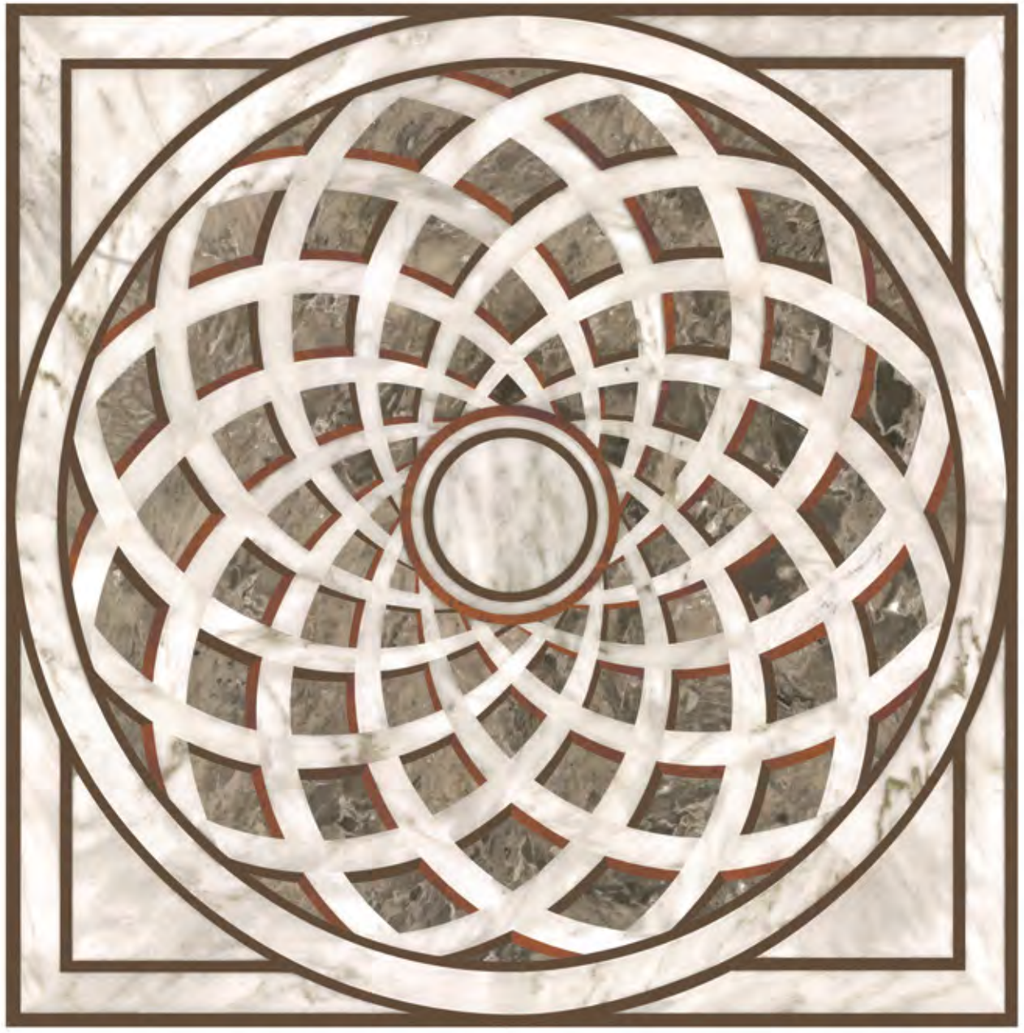
CRAFTSMANSHIP MADE
IN SCHAFFHAUSEN

COLLECTION 2017/2018

IWC
SCHAFFHAUSEN

CONTENTS



— EDITORIAL —

TIMELESS, SUSTAINABLE ELEGANCE

After the tonneau-shaped cases of the 2007 Da Vinci collection, 2017 sees IWC Schaffhausen reverting to the elegant, circular cases introduced with the legendary Da Vinci Perpetual Calendar in 1985. The Da Vinci Automatic 36 and the Da Vinci Automatic Moon Phase 36 also revive the tradition of making selected models from the Da Vinci line particularly attractive for women.

With its 40-millimetre diameter, the Da Vinci Automatic was conceived as a classic watch with three hands for individuals who prefer style and simplicity. The Da Vinci Perpetual Calendar Chronograph has one special surprise for watch connoisseurs: it is the first of our models to combine the well-known mechanical chronograph with a perpetual moon phase display on a subdial at “12 o’clock”. To achieve this, our design engineers had to create the in-house 89630 calibre, which also drives the perpetual calendar’s remaining functions. The Da Vinci Tourbillon Rétrograde Chronograph in 18-carat red gold likewise features an unusual combination on its dial: a classic tourbillon, a retrograde date display and a sporty chronograph. The newly developed in-house 89900 calibre now makes it possible for the tourbillon in an IWC watch to be set with down-to-the-second precision. Newly designed moving lugs with curved horns ensure that the integrated straps and bracelets fit perfectly round the wrist.

But our focus is not merely on the watch. At IWC, we are acutely aware of the fact that our long-term success also depends on the care and respect that we show towards our two most important resources – human beings and nature. As part of a comprehensive sustainability programme that now extends to all areas of our business and beyond, we use paper exclusively from sustainable forests. It is also the reason why this year’s printed Annual Edition is much slimmer than in previous years, showing selected pieces per watch family, and the full collection is only presented on iwc.com and in this digital catalogue instead.

We wish you inspired reading.

YOURS, IWC SCHAFFHAUSEN

— SINCE 1969 —

DA VINCI

THE DA VINCI PERPETUAL CALENDAR (REF. 3750) FROM 1985 COMBINED A MECHANICAL CHRONOGRAPH WITH A PERPETUAL CALENDAR, MOON PHASE DISPLAY AND FOUR-DIGIT YEAR DISPLAY

The first Da Vinci was unveiled at the Basel Watch Show in 1969. The Da Vinci (Ref. 3501) had a distinctly technical appeal and, with its hexagonal gold case, gold bracelet and elongated hour markers, it revolutionized aesthetic standards: it was an immediate bestseller. Unfortunately, global economic conditions worsened noticeably while the value of the Swiss franc and the price of gold rose drastically. In 1976, in an attempt to counter these factors, IWC launched the SL Collection, which also included the classic Da Vinci models. The steel and bicolour versions of the Da Vinci were leading models.

In 1985, IWC launched the Da Vinci Perpetual Calendar (Ref. 3750), which rapidly established itself as the company's top seller. IWC's head designer at the time, Kurt Klaus, had the ingenious idea of creating a mechanical chronograph with a perpetual calendar, moon phase display and four-digit year display. The complex mechanism is extremely easy in practice because the displays for the date, day, month, year, decade, century, millennium and moon phase can all be set simply via the crown. The circle, one of Leonardo da Vinci's favourite geometrical figures, determined the round shape of the watch case with its four inner subdials and two semicircular push-buttons. With its outstanding technology and comparatively low price, the Da Vinci Perpetual Calendar launched all those years ago exceeded everyone's expectations. It became a long-standing bestseller and later a much-loved icon of IWC.

In 2007, IWC presented new versions of all the Da Vinci models in tonneau-shaped cases. For the first time ever at IWC, the Da Vinci Chronograph (Ref. 3764) integrated the "watch-in-watch" principle: in other words, a chronograph that could be read off directly and whose stopped minutes and hours appeared on a display similar to a normal watch. Other highlights back then were the limited Da Vinci Perpetual Calendar Edition Kurt Klaus (Ref. 3762) and the Da Vinci Automatic (Ref. 4523), whose big digital date display was an enormous hit with IWC customers. In 2009, with the Da Vinci Perpetual Calendar Digital Date-Month (Ref. 3761), Schaffhausen's engineers added the first flyback chronograph with a perpetual calendar, digital leap year display and a digital display with large numerals for the month and date.

Ten years later, in 2017, IWC returns to the circular case and watch lovers can look forward to new complications. The Da Vinci Perpetual Calendar Chronograph is the first watch from IWC to combine a mechanical chronograph with a perpetual moon phase display on a small subdial at "12 o'clock", while the Da Vinci Tourbillon Rétrograde Chronograph ingeniously unites a classic tourbillon featuring a retrograde date with a sports chronograph on a single dial.

The Da Vinci Automatic, Da Vinci Automatic 36 and Da Vinci Automatic Moon Phase 36 models all have a classically simple design and bear IWC's unmistakable signature. The case back of the Da Vinci 36-millimetre models is engraved with a geometric figure, the so-called "Flower of Life". For many thousands of years, the harmonious geometry of the 19 intertwined circles has been known as a symbol of energy in many cultures across the world and it contains numerous mathematical rules and universal laws. Leonardo da Vinci was inspired by the form of the Flower of Life as well, studying its mathematical properties in extensive artistic drawings. He used the findings drawn from it for many of his buildings and artworks due to its perfectly functional and aesthetic proportions.

DA VINCI AND THE CELESTIAL BODIES

With its moderately sized, 36-millimetre case, moon phase complication, semicircular crown and precious materials, the Da Vinci Automatic Moon Phase 36 is the perfect companion for anyone with a penchant for understated luxury. The classic moon phase, with a dark blue night sky and moon and stars in gold or silver, makes this timepiece with its three hands an attractive eye-catcher. The horizon extends to the recessed inner circle, which adds structure to the silver-plated dial and makes it appear even more three-dimensional. The extravagant model in 18-carat red gold, Ref. IW459308, with its gold-and-blue moon phase and blue hands, is the luxury version of the Da Vinci Automatic Moon Phase 36. To accompany it, IWC's designers chose a bronze tone for the Santoni alligator leather strap that shows off the leather's characteristic scale-like patterning to particularly striking advantage. The Reference IW459307 in stainless steel has a bezel set with 54 pure white diamonds, which is perfectly complemented by a dark brown alligator leather strap with a butterfly clasp. On the silver-plated dial, the shades of gold used for the numerals as well as the hour and minute hands alternate with the blue of the seconds hand and harmonize with the gold-and-blue moon phase display. In the case of the Reference IW459306 in stainless steel, the dial, moon and stars are finished in shimmering silver while the displays, sky and Santoni leather strap are all dark blue. The new lugs with their moving horns ensure that the strap fits snugly around the wrist. The watch is water-resistant to 3 bar and is powered by the mechanical 35800-calibre automatic movement. Engraved on the back case of the Da Vinci Automatic Moon Phase 36 is the Flower of Life. Leonardo da Vinci studied this geometric figure extensively, devoting many drawings to it. For IWC, it symbolizes the connection between creativity, technology and beauty.

DA VINCI AUTOMATIC MOON PHASE 36

REFERENCE 4593

REF. IW459308
in 18-carat red gold with bronze
alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Central hacking seconds · Moon phase display · Sapphire glass, convex, antireflective coating on both sides · Special back engraving · Water-resistant 3 bar · Case height 11.5 mm · Diameter 36 mm · Alligator leather strap by Santoni

DA VINCI AUTOMATIC MOON PHASE 36

REFERENCE 4593

REF. IW459307
in stainless steel with 54 diamonds on the case
and dark brown alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Central hacking seconds ·
Moon phase display · Sapphire glass, convex, antireflective coating on both sides · Special back
engraving · Water-resistant 3 bar · Case height 11.5 mm · Diameter 36 mm · Alligator leather strap by Santoni

DA VINCI AUTOMATIC MOON PHASE 36

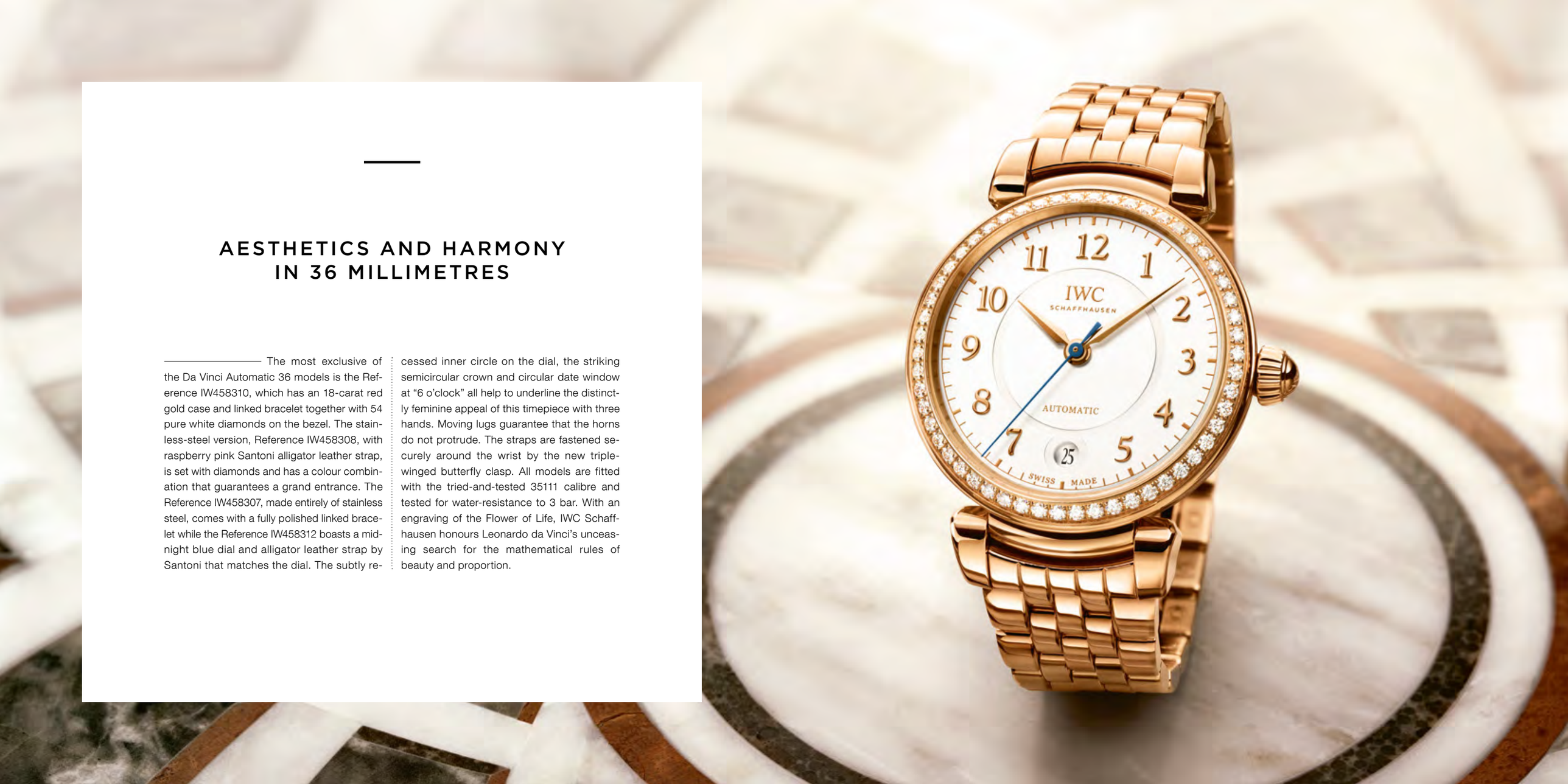
REFERENCE 4593

REF. IW459306
in stainless steel with dark blue
alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Central hacking seconds ·
Moon phase display · Sapphire glass, convex, antireflective coating on both sides · Special back
engraving · Water-resistant 3 bar · Case height 11.5 mm · Diameter 36 mm · Alligator leather strap by Santoni

AESTHETICS AND HARMONY IN 36 MILLIMETRES

The most exclusive of the Da Vinci Automatic 36 models is the Reference IW458310, which has an 18-carat red gold case and linked bracelet together with 54 pure white diamonds on the bezel. The stainless-steel version, Reference IW458308, with raspberry pink Santoni alligator leather strap, is set with diamonds and has a colour combination that guarantees a grand entrance. The Reference IW458307, made entirely of stainless steel, comes with a fully polished linked bracelet while the Reference IW458312 boasts a midnight blue dial and alligator leather strap by Santoni that matches the dial. The subtly recessed inner circle on the dial, the striking semicircular crown and circular date window at “6 o’clock” all help to underline the distinctly feminine appeal of this timepiece with three hands. Moving lugs guarantee that the horns do not protrude. The straps are fastened securely around the wrist by the new triple-winged butterfly clasp. All models are fitted with the tried-and-tested 35111 calibre and tested for water-resistance to 3 bar. With an engraving of the Flower of Life, IWC Schaffhausen honours Leonardo da Vinci’s unceasing search for the mathematical rules of beauty and proportion.



DA VINCI AUTOMATIC 36

REFERENCE 4583

REF. IW458310
in 18-carat red gold with 54 diamonds
on the case and
bracelet in 18-carat red gold

REF. IW458307
in stainless steel with
stainless-steel bracelet

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·
Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides ·
Special back engraving · Water-resistant 3 bar · Case height 10 mm · Diameter 36 mm

DA VINCI AUTOMATIC 36

REFERENCE 4583

REF. IW458308
in stainless steel with 54 diamonds on the case
and raspberry pink alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central
hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Special back
engraving · Water-resistant 3 bar · Case height 10 mm · Diameter 36 mm · Alligator leather strap by Santoni

DA VINCI AUTOMATIC 36

REFERENCE 4583

REF. IW458312
in stainless steel with dark blue
alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Special back engraving · Water-resistant 3 bar · Case height 10 mm · Diameter 36 mm · Alligator leather strap by Santoni

CHRONOGRAPH MEETS TOURBILLON

The unique status of the Da Vinci Tourbillon Rétrograde Chronograph with the Reference IW393101 is reflected in the name alone. Uniting complications such as a chronograph, a tourbillon and a retrograde date display on an IWC dial for the first time called for a redesign of the IWC-manufactured 89900 calibre. A fully fledged tourbillon was integrated to replace the small seconds at “6 o’clock”. The company’s designers positioned the tourbillon cage on the original fourth wheel while the small seconds counter was transformed into a central seconds. The chronograph function remains at the top of the dial at “12 o’clock”. It enables the user to stop times up to 11 hours and 59 minutes and read them off as if on a normal watch face. On the retrograde date display, which describes a gentle arc across the left-hand side of the dial, the hand automatically jumps back to 1 after the 31st of the month. The new calibre features a “hacking” tourbillon that enables setting the time with down-to-the-second accuracy. In addition, the pallet and escape wheel are made of diamond-coated silicon, an extremely hard surface with good sliding properties that reduces friction and thus wear and tear. The reduction in friction also compensates for the increased energy used by the tourbillon, making it possible to retain the original 68-hour power reserve when fully wound. At 44 millimetres in diameter and with a height of 17 millimetres, the massive 18-carat red gold case of this timepiece makes a decidedly imposing impression. At the back of the watch, which is water-resistant to 3 bar, a glance through the transparent sapphire glass reveals the complex design of the new 89900-calibre movement.

DA VINCI TOURBILLON RÉTROGRADE CHRONOGRAPH

REFERENCE 3931

REF. IW393101
in 18-carat red gold with dark brown
alligator leather strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89900 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Retrograde date display · Flying hacking minute tourbillon at 6 o'clock · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Glucydur®* beryllium alloy indexless balance with high-precision adjustment screws on balance rim · Rotor in 18-carat red gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 17 mm · Diameter 44 mm · Alligator leather strap by Santoni

RENDEZVOUS BETWEEN MOON AND CHRONOGRAPH

The new IWC-manufactured 89630 calibre in the Da Vinci Perpetual Calendar Chronograph is the first from IWC to combine the double chronograph counter with Kurt Klaus's moon phase system and place them both on a subdial. The moon itself is just three millimetres and remains stationary against the night sky while the moon phase disc below the dial, acting as a shadow of the earth, depicts the waxing and waning moon. The perpetual calendar functions with the same precision as in the Portugieser Perpetual Calendar: in 577.5 years, the display will diverge by just one day from the moon's actual course. For the chronograph, the design engineers likewise made no concessions. The hour and minute counters are combined in a totalizer at "12 o'clock", which enables stopped times to be read off as if they were the time of day. Stopped times are shown to an accuracy of a quarter of a second by the central blue chronograph seconds hand. The flyback function enables the chronograph to exit a current measurement instantaneously, without an intermediate stop, and to start a new one immediately. In the red gold model, the Reference IW392101, the case, lugs, crown and pushbuttons are made of solid 18-carat red gold. The dark brown alligator leather strap by Santoni is likewise fastened securely to the wrist by a folding clasp in gold. In the stainless-steel Reference IW392103 with its black leather strap by Santoni, the slate-coloured subdials are covered with a thin coating of rhodium, which gives them a distinctive cool and silvery appearance. The Da Vinci Perpetual Calendar Chronograph has an impressive case diameter of 43 millimetres, an equally striking case height of 15.5 millimetres as well as a sapphire-glass back that reveals the complex design of the watch movement with blued screws and unique decorative polishing on the bridges.

DA VINCI PERPETUAL CALENDAR CHRONOGRAPH

REFERENCE 3921

REF. IW392104
in platinum with
black alligator leather strap

REF. IW392101
in 18-carat red gold with dark brown
alligator leather strap

REF. IW392103
in stainless steel with black
alligator leather strap

Limited edition of 100 watches in platinum · Mechanical chronograph movement · Self-winding · IWC-manufactured 89630 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Glucydur®* beryllium alloy indexless balance with high-precision adjustment screws on balance rim · Rotor in 18-carat red gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 15.5 mm · Diameter 43 mm · Alligator leather strap by Santoni

SIMPLICITY IS THE KEY TO PURE ELEGANCE

The Da Vinci Automatic appeals equally to men and women – a classic watch with three hands for those who prefer style and simplicity. On the one hand, there is the circular case with its eye-catching lugs. Following the comeback of the 1980s style, it has re-established itself as the feature that sets the Da Vinci models apart within the IWC watch families. With its moving horns, the watch fits snugly around a slim wrist, which makes it particularly attractive for women. On the other hand, the reductionist dial with its large Arabic numerals and elegant feuille hands is pleasingly neat and tidy. The watch is water-resistant to 3 bar and is powered by the tried-and-tested 35111 calibre. In addition, the small, rectangular date window is located at “6 o’clock”.

The newly developed, three-wing butterfly clasp of the stainless-steel version guarantees a timepiece with perfect ergonomics. In its stainless-steel case and with its polished and satin-finished stainless-steel bracelet, the Reference IW356602 exudes a particularly beautiful, high-quality impression. The rhodium-plated surface of the dial is slate-coloured, the subtle grey tone providing an ideal backdrop for the hands and displays in gleaming steel. The Reference IW356601 with its silver-plated dial, gold-plated hour and minute hands and gold-plated indices is – to some extent – the counterpart to the model in pure stainless steel. The blue seconds hand brings a pleasantly contrasting touch of colour to the dial of the watch.

DA VINCI AUTOMATIC

REFERENCE 3566

REF. IW356601
in stainless steel with black
alligator leather strap

REF. IW356602
in stainless steel with
stainless-steel bracelet

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·
Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides ·
Water-resistant 3 bar · Case height 10 mm · Diameter 40 mm · Alligator leather strap by Santoni

— SPORT FOR GOOD FOUNDATION —

LAUREUS

Laureus
SPORT FOR GOOD FOUNDATION

The latest IWC “Laureus Sport for Good Foundation” special edition is already the eleventh in the series. And, once again, the colour of hope for disadvantaged children is blue. The elegant Da Vinci Chronograph Edition “Laureus Sport for Good Foundation” with the Reference IW393402 has a diameter of 42 millimetres and is limited to 1,500 watches. Newly designed moving lugs with curved horns ensure that the black alligator leather strap by Santoni fits perfectly, even on slimmer wrists. The in-house 89361 chronograph calibre with a 68-hour power reserve draws its energy via the automatic IWC’s double-pawl winding, which has four pawls to transfer energy to the pawl wheel. The stainless-steel timepiece, which is water-resistant to 3 bar, is equipped with a flyback function. This allows a time being recorded by the chronograph to be erased instantaneously without an intermediate stop and a new measurement to start immediately.

IWC has supported the invaluable work of the Laureus Sport for Good Foundation since 2006. Through more than 150 projects worldwide, the Foundation has to this day helped to make better lives possible for around 1.5 million children and young people. This year, once again, IWC Schaffhausen organized a children’s drawing competition within all the Laureus Sport for Good Foundation projects worldwide. The subject, “Time Well Spent”, inspired many children and adolescents from all over the world to take part.

The jury chose the drawing by 12-year-old Hou Ye from Shanghai. His winning picture shows himself on skis setting his personal best time. The arrows surrounding him symbolize his lack of fear as he shoots forward.

Despite his mental handicap and limited motor abilities, Hou Ye dreams of skiing and is participating in one of six Special Olympics East Asia programmes. Their aim is to make it possible for young, mentally handicapped people to participate in sport and sporting competitions.

THE LAUREUS SPORT FOR GOOD FOUNDATION USES THE POWER OF SPORT TO FIGHT VIOLENCE, DISCRIMINATION AND DISADVANTAGE AND PROVES THAT SPORT CAN CHANGE THE WORLD

The former speed skater and Laureus World Sports Academy Member Yang Yang from China and children at a “Laureus Sport for Good” project held as part of the Special Olympics East Asia

DA VINCI CHRONOGRAPH EDITION
“LAUREUS SPORT FOR GOOD FOUNDATION”

REFERENCE 3934

REF. IW393402
in stainless steel with black
alligator leather strap

Limited edition of 1,500 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o’clock · Flyback function · Small hacking seconds · Glucydur®* beryllium alloy indexless balance with high-precision adjustment screws on balance rim · Sapphire glass, arched edge, antireflective coating on both sides · Special back engraving · Water-resistant 3 bar · Case height 14.5 mm · Diameter 42 mm · Alligator leather strap by Santoni

— SINCE 1939 —

PORTUGIESER

THE FIRST PORTUGIESER WAS TECHNICALLY AND AESTHETICALLY WELL AHEAD OF ITS TIME

In the late 1930s, two Portuguese businessmen ordered wristwatches with the precision of marine chronometers from the International Watch Co. At the time, the only way of providing the requested accuracy was with a voluminous pocket watch calibre. This was the reason why the watchmakers decided to take the 74-calibre hunter pocket watch movement, which fortunately has the crown on the right-hand side, and house it in a wristwatch case. When the first “large wristwatch” left the factory, it was technically and aesthetically way ahead of its time. Technically, because the high-quality pocket watch calibre had a larger balance that set new standards in terms of precision for wristwatches. Aesthetically, because back then popular taste demanded dainty, and wherever possible rectangular, watches in the art deco style. The eye-catching size, the purist dial and the simple round case of the pocket-watch-style wristwatch were decidedly not in keeping with contemporary ideals. By the early 1980s, only a few hundred of them had been produced. It was not until 1993 that the timepiece, now known as the Portugieser, was to celebrate a triumphant comeback.

In 1967, at the Basel watch show, IWC presented the Yacht Club Automatic (Reference 811 A/AD). At the time it was not yet part of the Portugieser family, but was still the precursor of the current Portugieser Yacht Club Chronograph. It was to become one of IWC’s bestselling watches.

To mark IWC’s 125th anniversary in 1993, the watch family was reborn. Under the name “Portugieser”, IWC produced a limited special edition. The jubilee edition (Reference 5441) established a new size for wristwatches that was to revolutionize the watch industry; it has remained highly popular all over the world to this day. In the following years, the Portugieser line continued to feature one exciting complication after another and scaled the peaks of Haute Horlogerie.

In 2015, IWC Schaffhausen celebrated the 75th birthday of the Portugieser watch family. Its colourful history reflects the development of the Schaffhausen-based watchmaking company into an internationally renowned luxury Haute Horlogerie brand.

The annual calendar complication can be found in the Portugieser of the same name. It has three separate, semicircular windows to show the month, date and day. Thanks to the Portugieser Perpetual Calendar Digital Date-Month, the Portugieser watch family also includes a model featuring a large digital display for the date and month. Another feature that boosts the quality and value of the line is the in-house 52000-calibre family, which appears in four models. It has numerous technical improvements, which, among other things, improve its accuracy. The integration of more ceramic components has minimized wear and tear in the Pellaton automatic winding system.

The slimmer proportions of the rotor and the inset medallion permit a more generous view of the technology and movements inside the case. The design and finish of the plates and bridges are likewise more attractive. In the big complications, the rotors and medallions are made of solid 18-carat red gold. These are complemented by blued screws, for many watch connoisseurs an indispensable characteristic of an exquisite in-house movement. The interplay of red jewels, blue screws and black ceramic elements with the red gold of the rotor conveys an overall impression of quality that is in keeping with an in-house movement like this one.

Some of the models in the Portugieser collection have been fitted with arched-edge sapphire glass. It makes the case appear smaller and underscores the watch’s classic elegance. The round lugs, which are shaped to match the contours of the case, ensure greater comfort even when worn on slimmer wrists. And some of the References are fitted with fine-quality alligator leather straps from Santoni.

PORTUGIESER GRANDE COMPLICATION

REFERENCE 3776

REF. IW377601
in platinum with black
alligator leather strap

REF. IW377602
in 18-carat red gold with dark brown
alligator leather strap

BACK VIEW
for both References
(illustrated is the IW377602)

Limited edition of 250 watches each · Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase · Stopwatch function with hours, minutes and seconds · Minute repeater for hours, quarters and minutes · Small hacking seconds · Sapphire glass, arched edge, antireflective coating on both sides · Special back engraving · Water-resistant 3 bar · Case height 16.5 mm · Diameter 45 mm · Alligator leather strap by Santoni

The IWC-manufactured 98295 calibre, the basic movement in the Portugieser Minute Repeater with its elongated index tail for precision adjustment of the balance spring's effective length

PORTUGIESER MINUTE REPEATER

REFERENCE 5449

REF. IW544906
in platinum with black alligator leather strap

REF. IW544907
in 18-carat red gold with brown alligator leather strap

Limited edition of 500 watches each · Mechanical movement · Hand-wound · IWC-manufactured 98950 calibre (98000-calibre family) · 46-hour power reserve when fully wound · Minute repeater for hours, quarters and minutes · Small hacking seconds · Glucydur®* beryllium alloy balance with high-precision adjustment cam on balance arms · Breguet spring · Three-quarter bridge · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Case height 14 mm · Diameter 44 mm

PORTUGIESER TOURBILLON MYSTÈRE RÉTROGRADE

REFERENCE 5046

REF. IW504601
in platinum with black
alligator leather strap

REF. IW504602
in 18-carat red gold with dark brown
alligator leather strap

BACK VIEW
for both References
(illustrated is the IW504602)

Mechanical movement · Pellaton automatic winding · IWC-manufactured 51900 calibre (50000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Retrograde date display · Flying minute tourbillon at 12 o'clock · Glucydur®* beryllium alloy balance with high-precision adjustment cam on balance arms · Breguet spring · Rotor in 18-carat red gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant ⧓ 3 bar · Case height 15.3 mm · Diameter 44.2 mm · Alligator leather strap by Santoni

PORTUGIESER TOURBILLON HAND-WOUND

REFERENCE 5463

REF. IW546301
in 18-carat white gold with dark brown
alligator leather strap

REF. IW546302
in 18-carat red gold with dark brown
alligator leather strap

REF. IW546305
in 18-carat red gold with black
alligator leather strap

Limited edition of 100 watches in 18-carat red gold with blue dial · Mechanical movement · Hand-wound · IWC-manufactured 98900 calibre (98000-calibre family) · 54-hour power reserve when fully wound · Flying minute tourbillon at 9 o'clock · Small hacking seconds · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant ⧓ 3 bar · Case height 11 mm · Diameter 43 mm · Alligator leather strap by Santoni

PORTUGIESER PERPETUAL CALENDAR DIGITAL DATE-MONTH

REFERENCE 3972

REF. IW397204
in 18-carat red gold with black
alligator leather strap

Limited edition of 250 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89801 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Perpetual calendar · Double-digit displays for both the date and month · Leap year display · Stopwatch function with hours, minutes and seconds · Rotor in 18-carat red gold · Hour and minute counters combined in a single subdial at 12 o'clock · Flyback function · Small hacking seconds · Rotor in 18-carat red gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 16.5 mm · Diameter 45 mm · Alligator leather strap by Santoni

PORTUGIESER PERPETUAL CALENDAR

REFERENCE 5033

REF. IW503301
in 18-carat white gold with
black alligator leather strap

REF. IW503302
in 18-carat red gold with dark brown
alligator leather strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 52610 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase · Small hacking seconds · Glucydur®* beryllium alloy indexless balance with high-precision adjustment screws on balance rim · Breguet spring · Rotor in 18-carat red gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 15.3 mm · Diameter 44.2 mm · Alligator leather strap by Santoni

PORTUGIESER PERPETUAL CALENDAR

REFERENCE 5034

REF. IW503401
in 18-carat white gold with black alligator leather strap

REF. IW503404
in 18-carat red gold with black alligator leather strap

BACK VIEW
for both References
(illustrated is the IW503404)

Mechanical movement · Pellaton automatic winding · IWC-manufactured 52615 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase for the northern and southern hemispheres · Small hacking seconds · Glucydur® beryllium alloy indexless balance with high-precision adjustment screws on balance rim · Breguet spring · Rotor in 18-carat red gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 15.3 mm · Diameter 44.2 mm · Alligator leather strap by Santoni

PORTUGIESER ANNUAL CALENDAR

REFERENCE 5035

REF. IW503504
in 18-carat red gold with black alligator leather strap

REF. IW503501
in stainless steel with black alligator leather strap

REF. IW503502
in stainless steel with black alligator leather strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 52850 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Annual calendar with month, date and weekday · Small hacking seconds · Glucydur®* beryllium alloy indexless balance with high-precision adjustment screws on balance rim · Breguet spring · Rotor with 18-carat gold medallion · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 15.3 mm · Diameter 44.2 mm

PORTUGIESER YACHT CLUB CHRONOGRAPH

REFERENCE 3905

REF. IW390505
in 18-carat red gold with black rubber strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 6 bar · Case height 14.5 mm · Diameter 43.5 mm

PORTUGIESER YACHT CLUB CHRONOGRAPH

REFERENCE 3905

REF. IW390502
in stainless steel with black rubber strap

REF. IW390503
in stainless steel with black rubber strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 6 bar · Case height 14.5 mm · Diameter 43.5 mm

PORTUGIESER CHRONOGRAPH CLASSIC

REFERENCE 3903

REF. IW390301
in 18-carat red gold with dark brown
alligator leather strap

REF. IW390302
in stainless steel with black
alligator leather strap

REF. IW390303
in stainless steel with black
alligator leather strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) ·
68-hour power reserve when fully wound · Date display · Stopwatch function with hours,
minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function ·
Small hacking seconds · Sapphire glass, arched edge, antireflective coating on both sides ·
See-through sapphire-glass back · Water-resistant 3 bar · Case height 14 mm · Diameter 42 mm

PORTUGIESER AUTOMATIC

REFERENCE 5007

REF. IW500701
in 18-carat red gold with dark brown
alligator leather strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 52010 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Date display · Small hacking seconds · Glucydur®* beryllium alloy indexless balance with high-precision adjustment screws on balance rim · Breguet spring · Rotor with 18-carat gold medallion · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 14.5 mm · Diameter 42.3 mm

PORTUGIESER AUTOMATIC

REFERENCE 5007

REF. IW500702
in 18-carat red gold with dark brown
alligator leather strap

REF. IW500703
in stainless steel with black
alligator leather strap

REF. IW500710
in stainless steel with black
alligator leather strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 52010 calibre (52000-calibre family) ·
7-day power reserve when fully wound · Power reserve display · Date display · Small hacking seconds
at 9 o'clock · Glucydur®* beryllium alloy indexless balance with high-precision adjustment screws on balance rim ·
Breguet spring · Rotor with 18-carat gold medallion · Sapphire glass, convex, antireflective coating on
both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 14.5 mm · Diameter 42.3 mm

PORTUGIESER AUTOMATIC

REFERENCE 5007

REF. IW500704
in stainless steel with black
alligator leather strap

REF. IW500705
in stainless steel with black
alligator leather strap

BACK VIEW
for both References
(illustrated is the IW500704)

Mechanical movement · Pellaton automatic winding · IWC-manufactured 52010 calibre (52000-calibre family) ·
7-day power reserve when fully wound · Power reserve display · Date display · Small hacking seconds
at 9 o'clock · Glucydur®* beryllium alloy indexless balance with high-precision adjustment screws on balance rim ·
Breguet spring · Rotor with 18-carat gold medallion · Sapphire glass, convex, antireflective coating on
both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 14.5 mm · Diameter 42.3 mm

PORTUGIESER CHRONOGRAPH

REFERENCE 3714

REF. IW371482
in 18-carat red gold with black
alligator leather strap

REF. IW371480
in 18-carat red gold with dark brown
alligator leather strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Stopwatch function with minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 12.3 mm · Diameter 40.9 mm

PORTUGIESER CHRONOGRAPH

REFERENCE 3714

REF. IW371445
in stainless steel with black
alligator leather strap

REF. IW371446
in stainless steel with blue
alligator leather strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Stopwatch function
with minutes and seconds · Small hacking seconds · Sapphire glass, convex,
antireflective coating on both sides · Water-resistant 3 bar · Case height 12.3 mm · Diameter 40.9 mm

PORTUGIESER CHRONOGRAPH

REFERENCE 3714

REF. IW371447
in stainless steel with black
alligator leather strap

REF. IW371491
in stainless steel with black
alligator leather strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Stopwatch function
with minutes and seconds · Small hacking seconds · Sapphire glass, convex,
antireflective coating on both sides · Water-resistant 3 bar · Case height 12.3 mm · Diameter 40.9 mm

— SINCE 1984 —

PORTOFINO

THE SIZE AND CLASSICAL ELEGANCE OF THE FIRST PORTOFINO ENSURED IT GARNERED WIDESPREAD ATTENTION

For many years now, the former fishing village of Portofino on the Golfo del Tigullio near Genoa in Italy has been a place where the rich and famous from all over the world gather. The narrow little houses in red and terracotta clustered tightly around the picturesque natural harbour provide the perfect backdrop for stars and celebrities.

Even today, the international jet set gathers in Portofino to enjoy the relaxed, laid-back lifestyle of southern Europe. The classically elegant Portofino watch family is a subtle reflection of this lifestyle. The history of the Portofino watch family began in the late 1970s. Back then, IWC noted a persistent demand for timeless, classic models. The elegant IWC Lépine pocket watch, Reference 5201, served as the basis for the new watch line: its dial was turned through 90 degrees and its movement equipped with a moon phase display. And that was it: the new “pocket-watch-style wristwatch” Reference 5251, which was unveiled in 1984, went by the name “Portofino”. Since then, the Portofino collection has been one of IWC’s most successful watch families: an expression of understatement and good taste.

In 1988, to mark its 120th anniversary, IWC unveiled the Portofino Reference 2532, a consummately elegant timepiece in a gold case with Roman numerals. That same year saw the launch of the Portofino Reference 3731 with the 631-calibre movement. The chronograph consisted of 233 parts yet the movement was just 3.8 millimetres high: a master stroke of watchmaking. In 1993, IWC unveiled the Portofino Hand-Wound, Reference 2010, with an ultra-slim movement a mere 1.85 millimetres in height. A mechanical chronograph joined the watch family in 2007.

In 2011, the year of the Portofino, an IWC hand-wound movement from the 8-day 59000-calibre family, which is manufactured in-house, became the first to scale the pinnacle of Haute Horlogerie. The 59210 calibre in the Portofino Hand-Wound Eight Days only needs winding once a week. In 2014, it was joined by the 59230 calibre in the Portofino Hand-Wound Big Date.

In 2014, IWC Schaffhausen substantially extended its Portofino range to include simple models with cases measuring 37 millimetres in diameter to more classic models with a moon phase display and other watches with big complications. Further complications were unveiled in 2015. The Portofino Hand-Wound Monopusher features a sophisticated single-button mechanism that permits the measurement of stop times up to 60 minutes. The chronograph push-button is an integral part of the crown and at first glance goes virtually unnoticed. To start, stop or reset the chronograph, all the wearer needs to do is press the multifunctional push-button repeatedly. The Portofino Hand-Wound Day & Date combines the big date with a day display. Together with the 8-day movement and power reserve display, they produce an exquisite timepiece of enormous practical use.

In 2017, for the first time in more than 30 years, the moon phase complication makes a reappearance in the larger Portofino models. At 45 millimetres in diameter and with a classic design, the Portofino Hand-Wound Moon Phase is unmatched for sheer elegance. And with the Portofino Hand-Wound Tourbillon Rétrograde, IWC celebrates a premiere: for this is the first time a model in the Portofino family has featured a tourbillon.

THE PORTOFINO COLLECTION IS ONE OF THE MOST SUCCESSFUL IWC FAMILIES

PORTOFINO HAND-WOUND MONOPUSHER

REFERENCE 5151

REF. IW515103
in 18-carat white gold with grey
alligator leather strap

REF. IW515104
in 18-carat red gold with dark brown
alligator leather strap

BACK VIEW
for both References
(illustrated is the IW515104)

Mechanical single-pusher chronograph movement · Hand-wound · IWC-manufactured 59360 calibre (59000-calibre family) · 8-day power reserve when fully wound · Power reserve display · Date display · Stopwatch function with minutes and seconds · Small hacking seconds · Indexless balance with four golden weight screws on the balance rim · Breguet spring · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 13 mm · Diameter 45 mm · Alligator leather strap by Santoni

PORTOFINO HAND-WOUND TOURBILLON RÉTROGRADE

REFERENCE 5165

REF. IW516501
in 18-carat red gold with dark brown
alligator leather strap

Mechanical movement · Hand-wound · IWC-manufactured 59900 calibre (59000-calibre family) · 8-day power reserve when fully wound · Power reserve display · Retrograde date display · Flying hacking minute tourbillon at 6 o'clock · Breguet spring · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 14 mm · Diameter 45 mm · Alligator leather strap by Santoni

PORTOFINO HAND-WOUND MOON PHASE

REFERENCE 5164

REF. IW516403
in 18-carat red gold with dark brown
alligator leather strap

REF. IW516401
in stainless steel with dark brown
alligator leather strap

BACK VIEW
for both References
(illustrated is the IW516401)

Mechanical movement · Hand-wound · IWC-manufactured 59800 calibre (59000-calibre family) · 8-day power reserve when fully wound · Power reserve display · Date display · Moon phase display · Small hacking seconds · Breguet spring · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 13.5 mm · Diameter 45 mm · Alligator leather strap by Santoni

PORTOFINO HAND-WOUND DAY & DATE

REFERENCE 5162

REF. IW516203
in 18-carat red gold with dark brown
alligator leather strap

REF. IW516201
in stainless steel with black
alligator leather strap

BACK VIEW
for both References
(illustrated is the IW516401)

Mechanical movement · Hand-wound · IWC-manufactured 59220 calibre (59000-calibre family) · 8-day power reserve when fully wound · Power reserve display · Date and day display · Small hacking seconds · Breguet spring · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 13 mm · Diameter 45 mm · Alligator leather strap by Santoni

PORTOFINO HAND-WOUND EIGHT DAYS

REFERENCE 5101

REF. IW510104
in 18-carat red gold with dark brown
alligator leather strap

REF. IW510107
in 18-carat red gold with dark brown
alligator leather strap

Mechanical movement · Hand-wound · IWC-manufactured 59210 calibre (59000-calibre family) · 8-day power reserve when fully wound · Power reserve display · Date display · Small hacking seconds · Breguet spring · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 12 mm · Diameter 45 mm · Alligator leather strap by Santoni

PORTOFINO HAND-WOUND EIGHT DAYS

REFERENCE 5101

REF. IW510103
in stainless steel with brown
alligator leather strap

REF. IW510102
in stainless steel with dark brown
alligator leather strap

REF. IW510106
in stainless steel with black
alligator leather strap

Mechanical movement · Hand-wound · IWC-manufactured 59210 calibre (59000-calibre family) · 8-day power reserve when fully wound · Power reserve display · Date display · Small hacking seconds · Breguet spring · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 12 mm · Diameter 45 mm · Alligator leather strap by Santoni

PORTOFINO CHRONOGRAPH

REFERENCE 3910

REF. IW391020
in 18-carat red gold with dark brown
alligator leather strap

REF. IW391021
in 18-carat red gold with dark brown
alligator leather strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Special back engraving · Water-resistant 3 bar · Case height 13.5 mm · Diameter 42 mm

PORTOFINO CHRONOGRAPH

REFERENCE 3910

REF. IW391007
in stainless steel with dark brown
alligator leather strap

REF. IW391008
in stainless steel with black
alligator leather strap

REF. IW391022
in stainless steel with black
alligator leather strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display ·
Stopwatch function with hours, minutes and seconds · Small hacking seconds · Sapphire glass,
convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 13.5 mm · Diameter 42 mm

PORTOFINO CHRONOGRAPH

REFERENCE 3910

REF. IW391009
in stainless steel with Milanaise
bracelet in stainless steel

REF. IW391010
in stainless steel with Milanaise
bracelet in stainless steel

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display ·
Stopwatch function with hours, minutes and seconds · Small hacking seconds · Sapphire glass,
convex, antireflective coating on both sides · Water-resistant 3 bar· Case height 13.5 mm · Diameter 42 mm

PORTOFINO AUTOMATIC

REFERENCE 3565

REF. IW356504
in 18-carat red gold with dark brown
alligator leather strap

REF. IW356511
in 18-carat red gold with dark brown
alligator leather strap

BACK VIEW
for both References
(illustrated is the IW356511)

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·
Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides ·
Special back engraving · Water-resistant 3 bar · Case height 9.5 mm · Diameter 40 mm

PORTOFINO AUTOMATIC

REFERENCE 3565

REF. IW356517
in stainless steel with black
alligator leather strap

REF. IW356501
in stainless steel with black
alligator leather strap

REF. IW356502
in stainless steel with black
alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·
Central hacking seconds · Sapphire glass, convex, antireflective
coating on both sides · Water-resistant 3 bar · Case height 9.5 mm · Diameter 40 mm

PORTOFINO AUTOMATIC

REFERENCE 3565

REF. IW356505
in stainless steel with Milanaise
bracelet in stainless steel

REF. IW356506
in stainless steel with Milanaise
bracelet in stainless steel

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·
Central hacking seconds · Sapphire glass, convex, antireflective
coating on both sides · Water-resistant 3 bar · Case height 9.5 mm · Diameter 40 mm

PORTOFINO AUTOMATIC

REFERENCE 3565

REF. IW356514
in 18-carat white gold with 72 diamonds
and black alligator leather strap

REF. IW356515
in 18-carat red gold with 72 diamonds
and black alligator leather strap

REF. IW356516
in 18-carat red gold with 72 diamonds
and dark brown alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds ·
Sapphire glass, convex, antireflective coating on both sides · Special back engraving ·
Water-resistant 3 bar · Case height 9.5 mm · Diameter 40 mm · Alligator leather strap by Santoni

PORTOFINO AUTOMATIC MOON PHASE 37

REFERENCE 4590

REF. IW459009
in 18-carat red gold with 66 diamonds
on the case and 12 diamonds
on the dial and black alligator leather strap

REF. IW459010
in 18-carat red gold with 66 diamonds
on the case and 12 diamonds
on the dial and Milanaise mesh bracelet
in 18-carat red gold

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Central hacking seconds · Moon phase display · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 11 mm · Diameter 37 mm · Alligator leather strap by Santoni

PORTOFINO AUTOMATIC MOON PHASE 37

REFERENCE 4590

REF. IW459008
in stainless steel with 66 diamonds
on the case and 12 diamonds
on the dial and dark blue alligator leather strap

REF. IW459011
in stainless steel with 12 diamonds
on the dial and
dark brown alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Central hacking seconds · Moon phase display · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 11 mm · Diameter 37 mm · Alligator leather strap by Santoni

PORTOFINO AUTOMATIC DAY & NIGHT 37

REFERENCE 4591

REF. IW459102
in 18-carat red gold with 66 diamonds
on the case and 12 diamonds
on the white mother-of-pearl dial and black
alligator leather strap

REF. IW459101
in stainless steel with 66 diamonds
on the case and 12 diamonds
on the white mother-of-pearl dial and
dark blue alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Hour hand adjustable
in one-hour steps (TZC = Time Zone Corrector) · 24-hour display (second time zone) ·
Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar ·
Case height 11 mm · Diameter 37 mm · Alligator leather strap by Santoni

PORTOFINO AUTOMATIC 37

REFERENCE 4581

REF. IW458107
in 18-carat red gold with 66 diamonds
on the case and
lilac-coloured alligator leather strap

REF. IW458108
in 18-carat red gold with 66 diamonds
on the case and
black alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·
Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides ·
Water-resistant 3 bar · Case height 9 mm · Diameter 37 mm · Alligator leather strap by Santoni

PORTOFINO AUTOMATIC 37

REFERENCE 4581

REF. IW458109
in stainless steel with 66 diamonds
on the case and
red alligator leather strap

REF. IW458111
in stainless steel with 66 diamonds
on the case and
blue alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·
Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides ·
Water-resistant 3 bar · Case height 9 mm · Diameter 37 mm · Alligator leather strap by Santoni

PORTOFINO AUTOMATIC 37

REFERENCE 4581

REF. IW458112
in stainless steel with 66 diamonds
on the case and
raspberry pink alligator leather strap

REF. IW458104
in stainless steel with 66 diamonds
on the case and
grey alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·
Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides ·
Water-resistant 3 bar · Case height 9 mm · Diameter 37 mm · Alligator leather strap by Santoni

PORTOFINO AUTOMATIC 37

REFERENCE 4581

REF. IW458105
in 18-carat red gold with 12 diamonds
on the dial and
orange-coloured alligator leather strap

REF. IW458106
in 18-carat red gold with 12 diamonds
on the dial and
dark brown alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·
Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides ·
Water-resistant 3 bar · Case height 9 mm · Diameter 37 mm · Alligator leather strap by Santoni

PORTOFINO AUTOMATIC 37

REFERENCE 4581

REF. IW458101
in stainless steel with 12 diamonds
on the dial and
light brown alligator leather strap

REF. IW458102
in stainless steel with 12 diamonds
on the dial and
black alligator leather strap

REF. IW458110
in stainless steel with 12 diamonds
on the dial and Milanaise
bracelet in stainless steel

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·
Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides ·
Water-resistant 3 bar · Case height 9 mm · Diameter 37 mm · Alligator leather strap by Santoni

— SINCE 1936 —

PILOT'S WATCHES

IN 1940, IWC DEVELOPED THE 52-CALIBRE T. S. C. BIG PILOT'S WATCH WITH A CENTRAL SECONDS HAND

The first Special Pilot's Watch left the IWC factory in 1936. It was the start of a special relationship between IWC Schaffhausen and flying. Just four years later came the 52-calibre T. S. C. Big Pilot's Watch, the first observer's watch with a case measuring 55 millimetres in diameter. With its instrument-inspired appearance, it rapidly became a style icon and a model for all classic pilot's watches. Its design was to provide IWC with the inspiration for the Mark 11, produced from 1948 onwards. This, the best known of the Pilot's Watches from the Schaffhausen-based manufacturer, was originally built for the Royal Air Force and has been in constant use for more than 30 years. Since 1988, the IWC Pilot's Watch tradition has gone from strength to strength. In 2003, IWC launched the first Pilot's Watch series named after the legendary British aircraft, the Spitfire.

Since 2006, IWC has unveiled a series of Pilot's Watch special editions in honour of the outstanding books and life's work of the French author and pilot Antoine de Saint-Exupéry. His fiction addresses universal values such as friendship and humanity, and his best-known work, "The Little Prince", has ensured his great immortality.

In 2007, for the first time ever, a watch bearing the name TOP GUN joined the IWC Pilot's Watch squadron. In 2012, IWC's year of the Pilot's Watches, the TOP GUN collection established itself as an independent line within the Pilot's Watch family. For the first time ever, it included the Miramar models with their authentic military design.

In 2016, IWC's entire fleet of Pilot's Watches was given a thorough overhaul. The new Pilot's Watch collection, featuring many new timepieces with a range of innovative designs, sophisticated complications and top-quality materials, was warmly received by watch lovers.

The classic Pilot's Watches revert to something more closely resembling the historic original. The same applies to the TOP GUN models, which come with a surprise element in the form of embossed calfskin straps. The Pilot's Watch Automatic 36 was designed for anyone who prefers a slightly smaller and more discreet wristwatch.

The Pilot's Watch Timezoner Chronograph allows the wearer to select a new time zone using only the bezel: the hour hand, the 24-hour display and the date all advance or turn back automatically. Never before has there been a more simple, practical or elegant way to set a world time watch.

The Big Pilot's Watch Annual Calendar Edition "Le Petit Prince" is available in 18-carat red gold and also in 18-carat white gold. Through the large sapphire-glass back, we see the little prince standing on his tiny asteroid – the rotor – and observing the blue sky. For the first time, for the white gold version IWC has blued the bridges and plates using a special process. The chronograph and Mark XVIII versions of these "Le Petit Prince" special editions are now also available with stainless-steel bracelets.

However, IWC is paying tribute not only to his world-famous work "The Little Prince" but also to the great humanist himself. A part of the proceeds from the unmistakable "Antoine de Saint Exupéry" special editions goes to the Antoine de Saint-Exupéry Youth Foundation.

BIG PILOT'S HERITAGE WATCH 48

REFERENCE 5103

REF. IW510301
in titanium with brown
calfskin strap

Limited edition of 1,000 watches · Mechanical movement · Hand-wound · IWC-manufactured 59215 calibre (59000-calibre family) · 8-day power reserve when fully wound · Power reserve display · Small hacking seconds · Soft-iron inner case for protection against magnetic fields · Breguet spring · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Sapphire-glass back · Water-resistant 6 bar · Case height 14.5 mm · Diameter 48 mm

BIG PILOT'S WATCH ANNUAL CALENDAR EDITION "LE PETIT PRINCE"

REFERENCE 5027

REF. IW502703
in 18-carat white gold with brown calfskin strap

REF. IW502701
in 18-carat red gold with brown calfskin strap

BACK VIEW
for both References
(illustrated is the IW502701)

Limited edition of 250 watches each · Mechanical movement · Pellaton automatic winding · IWC-manufactured 52850 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Annual calendar with month, date and weekday · Small hacking seconds · Glucydur®* beryllium alloy indexless balance with high-precision adjustment screws on balance rim · Breguet spring · Rotor in 18-carat gold · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · See-through sapphire-glass back · Water-resistant 6 bar · Case height 15.5 mm · Diameter 46 mm · Calfskin strap by Santoni

BIG PILOT'S WATCH
EDITION "LE PETIT PRINCE"

REFERENCE 5009

REF. IW500916
in stainless steel with brown
calfskin strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 51111 calibre (50000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Date display · Central hacking seconds · Glucydur®* beryllium alloy balance with high-precision adjustment cam on balance arms · Breguet spring · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 16 mm · Diameter 46 mm · Calfskin strap by Santoni

PILOT'S WATCH DOUBLE CHRONOGRAPH
EDITION "LE PETIT PRINCE"

REFERENCE 3718

REF. IW371807
in stainless steel with brown
calfskin strap

Limited edition of 1,000 watches · Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date display · Everyday jumping star display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Split-seconds hand for intermediate timing · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 17 mm · Diameter 44 mm

PILOT'S WATCH CHRONOGRAPH
EDITION "LE PETIT PRINCE"

REFERENCE 3777

REF. IW377714
in stainless steel with
brown calfskin strap

REF. IW377717
in stainless steel with
stainless-steel bracelet

BACK VIEW
for both References
(illustrated is the IW377717)

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 15 mm · Diameter 43 mm · Calfskin strap by Santoni

PILOT'S WATCH MARK XVIII
EDITION "LE PETIT PRINCE"

REFERENCE 3270

REF. IW327004
in stainless steel with
brown calfskin strap

REF. IW327014
in stainless steel with
stainless-steel bracelet

BACK VIEW
for both References
(illustrated is the IW327014)

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 11 mm · Diameter 40 mm · Calfskin strap by Santoni

BIG PILOT'S WATCH PERPETUAL CALENDAR EDITION "ANTOINE DE SAINT EXUPÉRY"

REFERENCE 5038

REF. IW503801
in stainless steel with brown
calfskin strap

Limited edition of 750 watches · Mechanical movement · Pellaton automatic winding · IWC-manufactured 52610 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase · Small hacking seconds · Glucydur®* beryllium alloy indexless balance with high-precision adjustment screws on balance rim · Breguet spring · Rotor in 18-carat gold · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · See-through sapphire-glass back · Water-resistant 6 bar · Case height 15.5 mm · Diameter 46 mm · Calfskin strap by Santoni

PILOT'S WATCH DOUBLE CHRONOGRAPH EDITION "ANTOINE DE SAINT EXUPÉRY"

REFERENCE 3718

REF. IW371808
in stainless steel with brown calfskin strap

Limited edition of 1,000 watches · Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Split-seconds hand for intermediate timing · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 17 mm · Diameter 44 mm · Calfskin strap by Santoni

PILOT'S WATCH PERPETUAL CALENDAR DIGITAL DATE-MONTH SPITFIRE

REFERENCE 3791

REF. IW379108
in stainless steel with brown calfskin strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89801 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Perpetual calendar · Large double-digit displays for both the date and month · Leap year display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · See-through sapphire-glass back · Water-resistant 6 bar · Case height 17.5 mm · Diameter 46 mm · Calfskin strap by Santoni

BIG PILOT'S WATCH ANNUAL CALENDAR SPITFIRE

REFERENCE 5027

REF. IW502702
in stainless steel with brown
calfskin strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 52850 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Annual calendar with month, date and weekday · Small hacking seconds · Glucydur®* beryllium alloy indexless balance with high-precision adjustment screws on balance rim · Breguet spring · Rotor with 18-carat gold medallion · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · See-through sapphire-glass back · Water-resistant ⋈ 6 bar · Case height 15.5 mm · Diameter 46 mm · Calfskin strap by Santoni

BIG PILOT'S WATCH SPITFIRE

REFERENCE 5009

REF. IW500917
in 18-carat red gold with
brown calfskin strap

Mechanical chronograph movement · Pellaton automatic winding · IWC-manufactured 51111 calibre (50000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Date display · Central hacking seconds · Glucydur®* beryllium alloy indexless balance with high-precision adjustment screws on balance rim · Breguet spring · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant ⋈ 6 bar · Case height 16 mm · Diameter 46 mm · Calfskin strap by Santoni

PILOT'S WATCH CHRONOGRAPH SPITFIRE

REFERENCE 3777

REF. IW377719
in stainless steel with
stainless-steel bracelet

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 15 mm · Diameter 43 mm

BIG PILOT'S WATCH TOP GUN

REFERENCE 5020

REF. IW502001
in ceramic with black
calfskin strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 51111 calibre (50000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Date display · Central hacking seconds · Glucydur®* beryllium alloy balance with high-precision adjustment cam on balance arms · Breguet spring · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 15 mm · Diameter 46 mm

PILOT'S WATCH CHRONOGRAPH TOP GUN / TOP GUN MIRAMAR

REFERENCE 3890

REF. IW389001
in ceramic with black calfskin strap

REF. IW389002
in ceramic with green calfskin strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 15.5 mm · Diameter 44 mm

PILOT'S WATCH MARK XVIII TOP GUN MIRAMAR

REFERENCE 3247

REF. IW324702
in ceramic with green calfskin strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 11 mm · Diameter 41 mm

PILOT'S WATCH
TIMEZONER CHRONOGRAPH

REFERENCE 3950

REF. IW395001
in stainless steel with black
calfskin strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89760 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · 24-hour display for Worldtimer function, adjustable via rotating bezel · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 16.5 mm · Diameter 45 mm · Calfskin strap by Santoni

BIG PILOT'S WATCH

REFERENCE 5009

REF. IW500912
in stainless steel with black calfskin strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 51111 calibre (50000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Date display · Central hacking seconds · Glucydur®* beryllium alloy balance with high-precision adjustment cam on balance arms · Breguet spring · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 16 mm · Diameter 46 mm · Calfskin strap by Santoni

PILOT'S WATCH CHRONOGRAPH

REFERENCE 3777

REF. IW377709
in stainless steel with black calfskin strap

REF. IW377710
in stainless steel with stainless-steel bracelet

BACK VIEW
for both References (illustrated is the IW377710)

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 15 mm · Diameter 43 mm · Calfskin strap by Santoni

PILOT'S WATCH MARK XVIII

REFERENCE 3270

REF. IW327002
in stainless steel with black calfskin strap

REF. IW327001
in stainless steel with black calfskin strap

REF. IW327011
in stainless steel with stainless-steel bracelet

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 11 mm · Diameter 40 mm · Calfskin strap by Santoni

PILOT'S WATCH AUTOMATIC 36

REFERENCE 3240

REF. IW324001
in stainless steel with dark brown
alligator leather strap

REF. IW324002
in stainless steel with
stainless-steel bracelet

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Water-resistant 6 bar · Case height 10.5 mm · Diameter 36 mm · Alligator leather strap by Santoni

PILOT'S WATCH AUTOMATIC 36

REFERENCE 3240

REF. IW324007
in stainless steel with grey
alligator leather strap

REF. IW324006
in stainless steel with
stainless-steel bracelet

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Water-resistant 6 bar · Case height 10.5 mm · Diameter 36 mm · Alligator leather strap by Santoni

PILOT'S WATCH AUTOMATIC 36

REFERENCE 3240

REF. IW324008
in stainless steel with dark blue
alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Water-resistant 6 bar · Case height 10.5 mm · Diameter 36 mm · Alligator leather strap by Santoni

— SINCE 1967 —

AQUATIMER

THE FIRST AQUATIMER, 1967

IWC Schaffhausen has had close connections with diving since the 1960s. In 1967, the sport's growing popularity prompted the company to launch the first Aquatimer. It was water-resistant to 20 bar and featured an internal rotating bezel to display dive time. In 1982, the first diver's watch in titanium – water-resistant to 200 bar with an external rotating bezel – created a sensation: the Ocean 2000. In 1997, IWC rolled out the GST sports watch line, which rapidly became synonymous with ruggedness combined with suitability for everyday use. The inventive ethos of IWC's engineers led to the GST Deep One in 1999. This striking diver's watch in a titanium case was the first IWC watch to feature a mechanical depth gauge.

In 2009, IWC brought a completely revised Aquatimer collection onto the market. The diver's watches featured a chunky external rotating bezel with an inset sapphire glass whose underside was coated with a thick layer of Super-LumiNova®*.

The 2014 Aquatimer collection was more purist in appearance with more subdued colours than the previous generation. The watches were also more functional and safer, and even more Aquatimer models were fitted with IWC-manufactured movements. The most conspicuous new development was the case design with the external/internal rotating bezel. It combines the advantages of an inner rotating bezel with the ease of use of an external rotating bezel. The external rotating ring with its IWC SafeDive system can be moved simply and precisely in steps of one minute, even when wearing diving gloves or with cold fingers.

In 2014, in honour of the Galapagos expedition undertaken in 1835 by the ingenious British natural scientist Charles Darwin, IWC launched a special edition in a bronze case. In response to the growing popularity in scientific circles of conservation on the Galapagos Islands, the Charles Darwin Foundation (CDF) was founded in 1959 and the Charles Darwin Research Station (CDRS), based on the island of Santa Cruz, in 1964. IWC donates a sizeable sum to support the work of this non-profit organization.

Exactly 136 years after Darwin, "le Commandant" Jacques Cousteau set course for the archipelago with his research vessel, the Calypso. The Schaffhausen-based manufacturer honours the passionate inventor, researcher and filmmaker with, among other things, the special Aquatimer Chronograph Edition "Expedition Jacques-Yves Cousteau" and the Aquatimer Automatic Edition "Expedition Jacques-Yves Cousteau".

In 2017, the Aquatimer Perpetual Calendar Digital Date-Month Edition "50 Years Aquatimer" celebrates the 50th jubilee of the Aquatimer watch family with a new, patented case material: Ceratanium®. The perfect combination of a customized titanium alloy with a ceramic surface has made this light material particularly scratch-resistant. As a fitting tribute to this jubilee, this watch is limited to 50 pieces.

In 1982, IWC launched the Ocean 2000 that was water-resistant to 200 bar. This year, 35 years later, IWC is paying tribute to this legendary watch with the Aquatimer Automatic 2000 Edition "35 Years Ocean 2000". It is also water-resistant to 200 bar and is limited to 350 pieces.

The Aquatimer Chronograph Edition "Sharks" is available in a limited edition of 500 watches and is accompanied by a likewise limited and signed copy of the huge TASCHEN-XXL edition "Sharks", in which American star photographer Michael Muller portrays these fascinating creatures with a hitherto unknown degree of proximity and precision.

AQUATIMER PERPETUAL CALENDAR DIGITAL DATE-MONTH

REFERENCE 3794

REF. IW379402
in 18-carat red gold and titanium
with black rubber strap

Limited edition of 50 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89801 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Perpetual calendar · Large double-digit displays for both the date and month · Leap year display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive system · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 10 bar · IWC bracelet quick-change system · Case height 19 mm · Diameter 49 mm

AQUATIMER PERPETUAL CALENDAR DIGITAL DATE-MONTH EDITION "50 YEARS AQUATIMER"

REFERENCE 3794

REF. IW379403
in Ceratanium® with black
rubber strap

Limited edition of 50 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89801 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Perpetual calendar · Large double-digit displays for both the date and month · Leap year display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive system · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 10 bar · IWC bracelet quick-change system · Case height 19 mm · Diameter 49 mm

AQUATIMER DEEP THREE

REFERENCE 3557

REF. IW355701
in titanium with black rubber strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive system · Mechanical depth gauge with flyback hand showing maximum depth to 50 m · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Special back engraving · Water-resistant 10 bar · IWC bracelet quick-change system · Case height 16.5 mm · Diameter 46 mm

AQUATIMER AUTOMATIC 2000

REFERENCE 3580

REF. IW358001
in titanium with black rubber strap

REF. IW358002
in titanium with black rubber strap

BACK VIEW
for both References

Mechanical movement · Self-winding · IWC-manufactured 80110 calibre (80000-calibre family) · 44-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date display · Central hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 200 bar · IWC bracelet quick-change system · Case height 20.5 mm · Diameter 46 mm

AQUATIMER AUTOMATIC 2000
EDITION “35 YEARS OCEAN 2000”

REFERENCE 3291

REF. IW329101
in titanium with black rubber strap

Limited edition of 350 watches · Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Mechanical external/internal rotating bezel with IWC SafeDive system · Date display · Central hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 200 bar · IWC bracelet quick-change system · Case height 14.5 mm · Diameter 42 mm

AQUATIMER

AQUATIMER CHRONOGRAPH EDITION “EXPEDITION CHARLES DARWIN”

REFERENCE 3795

REF. IW379503
in bronze with black rubber strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89365 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive system · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Special back engraving · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 17 mm · Diameter 44 mm

AQUATIMER CHRONOGRAPH EDITION “LA CUMBRE VOLCANO”

REFERENCE 3795

REF. IW379505
in rubber-coated stainless steel
with black rubber strap

Limited edition of 500 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89365 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date display · Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 17 mm · Diameter 44 mm

AQUATIMER CHRONOGRAPH EDITION “GALAPAGOS ISLANDS”

REFERENCE 3795

REF. IW379502
in rubber-coated stainless steel
with black rubber strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89365 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date display · Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 17 mm · Diameter 44 mm

AQUATIMER CHRONOGRAPH EDITION “SHARKS”

REFERENCE 3795

REF. IW379506
in stainless steel with black rubber strap

Limited edition of 500 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89365 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive system · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Special back engraving · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 17 mm · Diameter 44 mm

AQUATIMER CHRONOGRAPH EDITION “EXPEDITION JACQUES-YVES COUSTEAU”

REFERENCE 3768

REF. IW376805
in stainless steel with black rubber strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive system · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Special back engraving · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 17 mm · Diameter 44 mm

AQUATIMER CHRONOGRAPH

REFERENCE 3768

REF. IW376801
in stainless steel with
black rubber strap

REF. IW376803
in stainless steel with
black rubber strap

REF. IW376804
in stainless steel with
stainless-steel bracelet

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive system · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 17 mm · Diameter 44 mm

AQUATIMER AUTOMATIC

REFERENCE 3290

REF. IW329001
in stainless steel with black rubber strap

REF. IW329002
in stainless steel with stainless-steel bracelet

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date display · Central hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 14 mm · Diameter 42 mm

AQUATIMER AUTOMATIC

REFERENCE 3290

REF. IW329003
in stainless steel with black rubber strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date display · Central hacking seconds · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 14 mm · Diameter 42 mm

With his legendary TV series “The Undersea World of Jacques Cousteau”, the filmmaker did much to popularize amateur scuba diving

AQUATIMER AUTOMATIC EDITION “EXPEDITION JACQUES-YVES COUSTEAU”

REFERENCE 3290

REF. IW329005
in stainless steel with black rubber strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive system · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Special back engraving · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 14 mm · Diameter 42 mm

— SINCE 1955 —

INGENIEUR

THE REFERENCE 666 AD IS ONE OF THE FIRST INGENIEUR MODELS
FROM IWC SCHAFFHAUSEN FROM 1955

The Ingenieur watch family's success story began back in the 1950s. An increasing number of technical appliances generated magnetic fields that adversely affected the accuracy of wristwatches. Engineers, in particular, often worked in areas subject to magnetic fields. By this time, IWC had perfected methods of protecting against magnetic fields to the point that making a new watch line especially for this profession seemed like a good idea. And so the Ingenieur was born.

The first Ingenieur, unveiled in 1955, had the reference number 666 and was equipped with the first bidirectional automatic movement, developed by Albert Pellaton, the Technical Director at the time. The Pellaton system winds the movement when the rotor is revolving in either direction, making it significantly more efficient than conventional unidirectional mechanisms. In the late 1950s, the design of the movements used in the Ingenieur watches was successively improved. In the 1970s and 1980s, quartz watches reigned supreme on the world's watch markets. Even IWC equipped certain Ingenieur models with quartz-regulated oscillators. Technical masterpieces like the Ingenieur SL, which was just 10 millimetres thick, or the Ingenieur Automatic "500,000 A/m", with its possibly record-breaking level of protection against magnetic fields, were the outstanding features of this period in the Ingenieur's history as was the introduction of titanium for cases.

In 2005, the watch family celebrated a stirring comeback. The Ingenieur collection assumed the cool, engineering-inspired aura of Gérald Genta's Ingenieur SL from the 1970s. For this legendary watch, the freelance watch designer left the screws or functional bores plain for all to see on the bezel, instead of trying to conceal them.

Now, over 60 years after the first Ingenieur was launched, IWC Schaffhausen continues its success story with three special editions and a completely overhauled collection that steer the Ingenieur back into the golden age of classic motorsport: with a production run of just 74 watches, the Ingenieur Chronograph Edition "74th Members' Meeting at Goodwood" is a tribute to this legendary racing sport in southern England. The Ingenieur Chronograph Edition "Rudolf Caracciola" and Ingenieur Chronograph Edition "W 125" models, both of which are limited to 750 watches, also bring the fascination of classic motorsport onto the wrist. The eye-catching vintage character of the new models adds surprising elements to the design.

The new collection is very much inspired by the early Ingenieur models and the watch family is going back to its roots. The influence is clear to see in the simple round case as well as in the dial with its striking hands and indices with luminescent elements. The Ingenieur family now has a clean vintage feel and is lighter and more elegant in its overall appearance. The new collection covers a lot of bases with three automatic models, four IWC-manufactured chronographs and a limited-edition reference with a perpetual calendar.

INGENIEUR CHRONOGRAPH
EDITION “74TH MEMBERS’ MEETING AT GOODWOOD”

REFERENCE 3807

REF. IW380703
in 18-carat red gold with brown
calfskin strap

Limited edition of 74 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 69370 calibre (69000-calibre family) · 46-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 6 bar · Case height 15 mm · Diameter 42 mm

INGENIEUR CHRONOGRAPH
EDITIONS “W 125” AND “RUDOLF CARACCIOLA”

REFERENCE 3807

REF. IW380701
in titanium with black
calfskin strap

REF. IW380702
in stainless steel with brown
calfskin strap

Limited edition of 750 watches in titanium, 750 watches in stainless steel · Mechanical chronograph movement · Self-winding · IWC-manufactured 69370 calibre (69000-calibre family) · 46-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 6 bar · Case height 15 mm · Diameter 42 mm

INGENIEUR PERPETUAL CALENDAR DIGITAL DATE-MONTH

REFERENCE 3817

REF. IW381701
in 18-carat red gold with black
alligator leather strap

Limited edition of 100 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89801 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Perpetual calendar · Large double-digit displays for both the date and month · Stopwatch function with hours, minutes and seconds · Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 12 bar · Case height 17.5 mm · Diameter 45 mm

INGENIEUR CHRONOGRAPH SPORT

REFERENCE 3809

REF. IW380901
in titanium with black
calfskin strap

Limited edition of 500 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Flyback function · Small hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 12 bar · Case height 15 mm · Diameter 44 mm

INGENIEUR CHRONOGRAPH

REFERENCE 3808

REF. IW380803
in 18-carat red gold with black
alligator leather strap

Mechanical chronograph movement · Automatic pawl-winding system · IWC-manufactured 69375 calibre (69000-calibre family) · 46-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Luminescent elements on hands and dial · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 12 bar · Case height 15 mm · Diameter 42 mm

INGENIEUR CHRONOGRAPH

REFERENCE 3808

REF. IW380802
in stainless steel with
stainless-steel bracelet

Mechanical chronograph movement · Automatic pawl-winding system · IWC-manufactured 69375 calibre (69000-calibre family) · 46-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Luminescent elements on hands and dial · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 12 bar · Case height 15 mm · Diameter 42 mm

INGENIEUR CHRONOGRAPH

REFERENCE 3808

REF. IW380801
in stainless steel with
stainless-steel bracelet

Mechanical chronograph movement · Automatic pawl-winding system · IWC-manufactured 69375 calibre (69000-calibre family) · 46-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Luminescent elements on hands and dial · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 12 bar · Case height 15 mm · Diameter 42 mm

INGENIEUR AUTOMATIC

REFERENCE 3570

REF. IW357003
in 18-carat red gold with black
alligator leather strap

REF. IW357002
in stainless steel with
stainless-steel bracelet

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Luminescent elements on hands and dial · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 12 bar · Case height 10.5 mm · Diameter 40 mm

INGENIEUR AUTOMATIC

REFERENCE 3570

REF. IW357001
in stainless steel with black
alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Luminescent elements on hands and dial · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 12 bar · Case height 10.5 mm · Diameter 40 mm

— SINCE 1868 —

MANUFACTURE

THE IWC PERPETUAL CALENDAR ALSO TAKES THE LEAP YEARS INTO ACCOUNT: THE CENTURY SLIDE SUPPLIED WITH THE WATCH WILL GO ON SHOWING THE YEAR CORRECTLY UNTIL 31 DECEMBER 2499

Schaffhausen is an island in Switzerland's watchmaking industry, because the vast majority of the country's manufacturers are based in the French-speaking part of the country. The manufacturer on the bank of the Rhine makes precision timepieces of lasting value, with a clear focus on technology and development. The company has established an international reputation on the strength of its passion for innovation and technical inventiveness. As one of the world's leading premium brands in the luxury watch segment, IWC manufactures masterpieces of Haute Horlogerie that combine precision engineering with exclusive design.

IWC fastidiously cultivates the centuries-old craft of watchmaking because respect for the tradition's pioneers also helps to guarantee the continuity of the Schaffhausen-based company. At IWC, however, traditional craftsmanship is not an end in itself. But when machines, no matter how precise, are no substitute for manual dexterity, IWC specialists equipped with delicate instruments are ready to step in with traditional craftsmanship: whether it is to assemble a movement, tune a minute repeater or tackle the assembly of a Portugieser Sidérale Scafusia, which takes several weeks. At the same time, the use of state-of-the-art technologies has been an IWC tradition since the company's earliest days. IWC was able to secure a decisive advantage over the competition at the end of the 19th century, thanks to a revolutionary idea of the American F. A. Jones: to use energy generated by Switzerland's largest hydropower plant at the time to drive the production machines of a watch factory. Ever since then, the focus at IWC Schaffhausen on the development and continuous improvement of its own watch movements, functional displays and cases has been an integral part of the company's philosophy. In-house movements and complications such as the perpetual calendar and constant-force tourbillon are not only historically significant achievements in the art of watchmaking, but also the fruits of the company's ongoing design and development efforts. In the course of its 149-year history, IWC has continuously expanded its production know-how, so that today the latest computer technology, scientific laboratories and CNC lathes and milling machines are part of everyday life in production. In short, at IWC high technology and craftsmanship are not a contradiction.

IWC Schaffhausen's steadily increasing expertise as a "manufacturer" is reflected not least in the increasing number of movements it designs and produces in-house. In the years ahead, these will be joined by further IWC-manufactured calibre families. The first of these was the 52000-calibre family that debuted in the new Portugieser collection in 2015. This was followed in 2016 by the 69000-calibre family, whose first member, the calibre 69370, is the powerhouse that drives all three new Ingenieur special editions. This long-term strategic process can also be seen in the company's personnel structure: since 2005, for example, the number of employees working in Research and Development has virtually doubled. In terms of production, IWC also continues to broaden its in-house spectrum. Whether wheels, shafts, bridges or plates, IWC's highly qualified staff are fully conversant with all the watch components that it makes sense to produce in Schaffhausen.

For the designers and construction specialists at IWC, the claim to excellence, "Probus Scafusia" – "Craftsmanship made in Schaffhausen" – which was first formulated in 1903, is not only an enormous challenge; it is also their great passion. Masters of their trade professionally assemble every IWC watch – each a fascinating showpiece of meticulous workmanship, functionality and design, each an outstanding example of the art of watchmaking at its very best.

BEFORE A WATCH FROM IWC TICKS FOR THE FIRST TIME

A new watch from IWC involves close co-operation between designers, construction engineers and marketing specialists. Their job is to set new trends while respecting the company's philosophy and traditions. When a new IWC watch is designed, not even the smallest detail is left to chance. The calibre and its function are as much the logical outcome of constructive teamwork as the dial and strap or bracelet, the positioning of the displays, the choice of materials and colours or the surface finish. Emotional aspects, too, play an important role: the way we feel when we touch a watch, how the push-buttons operate, or how it sounds when the crown locks into position.

A highly sophisticated assembly strategy, together with integrated quality control, helps to maintain IWC's high standards

Thanks to a sophisticated development and quality management system backed by an exacting inspection and testing programme, IWC is able to guarantee quality of the highest order. With the help of state-of-the-art scientific methods, every single part is tested for precision, resilience, temperature resistance, wear and tear and many other criteria. Computer simulations, X-ray analyses, high-speed cameras and laser metering instruments are among the technologies used. In this way, IWC can ensure that its watches will continue functioning and can be repaired for many years to come.

Comprising around 30 gruelling tests, a month-long inspection and testing programme simulates, in condensed form, everything that can happen to a watch. In the impact tests, the watch is shaken around in a small container for hours on end, subject to knocks and impacts from all sides at speeds of up to 5,000 times the acceleration of gravity. To check their resistance to abrasion, components exposed to extreme mechanical wear and tear such as rotating bezels, crowns and push-buttons undergo tough fatigue tests. Climate, corrosion and UV tests check the resistance of the watches to temperature extremes, saltwater and exposure to bright sunlight – and for all those situations in real life that cannot be simulated 100 per cent in the laboratory, the watches are exposed to everyday stresses and strains in practical testing. Depending on the model in question, these may include chopping wood, diving, playing golf or mountain biking. Only when the prototypes have passed stringent testing and a pilot run has revealed no more problems is the company ready to go into series manufacture, thus adding another fascinating chapter to the legend that is IWC.

In parts production, the plates and bridges are manufactured to tolerances of less than 10 micrometres using CNC milling machines before being decorated and finished by hand.

The assembly of a movement involves putting together the winding mechanism, train and escapement, as well as the subsequent "réglage", or precision adjustment of the timepiece. The most complex of these jobs is adjusting the escapement and aligning the balance spring: this is a high-precision manual task that no machine could ever carry out even remotely to the same high quality standards.

After this, highly skilled watchmakers in the complications department add on complications such as the perpetual calendar or split-seconds mechanism to the basic movement. In the special features department, watch movements are fitted with tourbillons and minute repeaters.

In case manufacturing and assembly, case parts are produced from pre-shaped blanks or machined on CNC lathes and milling machines to an accuracy of one hundredth of a millimetre.

THE QUEST FOR TECHNICAL PERFECTION IS PART OF THE COMPANY'S PHILOSOPHY

Milling machines are used to cut the horns for the strap or bracelet and the apertures for the crown and push-buttons into the casing rings and to create complex cases. Finally, precision manual finishing brings the surfaces up to IWC's high standards.

In the final assembly department, everything is carried out manually. Specialists position the dials and hands on top of the finished and adjusted movement or pivot, respectively. The movement is then secured to a casing ring or directly in the case and, finally, the winding stems are adjusted.

During the final inspection, movements in self-winding watches are rotated continuously over a period of 10 days while those with manual winding are fully wound every other day. Running-in gives the wheels and pinions a chance to adapt to each other perfectly, while the lubricant penetrates into all the right places. A watch's suitability for everyday use is tested one last time by fully winding the movement, measuring its accuracy, checking the functions and appearance, and confirming its resistance to air and water. This seamless quality assurance process guarantees every future owner of an IWC watch that the company rigorously upholds its legendary quality standards.

The in-house 52850 calibre shows the month, date and day; the rare combination of an annual calendar and 7-day movement is likely to make this complication from IWC even more interesting for watch connoisseurs

FROM THE JONES CALIBRE TO THE 69000-CALIBRE FAMILY

The company's excellent reputation was established right from the start with the very first Jones calibre named after the founder of IWC. Among other things, it featured a compensating balance, a Breguet spring and an elongated index to facilitate precision adjustment of the watch's rate. Towards the end of the 19th century, IWC used its 64-calibre ladies' pocket watch movement in its first wristwatches. The first movements designed specially for wristwatches – calibres 75 and 76 – followed in 1915. In 1939, the 74-calibre men's pocket watch was used in the first Portugieser wristwatches, which explains the unusually large size of the watch family to this day. It was a pocket watch, too, that from 1940 determined the size of the Big Pilot's Watch Calibre 52 T. S. C. It has remained the most voluminous wristwatch built in Schaffhausen to this day. In 1946, calibre 89, the first design to come from Albert Pellaton, IWC's Technical Director at the time, made a deep impression with its exceptionally precise rate. This was also the movement found in the legendary Pilot's Watch Mark 11 from 1948 onwards. Pellaton's masterpiece – IWC's first automatic movement featuring the winding system that still bears his name – appeared in 1950. It has been further developed and perfected over the years and features in many of the models in the latest collection. The Da Vinci, Reference 3750, was launched in 1985. Its perpetual calendar was mechanically programmed for the next 500 years. Theoretically, the watch will only need to be corrected by 1 day on three occasions in all this time. To achieve this, the calendar module developed by Kurt Klaus was superimposed on an existing chronograph movement. In the early 1990s, the engineers from Schaffhausen provided eloquent proof that they had mastered the full range of fine watchmaking skills to perfection. The first wristwatch-size Grande Complication, Reference 3770, featuring the automatic 79091-calibre movement, made its debut in 1990. This masterpiece, comprising 659 mechanical parts, appeared in its further improved form as Il Destriero Scafusia, Reference 1868, on the occasion of the company's 125th jubilee in 1993. In 2000, following 6 years' development, the in-house 5000 calibre heralded IWC's return as a manufacturer of top-quality watch movements. The large calibre, with its 7-day movement and automatic Pellaton winding system, was the basis of the 50000-calibre family, which is used today mainly to power the Portugieser and Pilot's Watch families. In 2005, the Ingenieur Automatic with the 80110 calibre heralded the new and unusually rugged 80000-calibre family. At the very same time, IWC Schaffhausen was working on its in-house 89360 calibre, which was first used in the Da Vinci Chronograph in 2007. From 2009 onward, a further-developed version, the 89800 calibre, became the driving force behind the first digital display of the day and month in large numerals. The 59000-calibre family, which is found in the Portofino Hand-Wound Eight Days, appeared in 2011. That very same year, the new 94000-calibre family, with manual winding and a constant-force tourbillon, marked another highlight in the fine art of watchmaking. The 94900 calibre powers the Portugieser Sidérale Scafusia, currently one of the most complicated watches in the world. The new 52000-calibre family made an impressive entrance in 2015, and a year later came the launch of the 69000-calibre family, which first appeared in the three Ingenieur Chronograph special editions. With these two new calibre families, IWC has once again successfully set new standards regarding the aspects of quality, robustness and reliability.

50000-CALIBRE FAMILY

52000-CALIBRE FAMILY

50000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency[a]	Jewels	Winding[b]	Power reserve	Date	Special features	References
51111	7.6 mm	37.8 mm	21,600 A/h / 3 Hz	42	S	7 days	X		5009, 5020
51900	8.9 mm	37.8 mm	19,800 A/h / 2.75 Hz	44	S	7 days	X	Tourbillon, retrograde date	5046

52000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency[a]	Jewels	Winding[b]	Power reserve	Date	Special features	References
52010	7.5 mm	37.8 mm	28,800 A/h / 4 Hz	31	S	7 days	X		5007
52610	9.0 mm	37.8 mm	28,800 A/h / 4 Hz	54	S	7 days	X	Perpetual calendar	5033, 5038
52615	9.0 mm	37.8 mm	28,800 A/h / 4 Hz	54	S	7 days	X	Perpetual calendar, double moon phase	5034
52850	9.0 mm	37.8 mm	28,800 A/h / 4 Hz	36	S	7 days	X	Annual calendar	5027, 5035

[a] A/h = alternances à l'heure = beats per hour [b] S = self-winding, H = hand-wound

59000-CALIBRE FAMILY

69000-CALIBRE FAMILY

59000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency[a]	Jewels	Winding[b]	Power reserve	Date	Special features	References
59210	5.8 mm	37.8 mm	28,800 A/h / 4 Hz	30	H	8 days	X		5101
59220	7.3 mm	37.8 mm	28,800 A/h / 4 Hz	30	H	8 days	X	Day & Date display	5162
59360	7.6 mm	37.8 mm	28,800 A/h / 4 Hz	36	H	8 days	X	Monopusher	5151
59800	7.3 mm	37.8 mm	28,800 A/h / 4 Hz	30	H	8 days	X	Moon phase display	5164
59900	8.2 mm	37.8 mm	28,800 A/h / 4 Hz	40	H	8 days	X	Hacking tourbillon, retrograde date	5165

69000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency[a]	Jewels	Winding[b]	Power reserve	Date	Special features	References
69370	7.9 mm	30 mm	28,800 A/h / 4 Hz	33	S	46 h	X	Chronograph	3807
69375	7.9 mm	30 mm	28,800 A/h / 4 Hz	33	S	46 h	X	Chronograph	3808

[a] A/h = alternances à l'heure = beats per hour [b] S = self-winding, H = hand-wound

80000-CALIBRE FAMILY

98000-CALIBRE FAMILY

89000-CALIBRE FAMILY

80000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency[a]	Jewels	Winding[b]	Power reserve	Date	Special features	References
80110	7.3 mm	30 mm	28,800 A/h/4 Hz	28	S	44 h	X		3291, 3580

98000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency[a]	Jewels	Winding[b]	Power reserve	Date	Special features	References
98900	4.7 mm	37.8 mm	28,800 A/h/4 Hz	21	H	54 h		Tourbillon	5463
98950	8.9 mm	37.8 mm	18,000 A/h/2.5 Hz	52	H	46 h		Minute repeater	5449

[a] A/h = alternances à l'heure = beats per hour [b] S = self-winding, H = hand-wound

89000-CALIBRE FAMILY

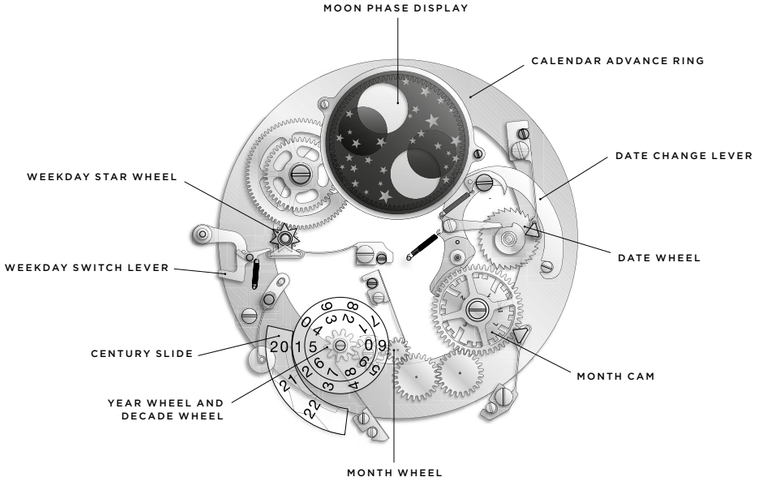
Calibre	Height	Diameter, basic movement	Frequency[a]	Jewels	Winding[b]	Power reserve	Date	Special features	References
89361	7.5 mm	30 mm	28,800 A/h/4 Hz	38	S	68 h	X	Chronograph, flyback function	3809, 3890, 3903, 3905, 3934
89365	7.5 mm	30 mm	28,800 A/h/4 Hz	35	S	68 h	X	Chronograph, flyback function	3795
89630	9.0 mm	30 mm	28,800 A/h/4 Hz	51	S	68 h	X	Chronograph, perpetual calendar, flyback function	3921
89760	8.4 mm	30 mm	28,800 A/h/4 Hz	39	S	68 h	X	Chronograph, flyback function, time zone function	3950
89801	9.9 mm	37 mm	28,800 A/h/4 Hz	51	S	68 h	X	Chronograph, digital perpetual calendar, flyback function	3791, 3794, 3817
89900	9.9 mm	30 mm	28,800 A/h/4 Hz	42	S	68 h	X	Chronograph, flyback function, hacking tourbillon, retrograde date	3931

[a] A/h = alternances à l'heure = beats per hour [b] S = self-winding, H = hand-wound

IWC COMPLICATIONS: MASTERPIECES OF HAUTE HORLOGERIE

IWC entered the world of independent complications in 1977: its first truly complicated timepiece was the Lépine pocket watch with a calendar and moon phase display. Many other complications from IWC followed directly. In 1985, IWC presented the invention of the century: the easily adjusted calendar from Kurt Klaus. Five years later, the company's engineers went one better with the Grande Complication. With 20 functions and displays, it brought together almost every wristwatch complication worthy of the name. In 1992, IWC unveiled its first split-seconds mechanism and, just a year later, the greatest of all complications, the flying minute tourbillon. On the occasion of the company's 125th jubilee, it was the crowning glory of a watchmaking triumph: Il Destriero Scafusia, in a limited edition of 125. In 1998, Kurt Klaus developed an unusually user-friendly world time module for the first UTC Pilot's Watch, which was later further improved for the Pilot's Watch Worldtimer and again for the Ingenieur Dual Time. After ongoing improvement, the mechanical depth gauge, first presented in 1999, is now to be found in the Aquatimer Deep Three from the Aquatimer collection. In 2009, IWC revived the tradition of the digital display first used in 1884 and unveiled date and month displays with large numerals. The company finally reached the zenith of Haute Horlogerie in 2011 with the Portugieser Sidérale Scafusia, featuring, among other things, a patented constant-force tourbillon, sidereal time display and sunrise and sunset time displays, together with a rotating sky disc with around 1,000 stars on the reverse side of the watch. In 2015, IWC Schaffhausen celebrated several new complications: for the first time, an IWC watch came with an annual calendar; the monopusher, a multifunctional pusher integrated in the crown, was used to start, stop and reset the chronograph; and the day and date display combined the large date window with a day display. Since 2016, the Timezoner has been the very first mechanical watch that can be set to another time zone with a simple turn of the rotating bezel. Finally, the year 2017 sees the debut of a hacking tourbillon, which permits the time to be set with down-to-the-second precision – a further complication to add to IWC's repertoire.

ANALOGUE DATE AND MOON PHASE DISPLAYS

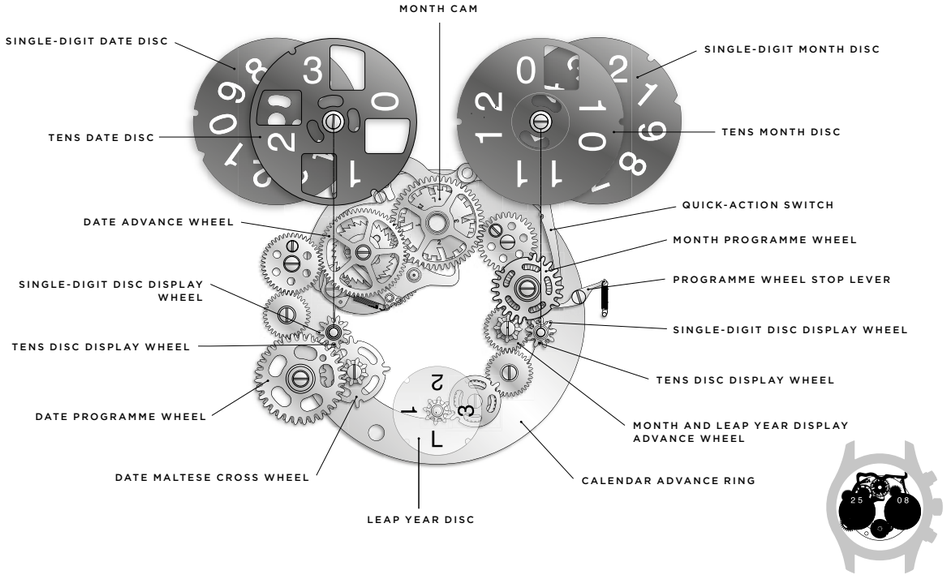


The calendar module of the Portugieser Perpetual Calendar. The century slide moves through an angle of 26 degrees – or by 1.2 millimetres – after 25.2 billion beats

Analogue date displays with hands have a long tradition in IWC watches featuring perpetual calendars. In the case of the Portugieser Perpetual Calendar, for instance, the date, day and month are to be found on three subdials and, thanks to the clear layout, are extremely easy to read.

The classic moon phase display with discs is usually found at “12 o’clock”. The Ingenieur Constant-Force Tourbillon is one exception and displays the double moon at approximately “1 o’clock”. The moon phase display used in the Portugieser Grande Complication is astonishingly accurate and deviates by just 0.002 per cent, or 1 day, in 122 years. The Portugieser Perpetual Calendar is even more precise. Larger moon phase wheels with a higher number of teeth reduce the deviation so drastically that a future inheritor of the watch would theoretically need to take it to a watchmaker to have it adjusted by only 1 day after 577.5 years.

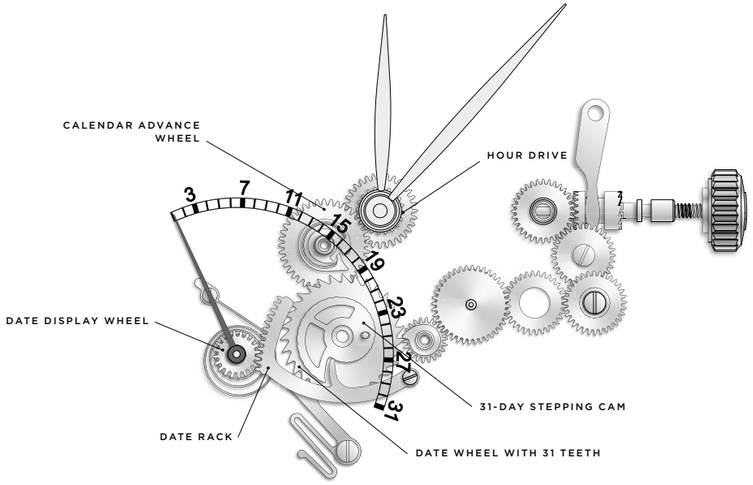
DIGITAL DATE DISPLAY



The Pilot’s Watch Perpetual Calendar Digital Date-Month Spitfire shows the day and month in large numerals

IWC produced the first “digital” watches in its history as early as 1884. These timepieces, known as Pallweber watches, displayed the hours and minutes using numerals, while the seconds were shown in analogue form with a hand. The digital calendar from IWC shows not only the date but also the month in large numerals. The energy required to advance the month display discs is built up continuously throughout the month by a quick-action switch. A spring-loaded lever on the quick-action switch is lifted a tiny bit further each day by a cam. At the end of the month, the tension in the spring has reached its maximum, and it is time for all that energy to be released; the quick-action switch jumps instantaneously to its starting position and advances both of the month display discs individually, or together, by one position, depending on the month. On 31 December, the leap year disc is also advanced at the same time.

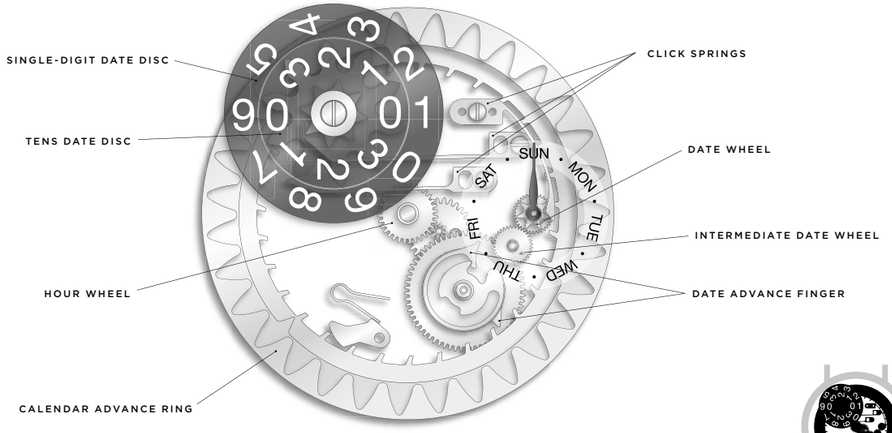
RETROGRADE DISPLAY



The spring of the date display wheel is tightened via the snail-shaped cam and its rack. After the 31 days have elapsed or – as shown here – on activation of the rapid-advance mechanism via the crown, the feeler on the rack jumps from the outer to the inner surface of the cam. The spring is no longer under tension and allows the date hand to jump back to “one”

In the retrograde date display, the hand jumps back automatically to “one” after the 31st of the previous month, which explains the complication’s name. In months with fewer than 31 days or when the watch has not been used for a while, the date display can be advanced rapidly using the crown and jumps back to the first of the month. This does not involve resetting the time.

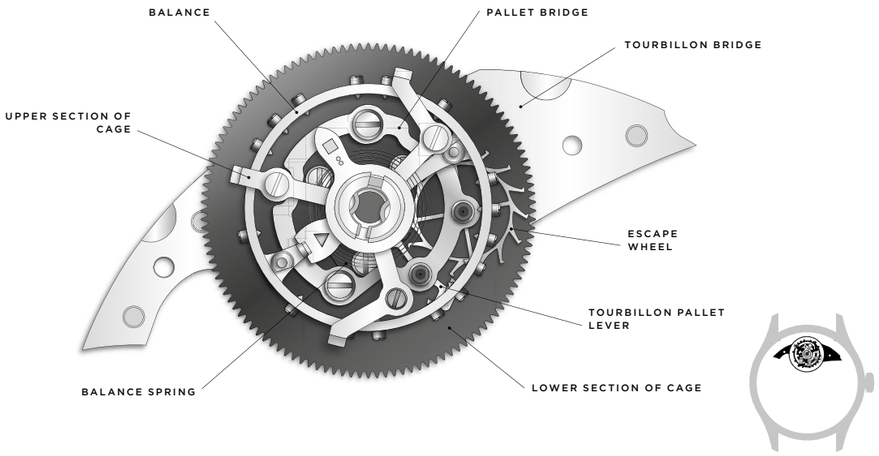
DAY & DATE DISPLAY



The Portofino Hand-Wound Day & Date combines the large date with the day display and considerably increases the watch’s practical use

While one of the discs indicates the tens of the months on a disc with figures from 0 to 3, the second one shows the single digits from 0 to 9. The additional day display is linked to the date advance. The date advance wheel and the date advance finger mounted on the wheel drive the large date and the day display. The date and day displays are set via the crown. The big date is corrected by rotating in one direction, and the day of the week by rotating in the other.

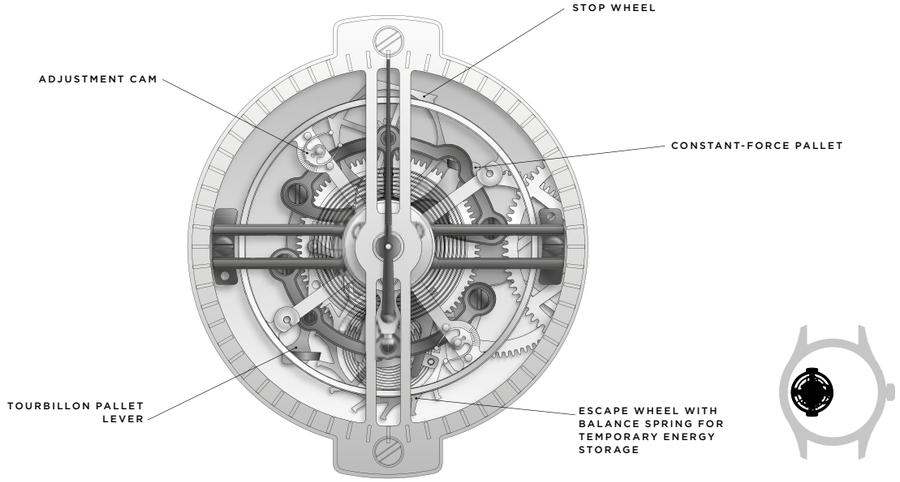
TOURBILLON



The tourbillon offsets gravitational errors by rotating around its own axis once every minute

The tourbillon – or, as it literally translates, the "whirlwind" – has long been considered the ultimate achievement in mechanical watchmaking. Originally, this most exclusive of all watch complications was intended to offset the gravitational error inevitable in an oscillating system with a balance. The solution: to put the balance, pallet and escape wheel in a tiny cage that would then rotate around its own axis once every minute. The construction of this mechanism represents an enormous watchmaking challenge, and results in a filigree work of art consisting of 82 parts. In the new Portugieser Tourbillon Mystère Rétrograde, the tourbillon at "12 o'clock" appears to come alive and is the focal point of the entire dial.

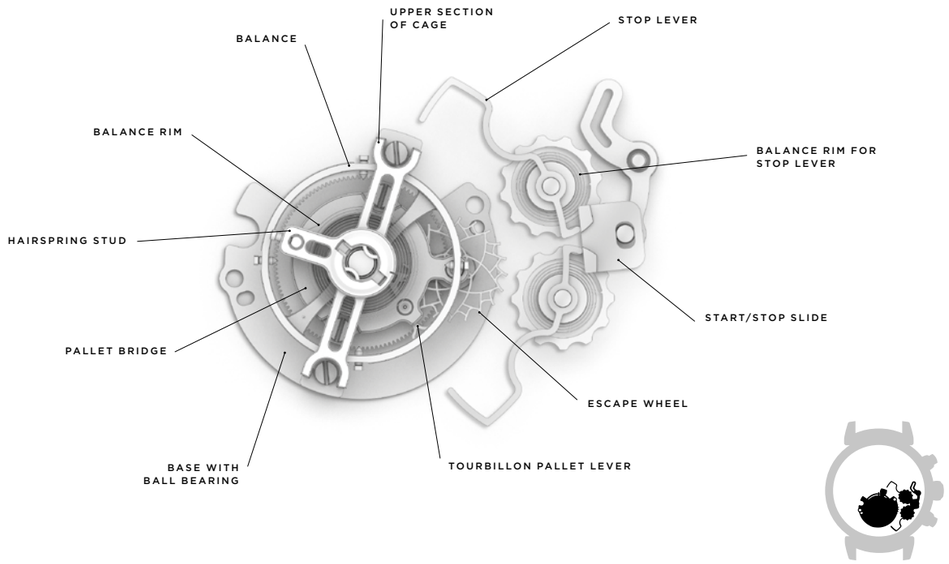
CONSTANT-FORCE TOURBILLON



The constant-force tourbillon elegantly combines two complications that serve to improve the watch's accuracy

For the Portugieser Sidérale Scafusia and the Ingenieur Constant-Force Tourbillon, IWC has integrated a patented constant-force mechanism into a tourbillon. It ensures that the amplitude of the balance – and thus the watch's accuracy – remain absolutely constant, initially by disconnecting the escapement from the direct flow of energy generated by the gear train. The energy is stored temporarily in an additional balance spring from where it is transferred to the escape wheel. The balance spring is put under tension once a second and, in the process, the seconds hand in the tourbillon advances in one-second jumps. This ensures an extremely regular and precise rate over a period of at least 48 hours. After approximately 2 days, the movement switches from constant-force mode to normal mode, as can be seen from the second hand, which now starts to advance at intervals of one-fifth of a second.

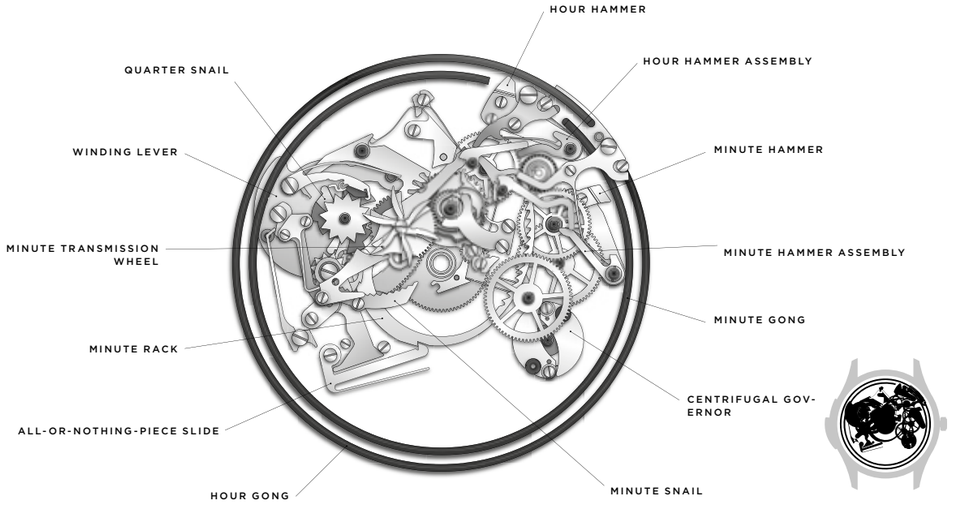
HACKING TOURBILLON



The cage of the hacking tourbillon is bearing-mounted only at one end, on the underside, and is not connected to an upper bridge

What is known as the “hacking tourbillon” permits down-to-the-second setting of the time via a newly designed system of levers. The result is a technically sophisticated and optically balanced complication. The fully fledged tourbillon was integrated to replace the small seconds at “6 o’clock”. By pulling out the crown, two levers grasp the balance rim and bring the balance and the entire train, including the seconds display of the chronograph, to a halt. This function enables setting the time with extreme accuracy. To compensate for the increased energy used by this newly designed tourbillon, the pallet and escape wheel are made of diamond-coated silicon, an extremely hard surface with good sliding properties, to reduce friction, making it possible to retain the original 68-hour power reserve when fully wound.

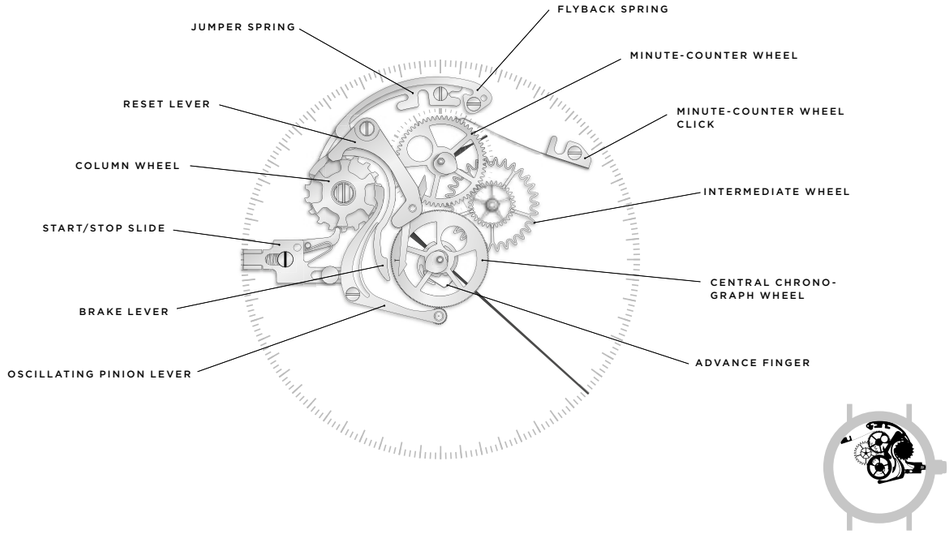
MINUTE REPEATER



The minute repeater chimes out the time in hours, quarters and minutes whenever required

It took 50,000 hours to develop the highly complex minute repeater strike train for the Grande Complication and the Portugieser Minute Repeater. It is operated by an eye-catching repeating slide on the left-hand side of the case and chimes out the time in crystal-clear tones: the hours on the lower-pitched of the two gongs, followed by a double strike on both gongs for the quarters and finally a single strike on the higher-pitched gong for the minutes. Each gong is individually handmade and then carefully tuned for pitch and tonal purity. The all-or-nothing-piece slide, as it is known, ensures that the mechanism will never chime out an incomplete – and thus incorrect – series of acoustic tones even if the repeating slide is released too early.

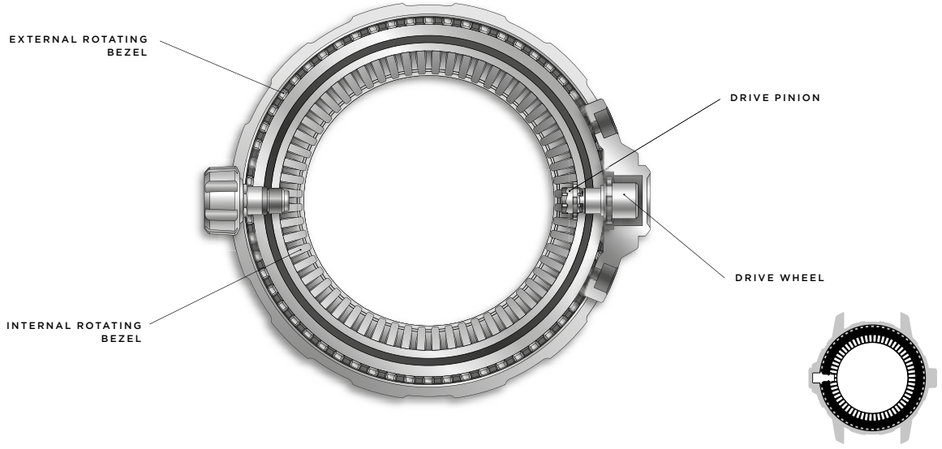
MONOPUSHER



The monopusher enables the chronograph to be started, stopped and reset to zero using a single multifunctional push-button

Pressing the button in the crown once starts the seconds and minute hand. Pressing on the start/stop slide causes the column wheel to rotate. The outer edge of the wheel controls the sequence of movements in the flyback, oscillating pinion and brake levers. The oscillating pinion engages with the central chronograph wheel and, with that, starts measuring the time. When the button is pushed for the second time, the chronograph stops, the brake lever holds the central chronograph wheel in position and the oscillating pinion disengages from the central chronograph wheel. When the button in the crown is pushed for the third time, the seconds and minute hands are reset to zero. At the same time, the reset lever presses on the cams for the minute-counter wheel and the central chronograph wheel, returning the display to its original position.

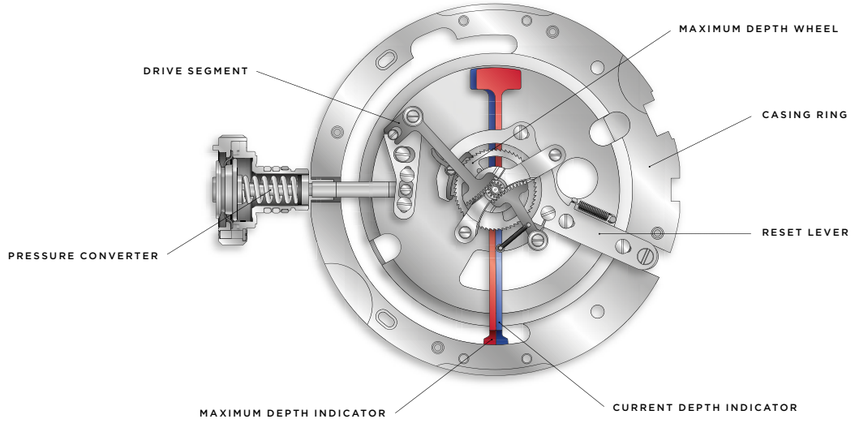
EXTERNAL/INTERNAL ROTATING BEZEL



The SafeDive system combines the advantages of an internal rotating bezel, which protects the mechanism against saltwater, dirt, etc., with the ease of use of an external rotating bezel, which engages precisely in one-minute steps. For safety reasons, the internal bezel only moves anticlockwise. If it is accidentally moved during a dive, the indicated start time is always earlier than the actual time and it is thus not possible to exceed the calculated dive end time

The rotational movement of the external rotating bezel is transmitted to the drive wheel through a crown wheel train. This conducts the rotational movement via an arbor to the inside of the case. If the external rotating bezel is rotated in an anticlockwise direction, the drive disc engages with the drive pinion. The pinion rotates the internal rotating bezel in an anticlockwise direction via a second crown wheel train in a fashion similar to the external rotating bezel. When the external rotating bezel is turned in a clockwise direction, the click-stop holds the drive pinion in position, and, at the same time, the drive disc glides over the saw-shaped toothing of the drive pinion. The internal rotating bezel remains positioned precisely to the minute. Two sealing elements in the sliding clutch system prevent the penetration of water and sand.

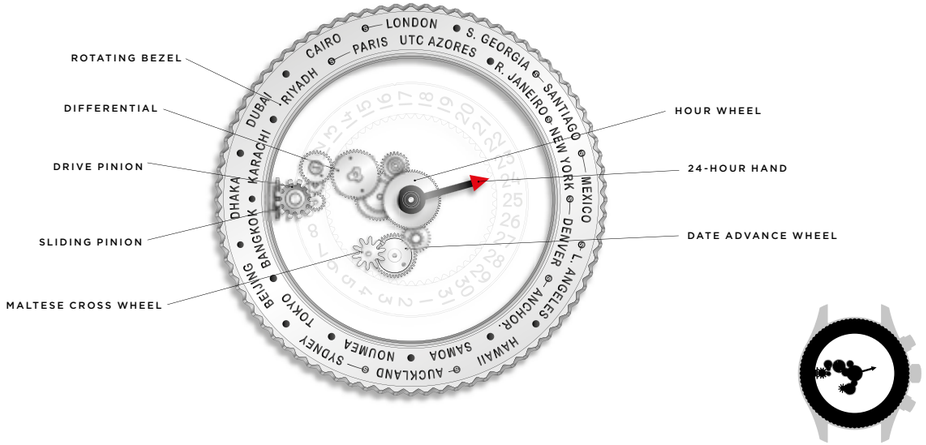
DEPTH GAUGE



With its depth gauge mechanism, the Aquatimer Deep Three is able to display the current and the maximum depth during a dive (down to 50 metres)

The pressure-metering system of the further-developed depth gauge mechanism is housed in a pressure converter on the left-hand side of the case. Water pressure acts on a spring membrane via the pressure converter and pushes a shaft towards the interior of the case. This movement is transmitted through a system of levers and moves the gauge's two indicators at the centre of the watch. While the blue depth indicator moves to show current dive depth, the red maximum depth indicator remains at the maximum depth attained in the course of the dive; a pawl prevents it from returning to its original position. The maximum depth indicator can be reset to zero by pressing a push-button.

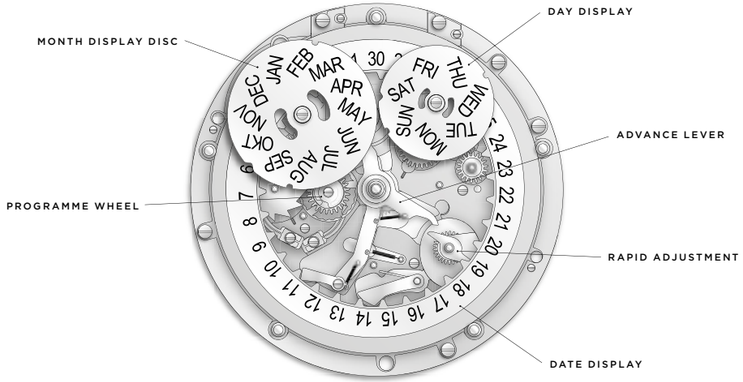
TIMEZONER



A simple twist is all it takes to set the watch for another time zone: press the rotating bezel, turn it to the desired time zone, and release

The names of 24 cities are shown on the rotating ring, with each name standing for one of the international time zones. The countries with daylight saving time are identified on the rotating bezel by a small "s". The "UTC" inscription below "London" represents the current coordinated world time. The rotating bezel (city ring) currently shows London standard time, 5 a.m. (24-hour display); it is the 25th of the month (date display). To set the watch to a new time zone, press the rotating bezel with your thumb and index finger, turn the desired time zone to "12 o'clock" (during summertime to the small "s" before the name of the city) and release. It is important to exert pressure on the bezel on two opposite sides to release the locking mechanism cleanly and move the bezel in both directions. The movement of the rotating bezel is transmitted to the hour wheel, the 24-hour hand and the date advance wheel, with the result that all three displays are advanced or turned back an hour at a time. The differential gearing (in the wheel train between the rotating bezel and hour wheel) is the heart piece of the mechanism. It ensures that the hour hand continues to move forwards and enables the one-hourly jumps when the time zone is changed.

ANNUAL CALENDAR



Located at “12 o’clock” on the dial, IWC’s annual calendar shows the month, date and day in three separate windows

The hour wheel sets in motion the date advance wheel, which is equipped with two different advance fingers. One of the fingers is responsible for the date and month displays, the other for the weekday. Every night, at midnight, the date is moved forward with the help of the upper advance finger. The month display and the programme wheel that defines the various lengths of the months are controlled by two pins on the date disc. The first of these pins advances the programme wheel by one division. Thirty-day months are recognized by a feeler on the advance lever. The feeler registers a deeper insert on the programme wheel and makes more space available for the advance. The following day, the advance lever ensures that the date moves forward by 2 days. The mechanism automatically takes into account the differing lengths of individual months but not the leap days in February or the leap years. Once a year, then, at the end of February, it requires manual correction via the crown.

IWC CASES: EXQUISITE MATERIALS AND EFFECTIVE PROTECTION

CASE MATERIAL

Only the very finest metals are used in IWC watch cases. Of all these, platinum, a discreet, rare and heavy metal with a fineness of 95 per cent, is the purest.

Gold, timeless and of lasting value, is the embodiment of luxury and elegance. For its gold cases, IWC uses 18-carat gold, containing 75 per cent of the pure metal. Since pure gold would be too soft for use in a watch case, it is alloyed with other metals, which also gives it the desired colour: palladium for white gold, or silver and copper for red gold. Stainless steel is an extraordinarily robust material and, when used in IWC cases, exceptionally resistant to corrosion.

In 1980, IWC became the first watchmaking company to launch a chronograph in a titanium case. Apart from their attractiveness as design features, titanium and titanium alloys are particularly suitable for cases and bracelets because they weigh approximately 50 per cent less than stainless steel and are totally corrosion-resistant, very hypoallergenic and nonmagnetic. The new Big Pilot's Heritage Watch 55 and Big Pilot's Heritage Watch 48 are equipped with a titanium case. IWC also pioneered the use of ceramic for the watch industry and, in 1986, released the first Da Vinci in a coloured zirconium oxide case. No other group of materials is able to withstand such high temperatures or such mechanical and chemical extremes. And in 2013, IWC first used titanium aluminide (TiAl) as a case material. This alloy of titanium and aluminium is lighter and tougher than pure titanium and has a darker surface colour.

Another new addition in 2013 was carbon, a high-tech material that is widely used in motor racing and is not only extremely light but also very robust. In 2014, IWC used bronze as a case material for the first time ever. That same year, IWC unveiled yet another new material: the case of the Pilot's Watch Chronograph Edition "The Last Flight" is made of extremely light and at the same time robust silicon nitride ceramic. With similar impact resistance qualities, it is only half the weight of zirconium oxide and even lighter than titanium.

In 2017, IWC introduces the new and patented material Ceratanium®. It is made of a titanium alloy whose surface undergoes a specific form of heat treatment and is converted into a ceramic layer. This so-called diffusion layer grows on the surface and is not a coating in the conventional sense. As a result, Ceratanium® is particularly resilient and scratch-resistant and in addition about 33 per cent lighter than steel.

PROTECTION AGAINST MAGNETIC FIELDS

Many models from the Pilot's Watches and Ingenieur families provide the movement with optimum protection against the effects of external magnetic fields in the form of a soft-iron inner case. The dial, casing ring and inner back plate are made from iron and are particularly adept at conducting magnetic flux lines around the movement. This ensures that the watch's rate remains as accurate as possible even in magnetic fields.

WATER-RESISTANCE

The glass, case, seals and back cover of the watch offer effective protection against water, dust and other external influences. The water-resistance of IWC watches is shown in bar and not in metres. By way of explanation: an IWC watch with an indicated water-resistance of 1 bar is protected against water splashing. With water-resistance of 3 bar, the watch can be worn when swimming or skiing, and at 6 bar it will have no problem with water sports or snorkelling. Diver's watches with an indicated water-resistance of 12 to 20 bar are professional measuring instruments designed for scuba-diving. Special diver's watches resistant to 100 bar or, as in the case of the Aquatimer Automatic 2000, 200 bar, are suitable even for deep-sea diving.

GLASSES

IWC attaches enormous importance to the suitability of its watches for everyday use. For this reason, the material exclusively used in its current models for front glasses and see-through back covers is sapphire glass. With a hardness of 9 on Mohs' scale, it is harder than any other type of glass and topped only by diamond. The glass is made of synthetically manufactured sapphire, which makes it extremely scratch-resistant and less sensitive to impact than quartz (Mohs 7) or apatite (Mohs 5). Many of the sapphire glasses are convex. There are some case designs for which IWC uses convex glass with a distinctly arched edge (also known as "crossed-out" glass). The antireflective coating reduces glare and gives the wearer a crystal-clear view of the dial.

SINCE 1980, IWC SCHAFFHAUSEN HAS HOUSED THE MOVEMENTS OF SELECTED MODELS IN A TITANIUM CASE. THIS HIGH-TECH MATERIAL WAS ALSO USED FOR THE INGENIEUR DOUBLE CHRONOGRAPH. THE CASE EFFECTIVELY PROTECTS THE MOVEMENT EVEN IN EXTREME SITUATIONS

IWC BRACELETS AND STRAPS

The elegant alligator leather and calfskin straps made exclusively for IWC by Italian shoe manufacturer Santoni are among the finest work of their artisan craftsmen. One of the secrets of Santoni's success is the nuanced shading of the leather. Elaborately finished by hand, every single strap has an exquisite patina-like shimmer with its own individual colour tones. The technique makes leather look as if it had already been lovingly cared for over a period of several years despite the fact that it is brand new. To achieve this effect, the surface of the leather is polished with a variety of different pastes until it has the desired shading and a perfect sheen. Another hallmark Santoni feature is the orange lining on the inner surface of the strap.

A lot of our watches, especially from the Portugieser, Portofino, Da Vinci and Pilot's Watches family, are complemented with these leather straps by Santoni. The Portofino 37 mm models are available optionally with Santoni alligator leather straps or high-quality Milanaise bracelets in stainless steel or 18-carat red gold in an elegant sixties-inspired style. New to the IWC range since 2016 are straps made of embossed calfskin that are reminiscent of the green textile strap style echoed in the nylon straps used for many years with the Mark 11. Now the calfskin straps are reserved for the TOP GUN line and the TOP GUN Miramar models. Embossed calfskin is more resilient and considerably more rugged than nylon.

IWC metal bracelets have a mechanism that permits wearers to adjust the length of the bracelet themselves by adding or removing individual links. The metal bracelets found on the Pilot's Watches and the Ingenieur Chronograph Racer are equipped with a special fine-adjustment clasp that enables the wearer to slightly alter the length of the bracelet at any time. All it requires is gentle pressure on the button with the IWC logo at the centre of the cover on the clasp and a slight tug or push on the bracelet. This is an easy way to compensate for slight variations in wrist girth and makes the watch more comfortable to wear. New this year are the elegant luxury stainless-steel bracelets found on some of the Pilot's Watches: three rows of links are satin-finished and two polished, giving the bracelet a high-quality feel.

The patented IWC bracelet quick-change system for the Aquatimer collection makes changing from a steel bracelet to a rubber strap or vice versa quick and simple. The bracelet is pushed into the locking bar from the top and engages audibly. To release, press the lever on the underside of the bracelet outwards with your thumb and push the bracelet upwards.

A selection of alligator leather straps from Santoni

— 1868 —

THE COMPANY'S FOUNDATION

AN F. A. JONES CALIBRE, NAMED AFTER IWC'S FOUNDER, CIRCA 1875

Roaring masses of water plunge over the rocky cliffs of the world-famous Rhine Falls. A few kilometres upstream, in Schaffhausen, the Rhine glides at a leisurely pace past the workshop windows of IWC. Here, over 140 years ago, a company began a fascinating story that continues to be written up to the present day.

American engineer and watchmaker Florentine Ariosto Jones learnt the watchmaker's trade from scratch. While still a young man, he was appointed deputy director and production manager of the E. Howard Watch & Clock Company in Boston, which was then a leading American watchmaker. At that time, the American market appeared to have a virtually insatiable hunger for quality watches and its production methods were among the most modern in the world. What it lacked was skilled, qualified local labour, and this led to rising wages. By contrast, the conditions prevailing in Switzerland for American watch manufacturers were almost perfect: low wages, a plentiful supply of skilled craftsmen and enormous production capacity. At the tender age of 27, Jones crossed the Atlantic Ocean, planning to combine the excellence of Switzerland's craftsmen with modern engineering from abroad and a generous helping of pioneering spirit in order to make top-quality watches for the American market. The locals in Geneva and the remote valleys of the Jura in French-speaking Switzerland, however, reacted sceptically to his proposal. Since the 17th century, they had been working from their homes or in tiny workshops. Jones, on the other hand, was dreaming of building a modern factory with centralized production.

At this time, Schaffhausen, at the north-eastern tip of the country, could look back on a long clockmaking tradition. The first mechanical timepiece ever mentioned in the records was made way back in 1409 at the Rheinau monastery, 10 kilometres further down the Rhine. It had been produced for the Church of St. John in Schaffhausen. There are also official records of a clockmakers' guild in the town from 1583, and it was home to the famed Habrecht family of clockmakers, who built one of history's most outstanding astronomical clocks for Strasbourg Cathedral. Nevertheless, it was Jones's plan to manufacture relatively large numbers of high-quality watches internally to precisely the same tolerances, which enabled the watches made in Schaffhausen to become famous all over the world.

PRECISELY THE RIGHT PLACE AND THE RIGHT TIME FOR THE MAN FROM BOSTON

In Schaffhausen, Jones found all he needed to turn his plans into reality, including a hydro station powered by the Rhine. The energy it harnessed was transmitted directly, via shafts and long cables, to the newly built factory and supplied the power needed to drive the machines. The railway line to Schaffhausen had been completed in 1857, so it was no wonder that the town was enjoying an economic boom. For the man from Boston, it was a case of being in precisely the right place at the right time and, in 1868, F. A. Jones founded his watch company – the International Watch Co. (IWC).

Watch assembly at IWC around 1900: watchmaking has always demanded the same all-round expertise and manual dexterity

FACTS AND SERVICES

An IWC watch is a masterpiece of engineering expertise and precision mechanics. It is finished, assembled, adjusted and timed by hand at IWC's workshops in Schaffhausen using all the skill and finesse of traditional watchmaking. Only when this complex manual process is completed does the intricate mechanism comprising hundreds of parts come to life and its heart begin to beat. The evenly spaced oscillations of the balance divide the day up with meticulous precision into 86,400 seconds and ensure that time passes at the same regular pace day after day, year in, year out – and for many generations.

The mechanical watch works uninterruptedly and is exposed to extreme stresses and strains in the course of the day. Like any precision mechanical instrument, it therefore requires regular care and attention. IWC's team of watchmakers are among the best of their métier worldwide. With know-how, painstaking precision and passion, the company's watchmakers – all of whom have undergone many years of training – engage in service and maintenance work on the iconic timepieces from the workshop in Schaffhausen. Their devotion and attention to detail guarantee the best-possible service.

They not only have precision tools and technology to assist them but can also draw on many years of experience and expertise in the demanding field of Haute Horlogerie. With a practised eye, steady hand and infinite patience, they devote all their energy to the complicated mechanical watches made by IWC. In the course of their work, they can draw on comprehensive documentation of all IWC References since the company's foundation in 1868 as well as a large spare parts store containing millions of original, top-quality components.

Apart from the company headquarters in Schaffhausen, customers also have a worldwide network of over 25 official service centres and a large number of IWC boutiques and IWC authorized dealers at their disposal. Owners can thus rest assured that they will be able to wear their cherished timepieces for decades to come – displaying the time as precisely and as reliably as the day when they left IWC's workshops.

THE DEVOTION AND ATTENTION TO DETAIL OF IWC'S WATCHMAKERS GUARANTEE THE BEST-POSSIBLE SERVICE

An all-round final inspection guarantees that every single watch from IWC will function flawlessly

SUSTAINABILITY AT IWC SCHAFFHAUSEN

The principle of sustainability is one of IWC's top priorities. Our goal is the sustainable, long-term manufacture of high-quality products that makes optimum use of resources while respecting social concerns. For IWC, acting responsibly means acting considerately, sustainably and with foresight. This is expressed in our attitude to employees, society, the environment and procurement.

IWC IS PART OF A STRONG COMMUNITY

IWC has deep roots in the town of Schaffhausen in north-eastern Switzerland, the location of the company's foundation and its headquarters. The watch manufacturer sponsors many social, cultural and sporting activities in the region and encourages its employees to make a voluntary contribution to its sustainable development. IWC also supports ecological and social projects worldwide. This commitment manifests itself in the partnerships that IWC has been cultivating for many years with a variety of different institutions.

Since 2005, IWC has been a Global Partner of the **Laureus Sport for Good Foundation,** which uses the power of sport to bring about social change. Through more than 150 global projects, Laureus is spreading the universal message that sport has the power to change the world.

Laureus Sport for Good Foundation

Antoine de Saint-Exupéry Youth Foundation

Charles Darwin Foundation

The French **Antoine de Saint-Exupéry Youth Foundation** upholds the humanist and spiritual legacy of the great French writer and aviation pioneer. This foundation promotes education for children who, for various reasons, grow up in difficult environments. It has had a cooperation agreement with IWC since 2005.

The **Charles Darwin Foundation (CDF)** is an international non-profit organization that focuses on the protection of the Galapagos Islands, mainly by way of its scientific work. IWC has helped sponsor the foundation since 2009.

The **Cousteau Society,** founded in 1973, continues the scientific work of the famous marine researcher Jacques Cousteau and is committed to protecting maritime life. IWC has worked with the foundation since 2004.

IWC ALSO SUPPORTS ECOLOGICAL AND SOCIAL PROJECTS WORLDWIDE

Cousteau Society

IWC AND SYSTEMATIC ENVIRONMENTAL PROTECTION

Thanks to its rigorous environmental management, IWC has adopted a leading role in environmental protection. The company covers its entire energy needs at headquarters using green hydroelectricity and has been CO_2-neutral since 2007. IWC compensates for emissions that cannot be eliminated entirely by making voluntary payments into promising environmental projects.

EVERY COMPANY HAS BOTH A SOCIAL AND AN ECOLOGICAL RESPONSIBILITY

The modern, ecological design of the IWC headquarters in Schaffhausen has kept energy consumption per square metre at the same level as back in 2002. Overall, there has been a reduction of over 10 per cent in CO_2 emissions at headquarters in the past four years. In company-owned premises, IWC uses groundwater and waste water as alternative energy sources. In addition, the company has installed optimally insulated glass facades, a rainwater collection system for the sanitary facilities and a modern ventilation system to reduce energy consumption. The photovoltaic system installed in 2013 and the use of two electrically powered vehicles introduced in 2014 make another important contribution.

IWC uses paper, all of which comes from sustainable forests, as sparingly as possible. Logistics and transport are regularly reassessed to ensure efficient use of resources. Another aspect of sustainability is sensitizing employees to the importance of environmental topics. For this reason, IWC employees receive subsidized season tickets for public transport or a contribution towards the purchase of a low-emission vehicle.

IWC IS COMMITTED TO SUSTAINABLE SOURCING

When sourcing raw materials, IWC strives to obtain the highest possible quality. Equally important is adherence to social and ecological standards. This applies not only to IWC but also to its suppliers, who are required to meet the same environmental and social standards. IWC is an officially certified member of the Responsible Jewellery Council (RJC), an international non-profit organization. Accredited members are obliged to establish strict guidelines all the way down the value chain as regards ethical, social and environmental practices, and to guarantee the upholding of human rights.

Another example of responsible behaviour towards natural resources is the protection of animals living in the wild. IWC has eschewed the use of leather from threatened, wild reptile species for many years and acts in accordance with the Washington Convention on International Trade in Endangered Species (CITES).

IMAGES

Burki & Scherer AG, Oftringen · Goodbye Limits GmbH, Zurich · Heinz Hasler, Schaffhausen · I-réel, Paris · IWC Schaffhausen, Schaffhausen · Valentin Jeck, Uerikon · Michael Muller, Los Angeles · Reproscan Group AG, Ottenbach · Hans-Ruedi Rohrer, Zurich · Felix Streuli, Langnau a/A · Creative Syndicate, Paris · 3DExcite, Munich

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TECHNICAL INFORMATION

Technical and other specifications may change without notice, and all models and product lines are subject to availability. The information provided here refers either exclusively to the model named or is of a general nature. In view of the high level of manual craftsmanship involved, it should be noted that all the specifications are subject to production tolerances.

The illustrations in this catalogue may show watches with customized or special features that are available only at additional cost upon request.

Not all the watches in this catalogue are shown in their original sizes. For printing-related reasons, there may be deviations in the colours of the watches illustrated. The stamp shown on the inside of the Santoni leather straps may also differ from the original. It should also be noted that, when natural materials are used (e.g. leather), differences in colour and appearance cannot be excluded. Natural materials are not suitable for use in and under water.

The position of tool recesses and engravings on screw-in back covers may vary from watch to watch.

The "jewels" used in wristwatches (often referred to as "rubies" because they are mostly red in colour) are not genuine precious stones. Designed to reduce friction and mechanical wear and tear, they are made of industrial-standard sapphires, usually rubies. They are used for bearings, levers and detents as well as parts of the escapement and the balance and spring, but are also found in certain parts specific to automatic movements, chronographs and minute repeaters. Synthetically manufactured rubies have practically the same physical and chemical properties and are similar in colour to naturally occurring rubies, but their purity and a more homogeneous crystalline structure give them certain advantages. Depending on the density, hardness, and resistance to pressure and abrasion required, "jewels" may be used that are different from synthetic rubies and/or synthetically manufactured functional jewels. This is due to the materials employed and can create colour differences that result in whitish or transparent stones, for example. As regards their physical and chemical properties, these "jewels" are similar to natural rubies and, after cutting and polishing, have the same surface characteristics.

The number of "jewels" shown on an IWC movement refers to all its synthetically manufactured functional jewels. Nowadays, it is technologically possible to make gears, cams and other movement parts from classical stones, but these components are not counted with the jewels.

Ceratanium® is made of a titanium alloy whose surface undergoes a specific form of heat treatment and is converted into a ceramic layer. This so-called diffusion layer grows on the surface and is not a coating in the conventional sense. As a result, Ceratanium® is particularly resilient and scratch-resistant. It is about 33 per cent lighter than steel and very skin-friendly.

Ceratanium® is a trademark of Richemont International AG, a Swiss company, and is registered in many jurisdictions worldwide.

* IWC Schaffhausen is not the owner of the Glucydur® and Super-LumiNova® trademarks.

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Taking pride in protecting the environment.

IWC

SCHAFFHAUSEN