exact number of days needed and there is no fast-forwarding through redundant days. The result is a fool-proof system that auto-protects itself from incorrect manipulation.

LM Perpetual reinvents the complication further by adopting an entirely new movement architecture. Traditional calendars are composed of three distinct layers: a base movement, a perpetual calendar module, and the display. LM Perpetual fuses all three of these dimensions into a single system: the display is in fact an integral part of the mechanism – conveying a sense of depth and 3-dimensionality rarely seen before.
MOVEMENT
3D movement developed for MB&F by Stephen McDonnell: integrated perpetual calendar featuring dial side complication and mechanical processor system with built-in safety mechanism.
Manual winding movement with double mainspring barrels.
Bespoke 14 mm flying balance wheel with traditional regulating screws visible on top of movement.
Superlative hand finishing throughout respecting 19th-century style; internal bevelled angles highlighting hand craft; polished bevels; Geneva waves; hand-made engravings.
Power reserve: 72 h.
Balance frequency: 18,000 bph / 2.5 Hz.
581 components and 41 jewels.

CASE
18k white gold or grade 5 titanium.
High domed sapphire crystal on top with anti-reflective coating on both sides, sapphire crystal on back.
Size: 44 / 17.5 mm.

FUNCTIONS
Hour, minutes, day, date, month, retrograde leap year indicator and power reserve.

STRAP & BUCKLE
Black or grey hand-stitched alligator strap with gold folding buckle to match case.

1. LM PERPETUAL WHITE GOLD
18k white gold
2. LM PERPETUAL TITANIUM
Grade 5 titanium
Limited edition of 50 pieces
Legacy Machines celebrate complications from past masters, and complications don’t come much more intriguing than connecting two regulators with a differential to drive one time indication. Nor do past masters come more “masterful” than Abraham-Louis Breguet (1747 - 1823), Ferdinand Berthoud (1727-1807) and Antide Janvier (1751-1835), three men united by their inventive genius and their experimentations with dual regulators.

Two and a half centuries after three of the world’s greatest watchmakers put two balance wheels into their movements, MB&F celebrates their pioneering works with Legacy Machine N°2. Suspended high above the dial, the double “flying” balances of LM2 are in fact the most visible parts of two fully independent regulating systems, each beating at its own rate. The rates are averaged out by the raised planetary differential, which drives the blued gold hour and minute hands of the white stretched-lacquer sub dial. To make things just a bit more complicated, the two flying balances and their escapements are identical mirror images, right down to the position of the stud holders pinning their balance springs.
MOVEMENT
3D movement developed exclusively for MB&F by Jean-François Mojon/Chronode, and Kari Voutilainen.
Two bespoke 11 mm balance wheels with four traditional regulating screws floating above the movement and dials.
Superlative fine finishing; internal bevelled angles highlighting hand finishing; polished bevels; Geneva waves; hand-made engravings on bridge visible through display back.
Power reserve: 45h.
Balance frequency: 18,000 bph / 2.5 Hz.
241 components and 44 jewels.

CASE
18k white gold or Ti-6Al-4V (grade 5) titanium.
High domed sapphire crystal on top and sapphire crystal on back with anti-reflective coating on both sides.
Sizes: white gold edition: 44/20 mm; titanium edition: 44/19 mm.

FUNCTIONS
Hours and minutes, planetary differential transmits the average rate of the two regulators to the single gear train.
Crown at 2 o’clock for setting time.

STRAP & BUCKLE
Black hand-stitched alligator strap with 18k gold or titanium tang buckle to match the case.
The main features of Legacy Machine N°1 are the large 14 mm “flying” balance wheel, its one-of-a-kind vertical power reserve indicator and the completely independent dual time zones. Combined with the fine-finished movement and round case – MB&F’s first! – LM1 is a sublimation of classical excellence and traditional watchmaking, but remains an authentic three-dimensional MB&F Machine.

LM1’s movement bears testimony to the talent of its creators: Jean-François Mojon (Best Watchmaker Prize at the 2010 Grand Prix d’Horlogerie de Genève) who met the challenge of developing the movement, while acclaimed independent watchmaker Kari Voutilainen took responsibility for the aesthetic design and ensuring the utmost respect for tradition and finish. Geneva waves, highly polished gold chatons and bridges with impeccably executed bevels following deliberate internal angles (which cannot be finished by machine), showcase the absolutely peerless fine-finishing.
MOVEMENT
3D movement developed 100% for MB&F, created by Jean-François Mojon/Chronode and Kari Voutilainen. Manual winding movement with single mainspring barrel. Bespoke 14 mm balance wheel with traditional regulating screws visible on top of movement. Superlative fine finishing; internal bevelled angles highlighting hand finishing, polished bevels; Geneva waves; hand-made engravings on bridge visible through display back. Power reserve: 45 h. Balance frequency: 18,000bph/2.5 Hz. 279 components and 23 jewels.

CASE
18k white or red gold, stainless steel. High domed sapphire crystal on top with anti-reflective coating on both sides, sapphire crystal on back. Size: 44/16 mm.

FUNCTIONS
Hours and minutes, completely independent dual time zones displayed on two dials, unique vertical power reserve. Left crown at 8 o’clock for setting time of left dial, right crown at 4 o’clock for setting time of right dial and winding.

STRAP & BUCKLE
Black or brown hand-stitched alligator strap with gold or titanium tang buckle to match case.

1. LM1 RG
   18k red gold

2. LM1 WG
   18k white gold

3. LM1 FINAL EDITION
   Stainless steel
   Final edition of 18 pieces
Legacy Machine 101 embodies and accentuates the very essence of what is essential in a wristwatch: the balance wheel, which is responsible for regulating precision; how much power remains in the mainspring, which indicates when it needs to be next wound; and of course, the time. LM101 has one more very special feature, one that cannot be seen: it houses the very first movement developed entirely in-house by MB&F.

Like its big brother Legacy Machine Nº 1, LM101 is dominated by the suspended “flying” balance wheel. Two pristine-white subdials: at the top right, hours and minutes are displayed by blued-gold hands, while the 45-hour power reserve indicator is displayed in a smaller, but similar subdial below. In an apparent feat of magic, the domed sapphire crystal protecting the dial appears to be invisible.

Turning over Legacy Machine 101, the display back crystal reveals the exquisitely hand-finished movement. Curved plates and bridges designed by award-winning independent watchmaker Kari Voutilainen pay homage to the style found in high quality historic pocket watches.
MOVEMENT
3D movement developed in-house by MB&F, aesthetics and finish specifications by Kari Voutilainen. Manual winding movement with single mainspring barrel. Bespoke 14 mm balance wheel with traditional regulating screws visible on top of movement. Superlative fine finishing; internal bevelled angles highlighting hand finishing, polished bevels, Geneva waves; hand-made engravings on bridge visible through display back. Frosted mainplate for the LM101 Frost editions. Power reserve: 45 h. Balance frequency: 18,000 bph / 2.5 Hz. 229 components and 23 jewels.

CASE
18k white or red gold, or platinum 950; and ‘Frost’ limited edition in 18k red gold. High domed sapphire crystal on top with anti-reflective coating on both sides, sapphire crystal on back. Size: 40/16 mm.

FUNCTIONS
Hours and minutes and power reserve indicator.

STRAP & BUCKLE
Black or brown hand-stitched alligator strap with gold tang buckle to match case.

1. LM101 PT
Platinum 950
Limited edition of 33 pieces
2. LM101 RG
18k red gold
3. LM101 WG
18k white gold
4. LM101 FROST RG
18k red gold
Limited edition of 33 pieces
PERFORMANCE ART

MB&F Performance Art Pieces are limited editions developed in collaboration with artists, watchmakers, designers we admire – these artists reinterpret our MB&F pieces. Previous creations have included a glistening variation of HM3 with Parisian jeweller Boucheron, a brilliant variation of the HMX with designer Black Badger, an unexpected LM1 reinterpreted by designer Alain Silberstein, unique pieces co-created with artists for charity...
MoonMachine 2 is the second collaboration between MB&F and Stepan Sarpaneva: a horological creation that occupies the same elusive space as moonlight, somewhere between illusion and reality. MoonMachine 2 brings us the world's first projected moonphase display.

MoonMachine 2 comes housed in the case of Horological Machine №8. The stripped-down case construction of HM8 emphasised the illusory nature of the projected hours and minutes, and MoonMachine 2 uses the same mechanism to highlight the visual impact of a moon disc.

The projection is accomplished via an optical prism, which refracts vertically the hours, minutes and moon discs. A pusher on the side allows quick and easy adjustment of the moonphase display.

The battleaxe rotor of HM8 has been transformed into an openworked radial web of titanium with Sarpaneva's signature golden moon, and the sapphire crystal pane has been metallised in a similar pattern.
**MOVEMENT**

3D movement conceived and developed by MB&F from a Girard-Perregaux base calibre. Automatic winding rotor in PVD-coated titanium with Sarpaneva gold moon.

Power reserve: 42h.
Balance frequency: 28,800bph/4Hz.
293 components and 30 jewels.

**CASE**

Natural titanium case, white gold moon faces, light blue sky and rotor.
Black titanium and titanium case, white gold moon faces, dark blue sky and rotor.
Red gold and titanium case, red gold moon faces, anthracite sky and rotor.

Size: 49/51.5/19.5 mm.

**FUNCTIONS**

Minutes, bi-directional jumping hours and moon phase displayed by an optical prism that reflects vertically. The hour and minute segments are magnified by 20%. The dual moons rotate under a Korona ring and are corrected by a pusher.

**STRAP & BUCKLE**

Titanium version: light blue hand-stitched black alligator strap with titanium folding buckle.
Black titanium version: dark blue hand-stitched black alligator strap with titanium folding buckle.
Red gold version: grey hand-stitched black alligator strap with red gold and titanium folding buckle.

1. **MOONMACHINE 2 TI**
   Natural titanium case, white gold moon faces and light blue sky
   Limited edition of 12 pieces

2. **MOONMACHINE 2 RG**
   Red gold and titanium case, red gold moon faces and anthracite sky
   Limited edition of 12 pieces

3. **MOONMACHINE 2 BLACK TI**
   Black titanium case, white gold moon faces and dark blue sky
   Limited edition of 12 pieces
CO-CREATIONS

MB&F co-creations are pieces conceived and designed by MB&F, but engineered and crafted by unique Swiss Manufactures. Previous creations have included the 'MusicMachine' series, created with music box manufacturer Reuge, or unusual clocks conceived with L'Épée 1839, the only specialised manufacture in Switzerland dedicated to making high-end clocks.

These creative collaborations generate powerful pieces merging different worlds.
In its tenth collaboration with Switzerland’s premier clockmaker, L’Epée 1839, MB&F plunges into warm ocean waters where the beautiful and ancient jellyfish proliferate. Medusa is a dual-configuration clock, housed in hand-blown Murano glass, that can be ceiling mounted or stood upon a desk. In the form of one of the most compelling yet mysterious creatures of the sea, Medusa blends artisanal skill with Swiss horological precision.

The central mass of Medusa is formed by a large transparent dome of hand-blown Murano glass that evokes the bell-shaped body of a mature jellyfish. Two rotating rings, one displaying the hours and the other displaying the minutes, are visible through the dome, and the time is read off a single fixed indicator that extends over the rings. Like a jellyfish glowing in the abyss, Medusa glows in the dark thanks to Super-LumiNova. A movement beats underneath the time indication, forming the pulsating heart of this mechanical creature.
DISPLAY
Hours and minutes.

MOVEMENT
L’Epée suspended movement, designed and manufactured in-house. Incabloc shock protection system. Power reserve: 7 days. Balance frequency: 18,000 bph / 2.5 Hz. 155 components and 23 jewels. Integrated winding key to both set the time and wind the movement (propeller at the bottom of the movement).

BODY / FRAME

DIMENSIONS AND WEIGHT
Hanging position: 286 mm tall x 250 mm diameter. Standing position: 323 mm tall x 250 mm diameter. Weight: approximately 6 kg (the exact weight of the hand-blown glass dome varies).

1. MEDUSA PINK
Hand-blown glass, stainless steel and brass
Limited edition of 50 pieces

2. MEDUSA BLUE
Hand-blown glass, stainless steel and brass
Limited edition of 50 pieces

3. MEDUSA GREEN
Hand-blown glass, stainless steel and brass
Limited edition of 50 pieces
Co-created by MB&F and L’Epée 1839, Grant is a robot with a time display on his shield – and a mission to slow things down, when time runs too fast.

While Grant’s time moves relatively slowly, he can travel quickly over rough terrain (or the messiest desk) on his three operational rubber tracks. Grant can also transform into one of three different modes: lying horizontally over his chassis for a low profile; crouching at 45 degrees; and sitting up 90 degrees. Grant’s time shield can always be set to a comfortable and optimal viewing angle.

Whatever the angle, Grant’s highly polished clockwork is on full display, and you can follow every click and turn of the gears. The mainspring barrel click near his ‘belly button’ is particularly mesmerizing in operation. The isochronal oscillations of the regulator keeping time in Grant’s glass-domed ‘brain’ are evidence of the clockwork’s high precision.

Grant’s 8-day, in-line manufacture movement features the same superlative fine finishing as found on the finest wristwatches: Geneva waves, anglage, polishing, sandblasting, plus circular and vertical satin finishing.
DISPLAYS
Hours and minutes displayed on Grant’s shield.

MOVEMENT
L’Epée in-line eight-day movement, designed and manufactured in house.
Incablock shock protection system.
Movement finishing: Geneva waves, anglage, polishing, sandblasting, circular and vertical graining, satin finishing.
Power reserve: 8 days.
Balance frequency: 18,000 bph / 2.5 Hz.
268 components and 11 jewels.
Manual-winding with a double-depth square socket key.

BODY/FRAME
Transformer body with three operational tracks and three positions of clock/body.
Dome/head: mineral glass.

DIMENSIONS AND WEIGHT
Truck: 115 mm (tall) x 212 mm (wide) x 231 mm (long).
Robot: 166 mm (tall) x 212 mm (wide) x 238 mm (deep).
Weight: 2.34 kg.

1. GRANT NICKEL
Stainless steel, nickel-plated brass and palladium-plated brass
Limited edition of 50 pieces

2. GRANT BLUE
Stainless steel, nickel-plated brass and palladium-plated brass
Limited edition of 50 pieces

3. GRANT BLACK
Stainless steel, nickel-plated brass and palladium-plated brass
Limited edition of 50 pieces
The Fifth Element is an intergalactic horological weather station enabling accurate weather forecasting even when the power goes down. Four (UFO) elements: clock, barometer, hygrometer, and thermometer combine in a mother ship (with Ross, the alien pilot) to create an entity much larger than the sum of its parts: The Fifth Element.

An analogue weather station might at first glance appear anachronistic; however, when the storm hits and the power goes down, the Fifth Element will still work perfectly. And, in the worst-case scenario, you can hitch a ride off planet Earth with Ross.

While the Fifth Element attends to the serious side of weather forecasting with joyful fantasy, this space-age weather station was only made possible thanks to L’Epée 1839, which mastered the precision manufacturing of the intricate series of curves and circles within circles that make up the large structure. Over 500 individual components form the mother ship and its interchangeable Elements; more than many Grand Complications!
INDICATIONS / FUNCTIONS
Clock (hours and minutes), barometer (air pressure), thermometer (air temperature), hygrometer (air humidity).
531 components.

UFO CLOCK MOVEMENT
L'Epée in-house designed and manufactured, vertical architecture eight-day movement.
Incabloc shock protection system.
Power reserve: 8 days from single barrel.
Balance frequency: 18,000 bph / 2.5 Hz.
161 components and 11 jewels.

UFO BAROMETER
Atmospheric pressure from 960 to 1060 hPa (28.4 / 31.6 in Hg).
73 components.
Calibration screw-in base.

UFO THERMOMETER
Temperature from -30° to +70° Celsius (-20° / +156° Fahrenheit).
46 Components.

UFO HYGROMETER
Hygrometer from 0 to 100% humidity.
46 components.

DIMENSIONS AND WEIGHT
Dimensions: 376 mm (diameter) x 209 mm (tall).
Weight: 15 kg.

1. THE FIFTH ELEMENT BLUE
Stainless steel, brass, glass and bronze (alien)
Limited edition of 18 pieces

2. THE FIFTH ELEMENT SILVER
Stainless steel, brass, glass and bronze (alien)
Limited edition of 18 pieces

3. THE FIFTH ELEMENT BLACK
Stainless steel, brass, glass and bronze (alien)
Limited edition of 18 pieces
Octopod continues MB&F's exploration of aquatic themes with an eight-leg, eight-day clock inspired by cephalopods, marine chronometers and The Abyss—blending contemporary design with kinetic sculpture and a glass bubble filled with precision horology.

Conceived by MB&F and built by L’Epee 1839, Octopod stands or crouches thanks to its eight articulated legs. Each leg can be individually adjusted to varying heights.

Octopod’s transparent sphere is inspired by traditional gimbaled ship chronometers. In Octopod’s case, the gimbal ensures that no matter what angle or height it sits, it is easy to rotate the glass bubble so that the time display inside is at the ideal plane for maximum legibility.

Octopod’s pulsating escapement is located on its minute hand rather than the more usual position attached to stationary movement plates—and Octopod’s entire clockwork is suspended inside its crystalline sphere, so that it appears to be floating in space (or water). The baseplate of the movement is a transparent glass plate virtually invisible; like an octopus concealing parts of itself with camouflage, Octopod conceals parts of itself with visual tricks of its own.
1. OCTOPOD BLACK
Palladium-plated brass, stainless steel and nickel-plated brass with black legs
Limited edition of 50 pieces

2. OCTOPOD SILVER
Palladium-plated brass, stainless steel and nickel-plated brass with silver legs
Limited edition of 50 pieces

3. OCTOPOD BLUE
Palladium-plated brass, stainless steel and nickel-plated brass with blue legs
Limited edition of 50 pieces
Conceived by MB&F and built by L’Epee 1839, Destination Moon is the quintessential torpedo-shaped rocket of childhood dreams.

Developed specifically for Destination Moon, the architecture of L’Epee 1839’s eight-day movement follows the basic engineering of a real spaceship. Power in a rocket comes from its base and the power for Destination Moon comes from the oversized winding crown in its base. The control systems of a rocket are above the power source and the same holds true for Destination Moon, which has a vertical regulator underneath the time display discs controlling precision as well as a time-setting knob at the top of the movement. That regulator with its animated balance is protected from both cosmic radiation and curious fingers by a small panel of virtually invisible mineral glass. Hours and minutes are displayed by large white numerals on stainless steel disks.

In a further tip of the hat to childhood fantasies, the horizontal circular plates in Destination Moon’s movement are perforated like Meccano components, augmenting the technical nature of the streamlined spacecraft.

And there’s Neil. MB&F creates mechanical objects conveying a sense of joy and Neil is a smile inducing, space-suited figurine forged in solid silver and stainless steel, magnetically attached to the ladder connecting the power-thrusting crown to the movement. Neil imparts a childlike sense of wonder by putting man into the machine.
ROCKET
Frame: satin-finished stainless steel.
Landing pods: brass.

DISPLAYS
Hour and minute indications on rotating discs.

MOVEMENT
L’Epée in-house designed and manufactured, multi-stage vertical architecture eight-day movement.
Power reserve: 8 days from single barrel.
Balance frequency: 18,000 bph / 2.5 Hz.
164 components and 17 jewels.
Incabloc shock protection system protected by mineral glass.
Movement finishing: polishing, bead-blasting and satin finishing.
Winding: manual winding by rotating the propulsion wheel at the base of the rocket.
Setting: time-setting knob at the top of the movement above the indication rings.

DIMENSIONS AND WEIGHT
Dimensions: 414 mm (tall) x 233 mm (diameter).
Weight: 4.0 kg.

NEIL (ASTRONAUT FIGURINE)
Solid polished silver with stainless steel helmet; attaches magnetically to ladder.

1. DESTINATION MOON BLACK
Palladium-plated brass and stainless steel with black landing pods
Limited edition of 50 pieces

2. DESTINATION MOON SILVER
Palladium-plated brass and stainless steel with silver landing pods
Limited edition of 50 pieces

3. DESTINATION MOON GREEN
Palladium-plated brass and stainless steel with green landing pods
Limited edition of 50 pieces
Weighing in at over 8 kilograms and standing nearly 40 centimetres tall, Balthazar is a sophisticated and imposing high-precision robot clock composed of 618 beautifully finished, micro-engineered components. But beware... Balthazar hides two sides as there are in all of us. To quote Darth Vader in Star Wars, “If you only knew the power of the dark side.”

Light side: boasting a month-busting 35 days of power reserve, Balthazar’s clockwork displays “slow” jumping hours and trailing minutes via two discs on the chest, while the power reserve indicator is located on his belly. His red eyes, which continually scan the surroundings, are actually 20-second retrograde displays.

Dark side: rotate his torso 180 degrees and the absolute nature of Balthazar’s darkness is revealed by the cold hard skull with menacing teeth and deep-set ruby-red eyes. But it’s not all threat here as Balthazar’s chest also contains a dual hemisphere moon phase.

Moving higher still to Balthazar’s “brain” under the polished glass dome, we find the precision regulator of the clockwork.

Finally Balthazar does more than display horological events as well as rotating around the hips, his arms articulate at both the shoulders and the elbows, and his hands can clasp and hold objects.
DISPLAYS
Slow jumping hours and sweeping minutes: twin discs on the chest display hours and minutes. Retrograde second display in eyes: red “pupils” in each eye scan over 20-second intervals and indicate seconds. Power reserve indicator: dial on the belly providing intuitive view of remaining energy. Dual hemisphere moon phase indicator on the dark side chest.

MOVEMENT

DIMENSIONS AND WEIGHT
Dimensions: 394 tall x 238.2 wide (depending on position of the arms) x 124 mm (boot size). Weight: 8.2 kg.

HIPS
Rotate on precision ball bearings with spring click to indicate and hold at resting positions. Balthazar’s centre of gravity is low around the hips to minimise any risk of being knocked over.

SHOULDERS / ARMS
Pivot at arms/shoulders, rotation at the elbows, pivot lower arms with spring locking system. On each hand, two fingers cross into the other three so that the hands can clasp.

1. BALTHAZAR SILVER
Palladium-plated brass, stainless steel, bronze and glass
Silver breast and shoulder pads
Limited edition of 50 pieces

2. BALTHAZAR BLUE
Palladium-plated brass, stainless steel, bronze and glass
Blue breast and shoulder pads
Limited edition of 50 pieces

3. BALTHAZAR BLACK
Palladium-plated brass, stainless steel, bronze and glass
Black breast and shoulder pads
Limited edition of 50 pieces

4. BALTHAZAR GREEN
Palladium-plated brass, stainless steel, bronze and glass
Green breast and shoulder pads
Limited edition of 50 pieces
ARACHNOPHOBIA

Designed by MB&F, Arachnophobia is as extreme as they come... but the eye-catching three-dimensional sculpture is also an impeccably finished clock engineered and manufactured by L’Epée 1839.

The spider’s body is outfitted with a black dome with white numerals depicting the hours and minutes. The head houses the regulator with its oscillating balance wheel (and a set of jaws in case it gets peckish at night), while the other end contains the mainspring barrel, which powers the movement.

The eight legs are connected to the clock “body” by ball-and-socket joints. By rotating them the legs can be made to go flat, turning them around again allows them to stand up high. The front legs can also be made to go flat while the six others maintain the standing position (warning: this position looks a little menacing). And like any spider, the clock can also be installed on the wall thanks to an ingenious mounting system.
DISPLAY
Hours and minutes: curved hands rotate to indicate hours and minutes on a polished, central dome featuring MB&F's signature numerals.

MOVEMENT
L'Epée in-house designed and manufactured movement.
Incabloc shock protection system.
Mechanism in palladium-plated brass or gold-plated brass.
Winding: key winding and time setting on underside of clock.
Movement finishing: includes Côtes de Genève, anglage, polishing, sand-blasting, circular and vertical satin finishing.
Power reserve of 8 days.
Balance frequency: 18,000 bph / 2.5 Hz.
218 components and 11 jewels.

DIMENSIONS AND WEIGHT
Height (legs extended): 203 mm.
Clock diameter (legs flat): 405 mm.
Movement dimensions: 75.3 x 134.9 x 63.8 mm.
Weight: gold-plated version 1.96 kg; black version 0.98 kg.

1. ARACHNOPHOBIA BLACK
Palladium-plated brass
Limited edition

2. ARACHNOPHOBIA GOLD
18k yellow gold plated brass
Limited edition
THE FRIENDS

The Swiss watch industry has an understandable, but totally unfair, culture of brands externally sourcing expertise while claiming to have produced everything ‘in-house’. So when Maximilian Büsser, then CEO of Harry Winston Timepieces, launched the Opus series prominently promoting the independent watchmaker responsible for each Opus, it upset the status quo. It also taught Büsser the enormous power and personal satisfaction generated by crediting talented individuals for their work. When he created MB&F – Maximilian Büsser & Friends – recognising the individuals involved in each project was not just a key element, it was essential and completely integral to everything the brand does.

MB&F is probably the only high-end watch brand, if not the only luxury brand, which is so openly transparent regarding their partners and collaborators. Each horological adventure – and each is indeed an adventure! – is a close collaboration with a team of highly talented professionals – Friends – with the specific skills needed for each project. The Friends’ skills include product design, case and movement manufacture, finishing, logistics, photography and communication, to name but a few.

What’s the purpose of an adventure, if you can’t share it with friends?