CRAFTSMANSHIP MADE
IN SCHAFFHAUSEN

COLLECTION 2015/2016

IWC AUGMENTED EXPERIENCE

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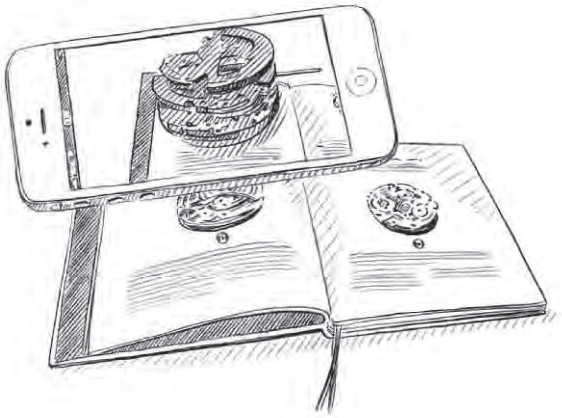

Open the IWC EXPERIENCE APP and point your
camera at this symbol. The application will begin
immediately after you scan the symbol

In this Annual Edition, IWC Schaffhausen presents an augmented reality catalogue.
You can watch exclusive clips about the watch lines and access complex 3-D animations that open
up the mysterious world of IWC's in-house mechanical movements and complications.

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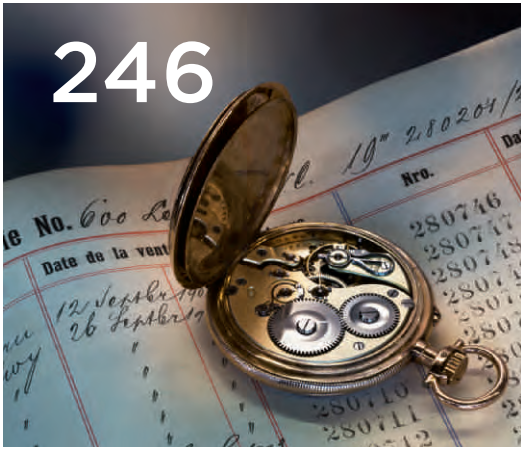


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75 YEARS OF THE PORTUGIESER

With the 75th anniversary of the Portugieser (Portuguese), IWC is celebrating this iconic timepiece. The Portugieser is not only one of the oldest and best-known watches from IWC Schaffhausen, but also its most prestigious; the jewel in the crown of the company's watch collection. The simple, classic design of the first model was well ahead of its time. In terms of precision, its pocket watch movement set a new benchmark while establishing the trend towards the larger wristwatches so popular in the watch industry today. With sophisticated complications and in-house calibres, the Portugieser line has for many years embodied the company's expertise as a manufacturer of watch movements.

But the centrepiece of the Year of the Portugieser is the newly designed, IWC-manufactured 52000 calibre family, which has already been selected for four models in the latest Portugieser collection. The movements set new technical and aesthetic standards and are a further demonstration of the high level of vertical integration at IWC Schaffhausen. Part of this development is a complication that, until now, was not part of IWC's repertoire: the annual calendar. It is now found in the eponymous Portugieser. Already a well-known feature from the Da Vinci, Pilot's Watch, Ingenieur and Aquatimer families, the digital calendar has also been embraced by the Portugieser line in the form of the Portugieser Perpetual Calendar Digital Date-Month Edition "75th Anniversary". In addition to this is a revamped dial design, ergonomic improvements to the case geometry of the Portugieser models and the use of arched-edge sapphire front glass.

Thanks to its outstanding in-house technology, iconic design and impressive history, the Portugieser is a masterpiece of haute horlogerie that continues to inspire watch lovers across the world.

Discover the fascinating new products in the 2015 IWC watch collection. We wish many hours of inspiring and exciting reading with our new Annual Edition.

Yours
IWC Schaffhausen

THE COMPANY'S FOUNDATION

Watch assembly at IWC around 1900:
since time immemorial, the art of watchmaking
has called for skill and manual dexterity

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

——— Roaring masses of water plunge over the rocky cliffs that make up 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 story that is still being written today.

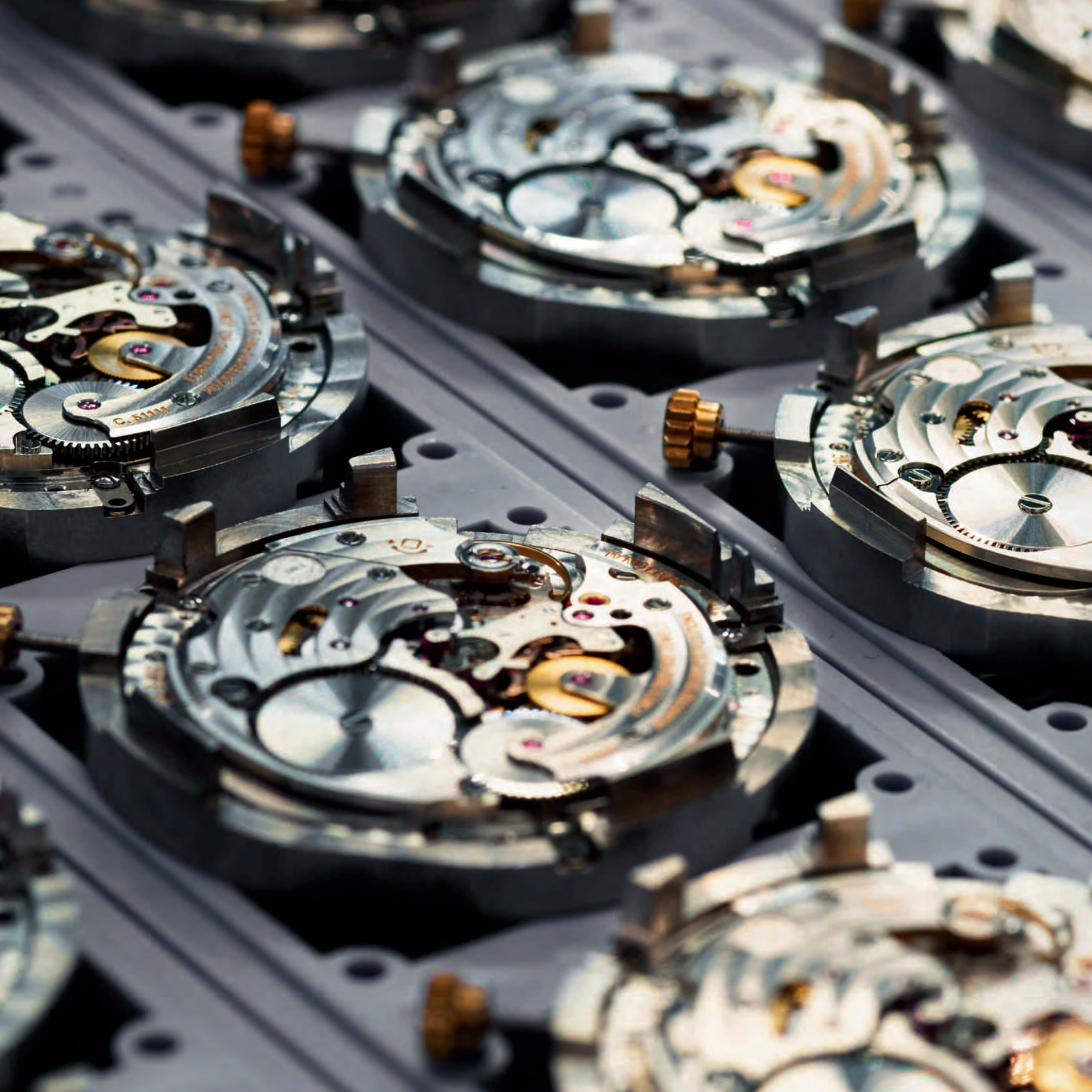
American engineer and watchmaker Florentine Ariosto Jones learnt the watchmaker's trade from scratch. While still a young man, he was appointed deputy director and production manager of the E. Howard Watch & Clock Company in Boston, which was then a leading American watchmaker. At that time, the American 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 an 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 reflect on a long watchmaking tradition. The first mechanical clock 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 these watches made in Schaffhausen to become famous all over the world.

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).

An example of an F. A. Jones calibre, named after IWC's founder, approximately 1875




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

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

——————— Schaffhausen is an island in Switzerland's watchmaking industry, because the vast majority of the manufacturers are based in the French-speaking part of the country. The company on the bank of the Rhine makes precision timepieces of lasting value, with a clear focus on technology and development. It 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 creates masterpieces of haute horlogerie that combine precision engineering with exclusive design.

IWC fastidiously pursues 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, a task that takes many months to complete. At the same time, the use of state-of-the-art technologies has been an IWC tradition since the company's earliest days: at the end of the 19th century, the company's American founder Florentine Ariosto Jones's revolutionary idea of using water power from the Rhine to drive the production machines of a watch factory gave IWC a decisive advantage over the competition. The development and continuous improvement of IWC-manufactured watch movements, functional displays and cases has been part of IWC's philosophy ever since. 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 fruit of the company's current design and development efforts. In the course of its 147-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 do not constitute a contradiction.

IWC Schaffhausen's steadily increasing watchmaking expertise is reflected not least in the increasing number of movements it designs and produces in-house. In the years ahead, the company plans to add more IWC-manufactured calibre families, starting with the 52000-calibre family, which celebrated its debut this year in the new Portugieser (Portuguese) collection. 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 the movement research and development department has virtually doubled. In terms of production, IWC also continues to broaden its in-house spectrum. Whether wheels, pivots, bridges or plates, the company's highly qualified staff are able to manufacture all watch components in-house.

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 one a fascinating showpiece of meticulous workmanship, functionality and design; each one an outstanding example of the art of watchmaking at its very best.

A whole team of specialists is involved in the development of a new watch:
engineers, watchmakers, technicians and designers

BEFORE A WATCH FROM IWC TICKS FOR THE FIRST TIME

The birth of any new IWC watch is the product of close cooperation between designers, construction engineers and marketing specialists. Their job is to launch trends while at the same time having regard to the company's philosophy and traditions. During the design of a new IWC watch, not even the smallest detail is left to chance. The calibre and its function are as much the logical outcome of constructive teamwork as 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.

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. The advanced scientific methods used include computer simulations, X-ray-based material analyses, high-speed cameras and laser measuring instruments. The result is an IWC watch that will continue to run and can be repaired for many, many years.

A month-long testing and inspection programme including around 30 tests simulates, in condensed form, just about everything that can happen to a watch. In the impact tests, the watch is shaken around in a small container for hours on end, subjected to knocks and impacts from all sides at forces of up to 5,000 g. In order to check their resistance to abrasion, components subject to high mechanical wear and tear such as rotating rings, crowns and push-buttons undergo tough fatigue tests. Climate, corrosion and UV tests examine the watch's resistance to extreme temperatures, salt water and strong sunlight. And for all those situations in real life that cannot be simulated 100 percent in the laboratory, watches are exposed to the stresses and strains of everyday life in practical tests. 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, thereby adding another fascinating chapter to the legend that is IWC.

In parts production, the plates and bridges are machined to an accuracy of 10 micrometres with the help of the 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 – 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 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 lathe and milling machines to an accuracy of one-hundredth of a millimetre. 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 watch assembly department, everything is done by hand: 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 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.

For further information, please visit WWW.IWC.COM/MANUFACTURE


PROBUS
IWC
SCAFUSIA
POWER-RESERVE

The IWC-manufactured 52850 calibre shows the month, date and day.
The rare combination of an annual calendar and 7-day calibre should make this latest complication from the House of IWC even more fascinating for watch connoisseurs

FROM THE F. A. JONES CALIBRE TO THE NEW 52000-CALIBRE FAMILY

The company's excellent reputation was established right from the start with the very first F. A. Jones calibre named after the founder of IWC. Its many outstanding features included 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 – the 75 and 76 calibres – followed in 1915. In 1939, the men's pocket watch 74 calibre was used in the first Portugieser (Portuguese) wristwatches, which explains the unusually large size of the watch family to this day. From 1940 onwards, another pocket watch movement determined the dimensions of the most voluminous wristwatch IWC has ever built, the 52 T.S.C., which gives the Big Pilot's Watch its characteristic deck watch qualities. In 1946, the 89 calibre, the first design to come from IWC's Technical Director of the time, Albert Pellaton, 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, whose perpetual calendar was mechanically programmed for the next 500 years. 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 Grande Complication, Reference 3770, wristwatch featuring the automatic 79091-calibre movement made its debut in 1990. This masterpiece comprising 659 mechanical parts underwent further improvement in the Il Destriero Scafusia, Reference 1868, to mark the company's 125th anniversary. 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 foundation for the 50000-calibre family, which is used today mainly to power the Portugieser and Pilot's Watch families. In 2005, the Ingenieur Automatic, fitted with the 80110 calibre, marked the entrance of the new and unusually rugged 80000-calibre family. Parallel to this, IWC Schaffhausen was working on its in-house 89360 calibre, which was first used in the Da Vinci Chronograph in 2007. From 2009 onwards, a further developed version, the 89800 calibre, became the driving force behind the first digital display of the day and date in large numerals. The 59000-calibre family, which is found in the Portofino Hand-Wound Eight Days, appeared in 2011. That 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 IWC-manufactured 94900 calibre requires the power of two separate barrels to drive a timepiece that is currently one of the world's most complex, the Portugieser Sidérale Scafusia. In 2015, the new 52000-calibre family marks the start of a new wave of in-house movements from IWC. As integral parts of the current Portugieser watch family, the 52010, 52610, 52615 and 52850 calibres combine impressive technical innovations with new design elements.

THE NEW 52000-CALIBRE FAMILY

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
52615	9.0 mm	37.8 mm	28,800 A/h / 4 Hz	54	S	7 days	X	Perpetual calendar, double moon phases	5034
52850	9.0 mm	37.8 mm	28,800 A/h / 4 Hz	36	S	7 days	X	Annual calendar	5035

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

50000-CALIBRE FAMILY

59000-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, 5019
51614	9.1 mm	37.8 mm	21,600 A/h / 3 Hz	62	S	7 days	X	Perpetual calendar, double moon phases	5029
51900	9.0 mm	37.8 mm	19,800 A/h / 2.75 Hz	44	S	7 days	X	Tourbillon, retrograde date	5046

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
59215	5.8 mm	37.8 mm	28,800 A/h / 4 Hz	30	H	8 days	X		5102
59230	7.3 mm	37.8 mm	28,800 A/h / 4 Hz	30	H	8 days	X	Large date display	5161

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

80000-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		3224, 3225, 3580

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	3785, 3878, 3880, 3904, 3905
89365	7.5 mm	30 mm	28,800 A/h / 4 Hz	35	S	68 h	X	Chronograph, flyback function	3795, 3878, 3880
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, 3972
89802	9.9 mm	37 mm	28,800 A/h / 4 Hz	51	S	68 h	X	Chronograph, digital perpetual calendar, flyback function	3792

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

94000-CALIBRE FAMILY

98000-CALIBRE FAMILY

94000-CALIBRE FAMILY

Calibre	Height	Diameter basic movement	Frequency[a]	Jewels	Winding[b]	Power reserve	Date	Special features	References
94800	7.7 mm	37.8 mm	18,000 A/h / 2.5 Hz	43	H	96 h	X	Double moon phases, constant-force tourbillon	5900
94900	11.8 mm	37.8 mm	18,000 A/h / 2.5 Hz	56	H	96 h	X	Astronomical display, constant-force tourbillon	5041

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

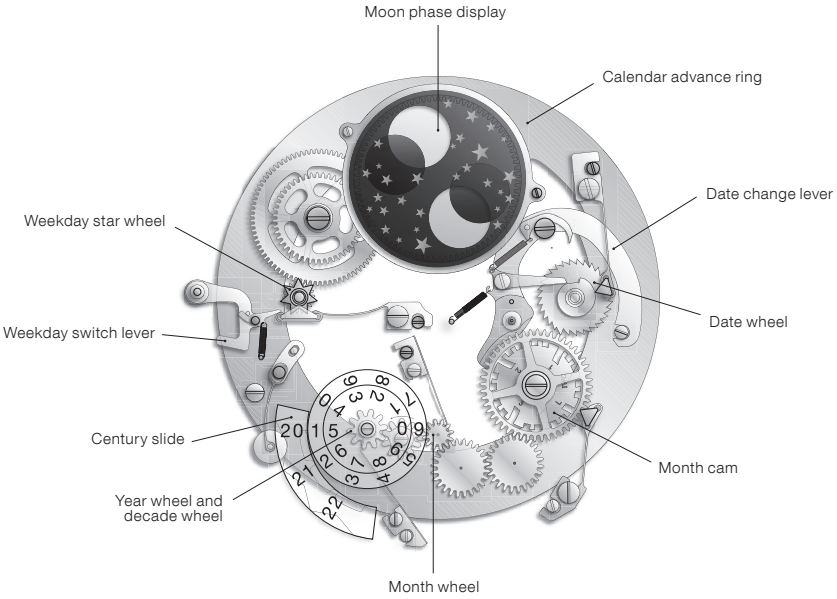
[a] A/h = alternances à l'heure = beats per hour [b] S = self-winding, H = hand-wound

IWC COMPLICATIONS: MASTERPIECES OF HAUTE HORLOGERIE

IWC entered the world of independent complications in 1977: its first truly complicated timepiece was the open-face pocket watch with a calendar and moon phase display. Many other complications from IWC followed directly. In 1985, the company presented the invention of the century: the perpetual 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 complication worthy of the name. In 1992, IWC launched its first split-seconds mechanism and, just a year later, the greatest of all complications, the minute tourbillon. On the occasion of the 125th corporate anniversary, it graced one of watchmaking's superlatives: Il Destriero Scafusia, a timepiece limited to just 125 watches. In 1998, Kurt Klaus developed an unusually user-friendly world time module for the first UTC Pilot's Watch, which was further improved for the Pilot's Watch Worldtimer and again for the Ingenieur Dual Time in the current collection. 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 digits. The company finally reached the zenith of haute horlogerie in 2011 with the Portugieser Sidérale Scafusia, which features, among other things, a patented constant-force tourbillon, sidereal time display, sunrise and sunset time displays, together with a rotating sky disc with around 1,000 stars on the reverse side of the watch. This year sees the appearance of IWC's first watch with an annual calendar.

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



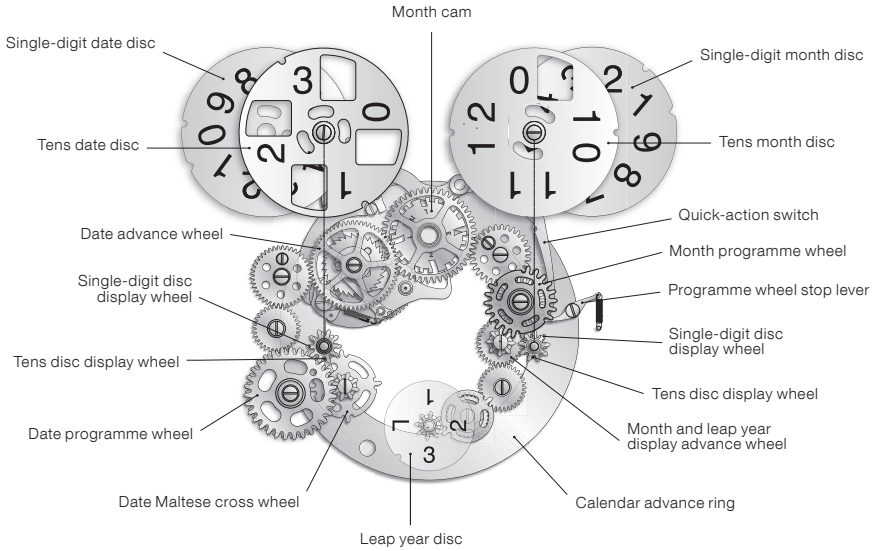
Analogue date displays with hands have a long tradition in IWC watches featuring perpetual calendars. In the case of the Portugieser Perpetual Calendar, for instance, the date, day and month are to be found on three subdials and, thanks to the clear layout, are extremely easy to read.

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

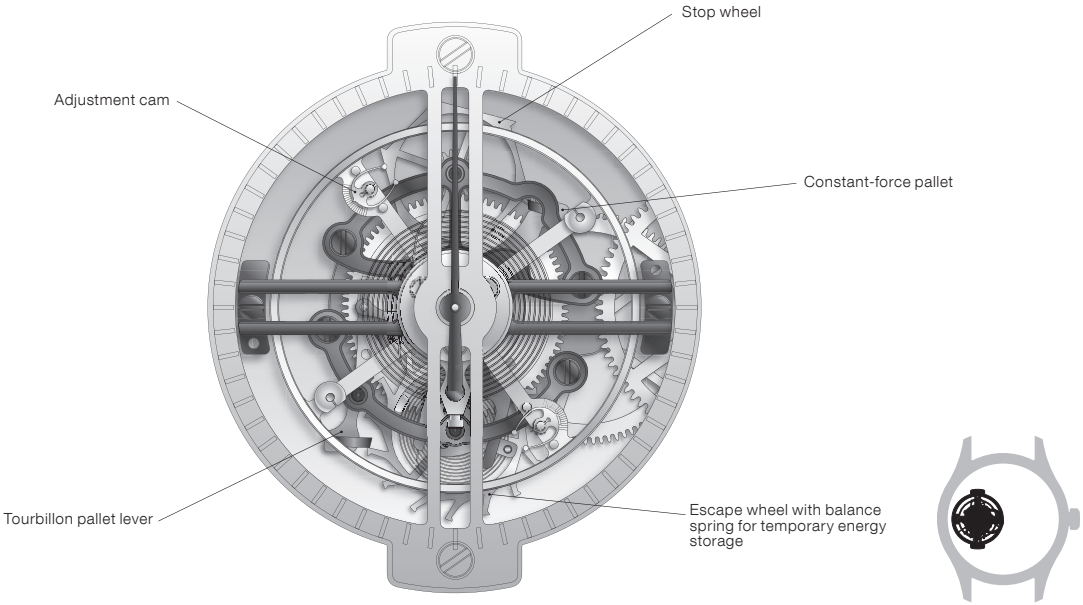
The Portugieser Perpetual Calendar Digital Date-Month Edition "75th Anniversary" shows the date and month in large numerals



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 state-of-the-art Perpetual Calendar Digital Date-Month movement, which is now likewise found in the Portugieser (Portuguese) family, 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.

CONSTANT-FORCE TOURBILLON

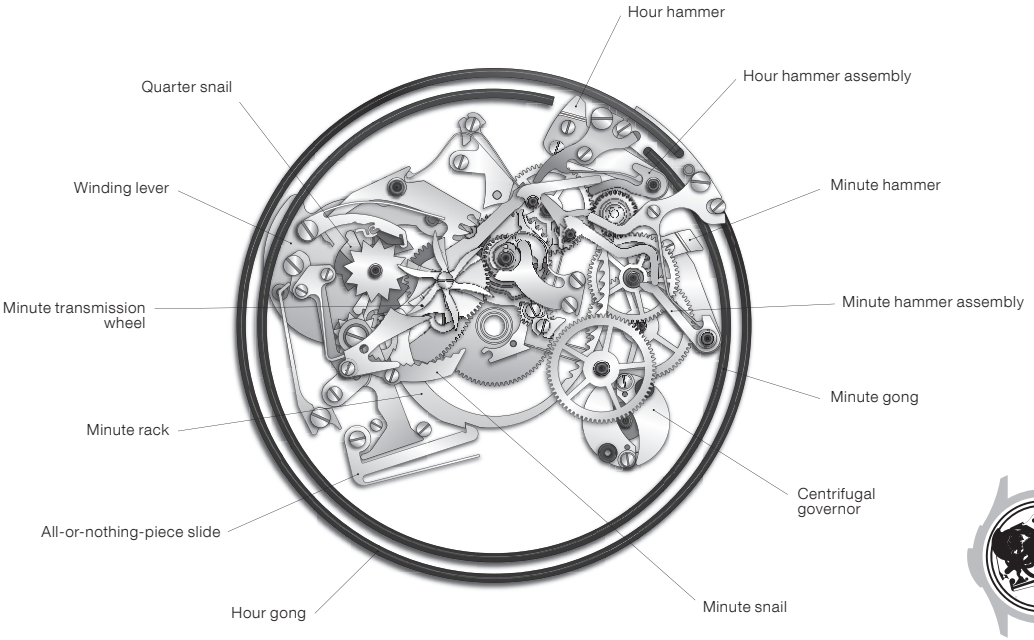
The constant-force tourbillon elegantly combines two complications that serve to improve the watch's accuracy



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.

MINUTE REPEATER

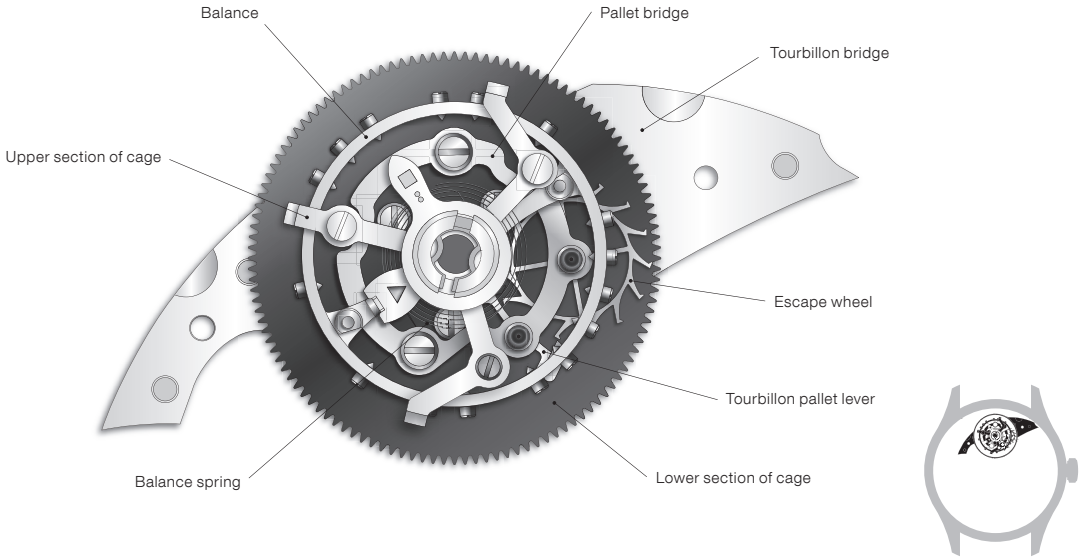
The minute repeater chimes out the time in hours, quarters and minutes whenever required



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.

TOURBILLON

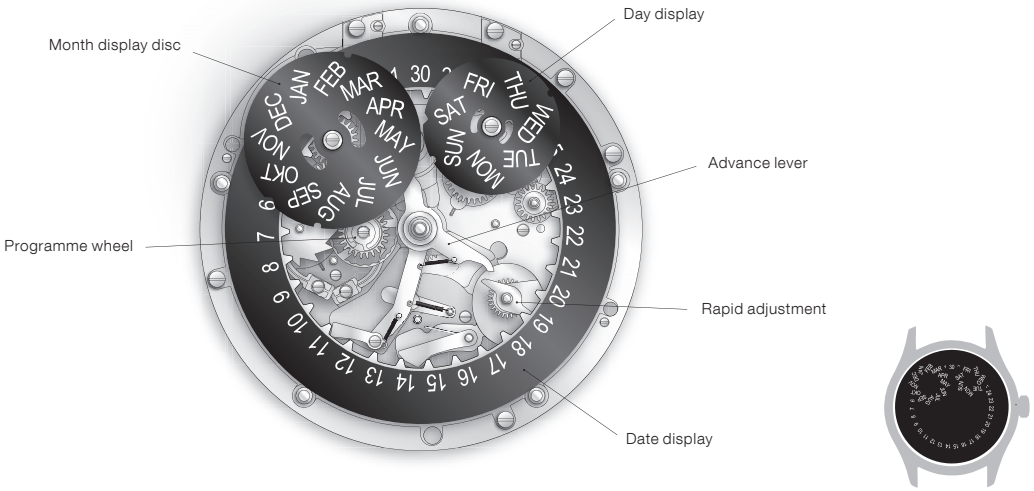
The tourbillon mechanism, a filigree construction consisting of 82 parts



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 challenge, and results in a filigree work of art consisting of 82 parts. In the Portugieser Tourbillon Mystère Rétrograde, the tourbillon at "12 o'clock" appears to come alive and is the focal point of the entire dial.

ANNUAL CALENDAR

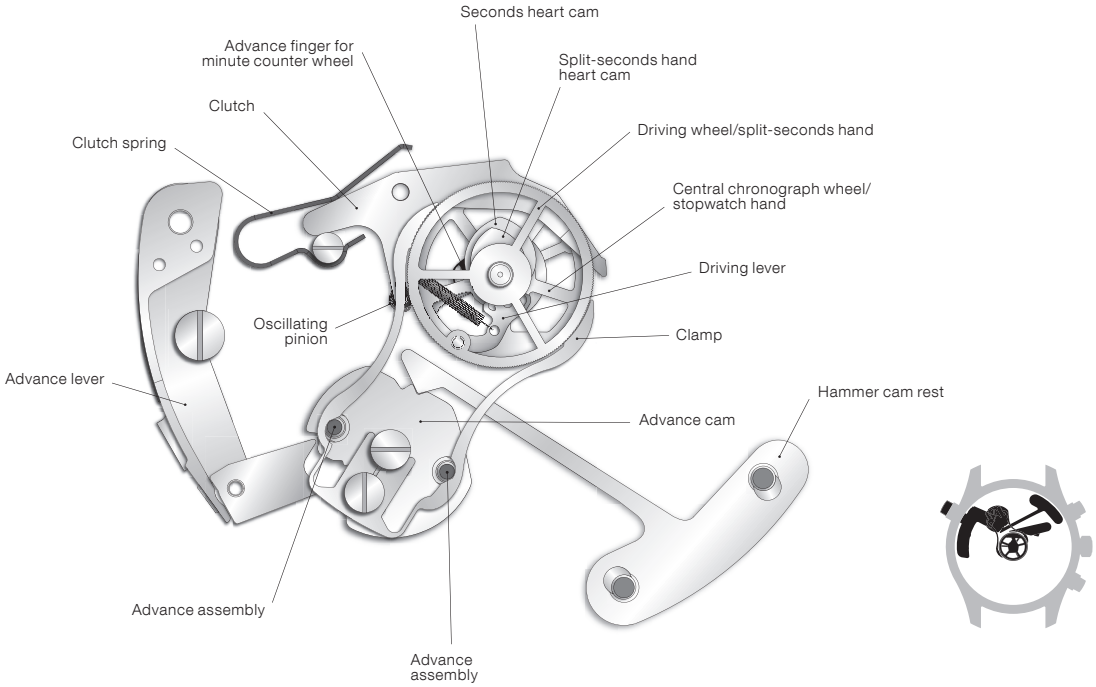
IWC's annual calendar not only shows the month and date; there is also a day display located at "12 o'clock" on the dial



Located at "12 o'clock" on the dial, IWC's annual calendar shows the month, date and day in three separate windows. The mechanism automatically takes into account the differing lengths of individual months. Unlike a perpetual calendar, however, the annual calendar is unable to make allowance for the leap days in February or the leap years. Once a year, then, at the end of February, it requires manual correction. In the case of IWC's annual calendar, the correction is made simply, via the crown. 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, towards midnight, the date is moved forward with the help of the upper advance finger. Two pins on the date disc control the month display and the programme wheel that defines the various lengths of the months. The first of these pins advances the programme wheel by one division. A feeler recognizes 30-day months 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 moves the date forward by 2 days.

RATTRAPANTE

In a split-seconds mechanism, the split-seconds hand can be stopped at any time and then synchronized with the chronograph hand by pushing the button again



The word “rattrapante” describes the split-seconds hand on a chronograph, which catches up with the primary chronograph hand. Unlike a standard chronograph, the split-seconds chronograph has two hands that start simultaneously. The rattrapante, or split-seconds hand, which is superimposed on the stopwatch hand, can be stopped independently using a third push-button at “10 o’clock”, while the stopwatch hand continues to run. This permits the user to record two separate times, precisely to the second, within any given minute. If the third push-button is pushed again, the split-seconds hand instantaneously catches up and is synchronized with the stopwatch hand. It is then possible to record a new intermediate time.

WORLDTIMER

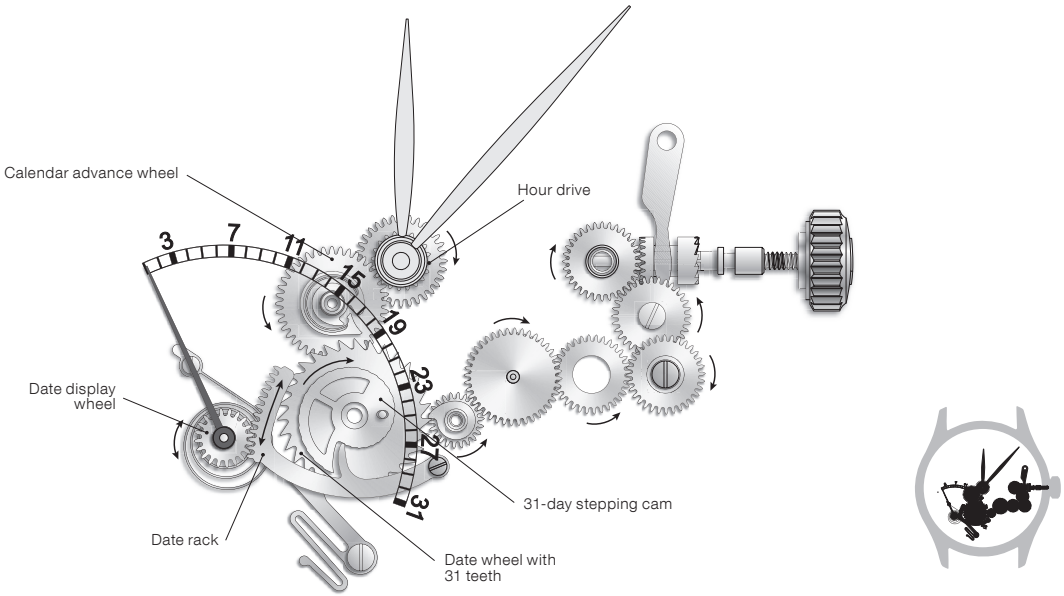
The Worldtimer complication in the Pilot's Watch Worldtimer provides a rapid overview of the various time zones. The rotating 24-hour ring is set once to the current time UTC using the crown and then continues to run independently of the local time

On the 24-hour ring, all 24 time zones can be seen at a glance. To make it easier to distinguish between night and day, the ring is divided into black and white sections. The red UTC lettering below London shows Universal Time Coordinated, while the international DATE LINE is depicted opposite. Each of the 23 place names on the external city ring represents a time zone. Standard time can be seen centred below the city name. Some of the cities have an additional index with a white dot to indicate that, apart from standard time, they also have daylight saving time. During the daylight saving time period, this can be simply read off below the dot connected to the index. In the illustration, we see 1 a.m. standard time in London, 5 a.m. standard time in Dubai, and 11 a.m. daylight saving time in Sydney. The dial and hands (not illustrated here) show current local time. If the wearer passes through one or several different time zones, the time can be turned back or advanced in one-hour steps via the crown to show the new local time, even when crossing the International Date Line. The date simply moves in sync with the jumping hour hand. If the local time on the dial is altered, the movement continues to run during the changeover.

In the Ingenieur collection, the Ingenieur Dual Time indicates a second local time of the wearer's choice on the outer 24-hour ring. Its mechanism is as user-friendly as the Worldtimer's.

RETROGRADE DISPLAY

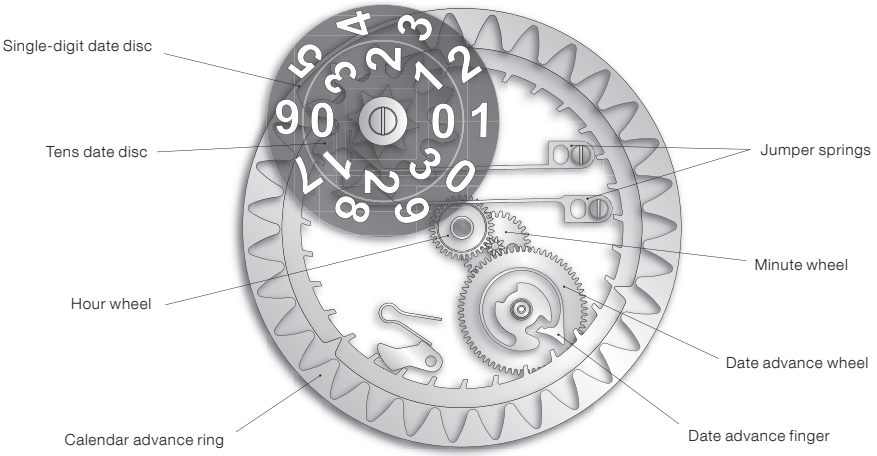
The spring of the date display wheel is tightened via the snail-shaped cam and its rack. After the 31 days have elapsed or – as shown here – on activation of the rapid-advance mechanism via the crown, the feeler on the rack jumps from the outer to the inner surface of the cam. The spring is no longer 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. This unusual type of display not only gives the wearer a very special feel for time; unlike a classic date disc, it has the additional advantage that the flying tourbillon in the Portugieser Tourbillon Mystère Rétrograde is not concealed by a date disc. Finally, but also importantly, the moment at the end of each month when the large hand reverts instantaneously to its starting position is a remarkable event in itself.

LARGE DATE DISPLAY

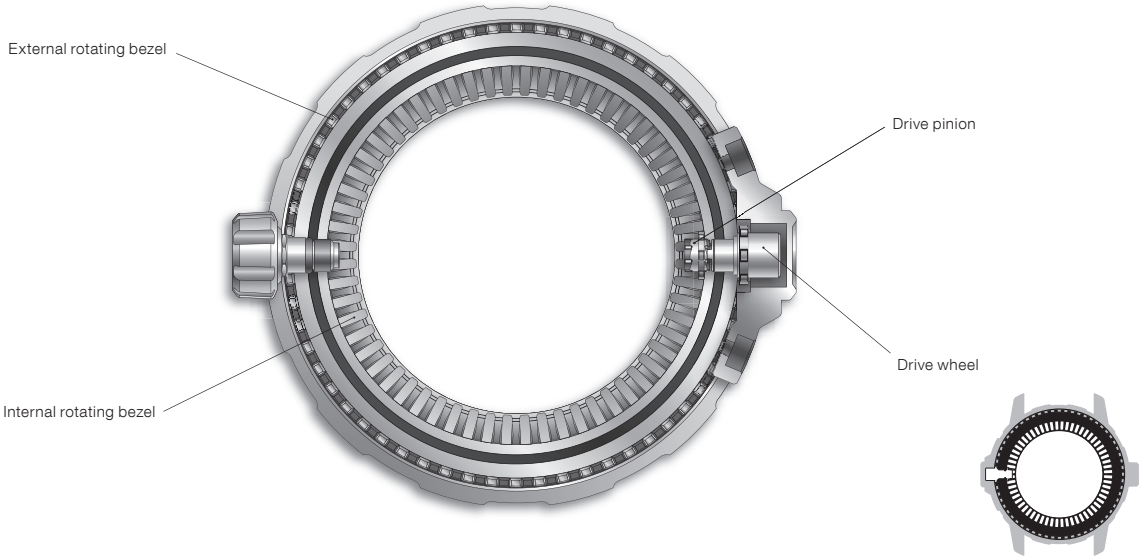
The large date display features in the eponymous Portofino Hand-Wound



The highly legible date display module requires few additional components. The date advance wheel completes one full revolution per day. A flexible date advance finger on the date advance wheel moves the calendar advance ring with its 31 teeth forward by one tooth every 24 hours. The calendar advance ring is the key component in the mechanism: all the functions take place on three different levels above it. On the top level, a pinion drives the single-digit date disc. At one point on the calendar advance ring there is a gap in the teeth to ensure that the single-digit disc is not advanced when the calendar switches from the 31st of one month to the 1st of the next. On the intermediate level, the tens date disc is moved forward four times in the course of the month: once for each change to the next series of ten and, finally, once more for the move back to 01. The lowest level is the interface to the date advance wheel. Both the single-digit and tens date discs are held in position by jumper springs and centred in the date window of the dial.

EXTERNAL/INTERNAL ROTATING BEZEL

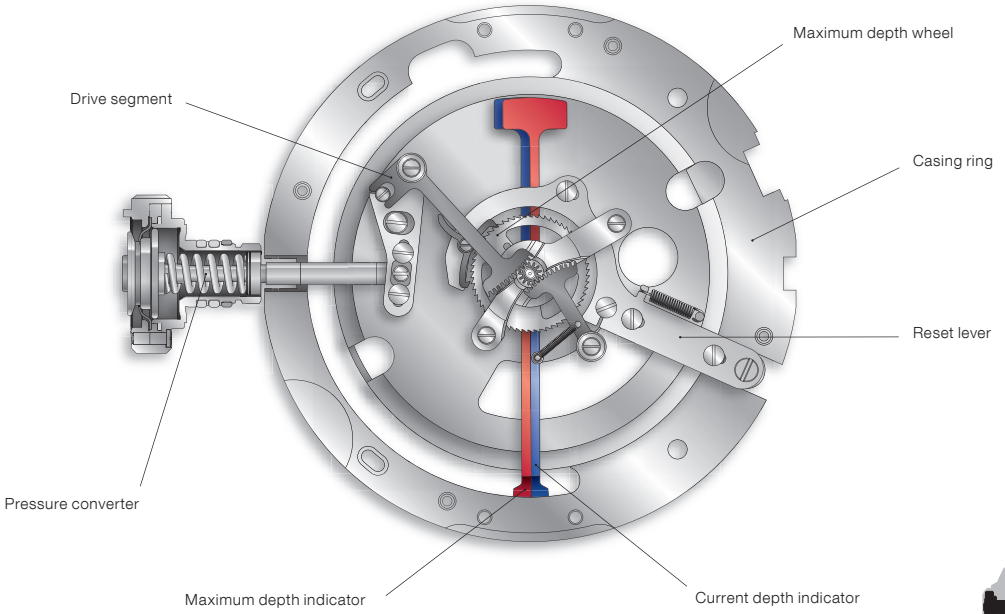
The rotational movement of the external rotating bezel is transmitted to the drive wheel through a crown wheel train. This conducts the rotational movement via an arbor to the inside of the case. If the external rotating bezel is rotated in an anticlockwise direction, the drive disc engages with the 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



The SafeDive system combines the advantages of an internal rotating bezel, which protects the mechanism against salt water, dirt, etc., with the ease of use of an external rotating bezel, which engages precisely in one-minute steps. This is made possible by a sliding clutch system that transmits the bezel's rotational movements by way of an arbor to the inside of the case and the internal bezel. 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.

DEPTH GAUGE

With the 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. Through the pressure converter, water pressure acts on a spring membrane 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 current 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, prevented by a pawl from returning to its original position. The maximum depth indicator can be reset to zero by pressing a push-button.

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, unusually 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. 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 made its first use of 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, for the first time ever, IWC used bronze in a watch case. And in the same year, IWC made use of another material that was a first for the company: 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. While having similar impact resistance qualities, this material is only half the weight of zirconium oxide and even lighter than titanium.

PROTECTION AGAINST MAGNETIC FIELDS

Some 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 pure 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 the 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 watches in cases made of titanium, a high-tech material which was also chosen for the Ingenieur Double Chronograph Titanium. The case protects the movement even under extreme conditions

IWC BRACELETS AND STRAPS

The elegant alligator leather 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 strap comes with an exclusive patina-like shimmer in its own individual colour tones. 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. The wide choice of colours for the Portofino Midsize collection was inspired by the brightly coloured facades of the houses in Portofino, which lend the port its unmistakable character.

The Portofino Midsize models are available optionally with alligator leather straps from Santoni or high-quality Milanaise mesh bracelets in stainless steel or 18-carat red gold in an elegant sixties-inspired style. The bracelet, which has previously featured on the Portofino Automatic and the Portofino Chronograph, has been produced with a slightly finer weave for the Midsize collection.

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.

The patented IWC bracelet quick-change system for the 2014 Aquatimer generation 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 strap outwards with the thumb and push the bracelet up. The bracelets used in the 2014 Aquatimer collection are interchangeable.


IWC
SCHAFFHAUSEN
25
AUTOMATIC
SWISS MADE


PORTUGIESER
SIDÉRALE SCAFUSIA

AN ASTRONOMICAL INSTRUMENT FOR THE WRIST

The Portugieser Sidérale Scafusia is the most exclusive and complicated mechanical watch ever made by IWC. It took the project team at IWC Schaffhausen 10 years to develop and build this spectacular masterpiece. The dial, in the style of a classic Portugieser (Portuguese), features a constant-force tourbillon (cf. page 33) together with displays for the 96-hour power reserve and sidereal time. This deviates from normal solar time by just under 4 minutes each day and, among other things, is needed if we wish to find the same star each night in the same position. The reverse side of the Portugieser Sidérale Scafusia is a fabulous astronomical module calculated precisely to reflect the owner's wishes. From a previously defined location, the rotating night-sky disc shows more than 500 stars and constellations with such detail and precision that it would quicken the pulse of any astronomer. Making the necessary allowances for summer time and winter time, the watch also displays the times of sunrise and sunset, sidereal time and a perpetual calendar with the leap years. In view of the enormous amount of work involved and the more than 200 individual configurations possible, only a few watches are produced each year.

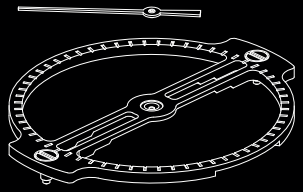

SIDEREAL TIME
IWC
SCHAFFHAUSEN
SWISS MADE

THE CONSTANT-FORCE TOURBILLON: MORE REGULAR THAN A WATCH MOVEMENT

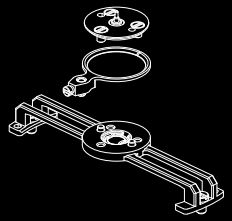
The monotonous ticking of a mechanical watch is a universal symbol of an absolutely uniform, unchanging process. But the impression is deceptive: in mechanical wristwatches, the driving force transmitted to the escapement varies constantly because there is more tension in the mainspring when it is fully wound than when it begins to run down. Represented graphically, the force exerted by the spring in a conventional hand-wound movement is seen to decline continuously.

For the Portugieser Sidérale Scafusia, IWC integrated a constant-force mechanism into a tourbillon. The tourbillon revolves around its own axis once every 60 seconds. It was originally invented to offset the influence of gravity on a positional error in the balance and to eliminate the resulting inaccuracy in the watch's rate. In the constant-force tourbillon, the engineers have elegantly combined two complications that serve to increase timekeeping precision.

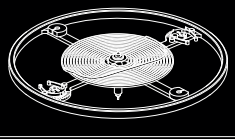
The patented constant-force tourbillon is the beating heart of the watch. Its sophisticated mechanism ensures that the amplitude of the balance, and thus the watch's rate, remain absolutely constant. It does so firstly by disconnecting the escapement from the direct flow of energy running through the wheel train. The energy is stored temporarily in a balance spring and dispensed to the escape wheel. In the process, the tension in the spring is increased once a second and the seconds hand in the tourbillon advances in one-second steps. After approximately 2 days, the mechanism switches from constant-force mode to normal mode, as indicated by the one-fifth-of-a-second movements in the seconds hand. The constant-force mechanism thus guarantees an extremely even and precise rate over a period of at least 48 hours.



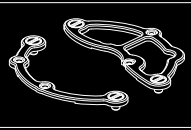
Seconds hand
Tourbillon bridge



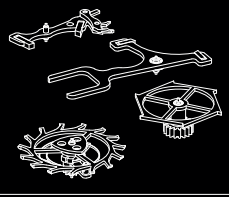
Upper section of cage



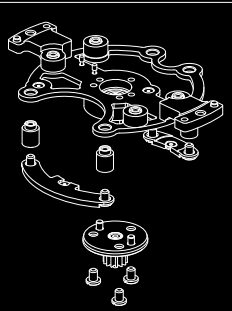
Balance



Escape-wheel bridge
Stop-wheel bridge



Pallet
Constant-force pallet
Stop wheel
Escape wheel with spring



Lower section of cage
Cage pinion


SIDEREAL TIME
24
4
8
12
16
20
IWC
SCHAFFHAUSEN
SWISS MADE

CELESTIAL CHART CUSTOMIZATION: TAILORING THE NIGHT SKY TO THE OWNER'S SPECIFICATIONS

The Portugieser Sidérale Scafusia has a night-sky disc that reveals the full glory of the star-studded heavens. Realistically, it is possible to show around 500 to 1,000 stars, with each dot representing a real, existing star. The meticulously plotted constellations make it easier to get one's bearings. A precise location chosen by the customer provides the basis of the calculations for the celestial chart and astronomical displays.

The sky disc rotates in a clockwise or anti-clockwise direction, depending on whether the chosen geographic location is in the southern or northern hemisphere. The horizon, identifiable as a yellow ellipse, shows the movements of the stars and the section of the sky currently visible in the real night sky above the chosen coordinates. These coordinates – the ones in the illustration show IWC headquarters in Schaffhausen – indicate the precise location, accurate to the metre, for which the planisphere has been calculated. They may be displayed in terms of longitude and latitude, but also as GPS data or the name of a town or place.

The red circle projects the apparent orbit of the sun in the course of a year on the celestial sphere.

The dashed grey line indicates the celestial equator. It forms a circular plane that separates the northern and southern hemispheres. The celestial equator is the imaginary zero line in our celestial sphere: the epicycle.

The red arrow with the dot shows solar time on a 24-hour display. In this case it is 1.28 p.m. It is the normal time that can also be seen on the dial at the front.

The yellow arrow with the star shows sidereal time on a 24-hour display. In this case, it is 8.03 a.m., as can also be seen on the subdial at the front.

The two red triangular pointers at the edge show current sunrise and sunset times at the chosen location.

If the customer so wishes, the celestial chart can be made even more personal: by emphasizing particular stars or constellations, for example.


SIDEREAL TIME
IWC
SCHAFFHAUSEN
SWISS MADE

CUSTOMIZATION: DIFFERENT WAYS TO ACHIEVE AN UNMISTAKABLE MASTERPIECE

An extraordinary timepiece like the Portugieser Sidérale Scafusia calls for out-of-the-ordinary materials. The case, for example, is made of precious metals like platinum, 18-carat white gold or 18-carat red gold. The straps are crafted from finest alligator leather or horsehide. The alligator leather straps manufactured by the Italian luxury brand Santoni are famed for their unmistakable appearance. Elaborately finished by hand, every strap from Santoni has an exquisite patina-like shimmer with its own individual nuances of colour.

For IWC Schaffhausen, it goes without saying that customers can choose from many different combinations of features to personalize their Portugieser Sidérale Scafusia and make it unique. The case materials alone, together with the five different colours for the dial, the various colours for the appliquéd elements and strap, and the material chosen for the strap result in over 200 different possible configurations.

Our specialists are delighted to show interested customers the unique combinations of materials, colours and features possible with the watch. With the help of samples and by putting the individual components together, customers are able to gain an impression of the look and feel of the high-quality, exquisitely finished materials.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47°41'49"N 8°38'13"E
IWC PORTUGIESER SIDERALE SCAFUSIA

PORTUGIESER SIDÉRALE SCAFUSIA

REFERENCE 5041

REF. IW504101
in platinum with black
alligator leather strap

Case in platinum, 18-carat white gold or 18-carat red gold · Mechanical movement · Hand-wound · IWC-manufactured 94900 calibre (94000-calibre family) · 2 barrels · Breguet spring · 96-hour power reserve when fully wound · Power reserve display between 4 and 5 o'clock · Constant-force tourbillon and small seconds at 9 o'clock · Sidereal time at 12 o'clock · On the reverse side: perpetual calendar with leap year display and absolute day of the year, celestial chart showing horizon, ecliptic and celestial equator, solar time, sidereal time, sunrise and sunset together with displays for day, night and twilight · Sapphire glass, convex, antireflective coating on both sides · Case height 17.5 mm · Diameter 46 mm

PORTUGIESER

75 YEARS

THE SIZE AND CLASSIC ELEGANCE OF THE FIRST PORTUGIESER
ASSURED IT OF WIDESPREAD ATTENTION

——————— This year, IWC Schaffhausen celebrates the 75th year of the Portugieser (Portuguese) watch family. Its colourful history reflects the development of the Schaffhausen-based watchmaking company into an internationally renowned luxury haute horlogerie brand.

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 by using a voluminous pocket watch calibre. This was the reason why IWC's watchmakers selected the 74-calibre hunter pocket watch movement, which fortunately has the crown on the right-hand side, and housed it in a wristwatch case. When the first "large wristwatch" left the factory, it was technically and aesthetically ahead of its time. Technically, because the high-quality pocket watch calibre had a larger balance, which set new standards in terms of precision for wristwatches. Aesthetically, because back then popular taste demanded dainty, 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 Swiss Watch Show in Basel, IWC presented the Yacht Club Automatic (Reference 811 A/AD). Back then, it had not yet joined the Portugieser family, but is still considered to be the predecessor of today's Portugieser Yacht Club Chronograph. It went on to become one of the company's best-selling watches.

To mark IWC's 125th anniversary in 1993, the Portugieser watch line was reborn. IWC produced a limited special edition under the name "Portugieser". The anniversary edition (Reference 5441) established a new format for wristwatches that was to revolutionize the watch industry and still enjoys worldwide popularity to this day. In the following years, the Portugieser line continued to feature new and striking complications and scaled the peaks of haute horlogerie.

In 2015, the Portugieser collection rolls out two new and six improved Portugieser models. One complication available for the first time from IWC is the annual calendar, to be found in the eponymous Portugieser. It has three separate, semicircular windows to show the month, date and day. Thanks to the new Portugieser Perpetual Calendar Digital Date-Month Edition "75th Anniversary", the Portugieser watch family now includes a model featuring a large digital display for the date and month. Another feature that lends greater quality and value to the line is the newly developed in-house 52000-calibre family, which appears in four models. It has numerous technical improvements, which, among other things, ensure even greater accuracy. An increase in the number of 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 also more attractive. In the big complications, the rotors and medallions are made of solid 18-carat red gold. These are complemented by blued screws, which are an indispensable characteristic of an exquisite in-house movement for many watch connoisseurs. 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 of this kind.

Some of the models in the latest Portugieser collection are fitted with an arched-edge front glass, which makes the watches appear slimmer and underscores their classic elegance. The slightly curved strap horns, which are fashioned to match the contours of the case, ensure that the watch fits more comfortably even on a slimmer wrist. Some of the new references are fitted with luxurious alligator leather straps made by Santoni.


IWC
SCHAFFHAUSEN
SWISS MADE
SUN MON TUE WED THU FRI SAT
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
2015

ONE OF THE MOST SOPHISTICATED WATCHES IN THE WORLD

The Portugieser Grande Complication brings together many of watchmaking's most significant achievements. One of these is the perpetual calendar, which is mechanically programmed until 2499 and requires just three adjustments in what would normally be leap years (2100, 2200 and 2300) but are not. Further complications include the perpetual moon phase display, chronograph and minute repeater. When activated by the repeating slide, the latter chimes out the precise time in harmonious tones. A total of 20 functions are made possible by the interplay of 659 individual mechanical parts. Despite its complex construction and numerous controls, the case is water-resistant to 3 bar. Several design modifications further enhance the value of the model in the new collection. The silver-plated dial, for example, no longer bears an engraving of the globe showing longitude and latitude. Because of this, it looks clearer and more composed. The engraving on the back of the case now takes the form of a compass rose. Keeping the watch firmly attached to its Santoni alligator leather strap are newly designed ergonomic strap horns. The strap of the 18-carat red gold version is stitched with red gold thread while the strap of the exclusive platinum model is finished with a platinum thread. Only 250 of each model will be produced.

PORTUGIESER GRANDE COMPLICATION

REFERENCE 3776

REF. IW377601
in platinum with black
alligator leather strap

Limited edition of 250 watches · 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

PORTUGIESER GRANDE COMPLICATION

REFERENCE 3776

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

Limited edition of 250 watches · 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


IWC
SCHAFFHAUSEN
SWISS
MADE

ACOUSTIC SIGNS OF THE TIMES

It is one of the most emotive complications in haute horlogerie: the minute repeater. The crystal-clear tone of the two gongs is a conscious anachronism, a nostalgic reminder of bygone days when the striking of the tower clock would cause people to stop whatever they were doing and count the chimes to find out what the time was. The repeating mechanism in the Portugieser Minute Repeater consists of around 250 individual parts working together as if in a mechanical orchestra. When the repeating slide is pushed downward, the mechanism chimes out every hour that has elapsed since the last “12” with a single strike on the deeper-pitched gong, every quarter since the last full hour with a double strike (one on each gong), and every minute that has passed since the last quarter with one strike on the higher-pitched of the gongs. An all-or-nothing piece ensures that the chimes are only struck if the repeating slide is pushed down fully. The watch is equipped with the 98950-calibre hunter pocket watch movement, which goes all the way back to the 1930s and which since then has been continuously developed, improved and modernized. The see-through sapphire-glass back provides an open view of the stylistic elements of the early F. A. Jones calibres, such as the elongated index, which facilitates the fine adjustment of the effective length of the balance spring. The nickel-silver plate and three-quarter bridge are decorated with circular graining and Geneva stripes, respectively. The watch is limited to 500 pieces each in platinum and 18-carat red gold.

The IWC-manufactured 98295 calibre, the basic movement in the Portugieser Minute Repeater with its elongated index 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 in platinum and 18-carat red gold · 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


IWC
SCHAFFHAUSEN
SWISS MADE

THE TOURBILLON: A FEAT OF WATCHMAKING GENIUS

For watch lovers, one of the most fascinating aspects of the Portugieser Tourbillon Mystère Rétrograde is the unusual presentation of the flying tourbillon, consisting of 82 parts, as a “12” that appears to come to life. After the 31st day of the month, the retrograde date display automatically jumps back to the 1st; in shorter months, the hand can be directly advanced using a rapid-advance system until it reverts to the 1st. The 7-day power reserve display indicates how much energy remains in the IWC-manufactured 51900 calibre. To mark the 75th anniversary of the Portugieser (Portuguese) watch family, IWC has given a timepiece swathed in mystery an additional touch of luxury. The arched-edge front glass endows the watch with a more classic, balanced appearance. The horns have also been ergonomically optimized to make the watch more comfortable to wear on a slimmer wrist. Another new feature is the exclusive alligator leather strap by Santoni. The reverse side of the watch with its see-through sapphire-glass back is also more attractive. The narrower and partly perforated rotor – now made of solid red gold – provides a generous view of the IWC-manufactured calibre, which also features blued screws. In the Portugieser Tourbillon Hand-Wound, the “whirlwind” – as the word tourbillon translates – turns at “9 o’clock” on the dial. The tourbillon rotates around its own axis once every 60 seconds to counteract the pull of gravity on any disequilibrium in the balance wheel that would adversely affect the watch’s rate and accuracy. The IWC-manufactured 98900-calibre movement with its intricately decorated nickel-silver three-quarter bridge can be admired through the transparent sapphire-glass back.

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
(shown here is 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 · Glucydur®* beryllium alloy balance with high-precision adjustment cams 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

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 · 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


IWC
SCHAFFHAUSEN
DAYS
SUN MON TUE WED THU FRI SAT
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
2015
SWISS MADE

THE MOON EXERTS A NEW FORCE OF ATTRACTION

The full moon has been steeped in mystery and legend since the beginning of time. It is undisputed that the moon's gravitational pull controls the tides, and thus exerts a real influence on the earth and our lives. On the moon phase display of the Portugieser Perpetual Calendar with a double moon or a single moon, the moon is just 5 millimetres in diameter. Nevertheless, the depiction of its orbit on the miniature stage diverges by just 1 day in 577.5 years from the actual phase of the moon. In the model with the double moon display, the moon phase and its mirror image show the state of the moon in both the northern and southern hemispheres. In the anniversary year of the Portugieser (Portuguese) family, both watches have been modified in terms of technology and design. For the first time ever, the double-moon model comes with the railway-track chapter ring typical of the Portugieser, while the designers have transformed the entiremoon phase display into a star-studded night sky, so that the moon and stars appear to hover in infinite space. Both models are equipped with IWC-manufactured movements from the new IWC 52000-calibre family, featuring solid red gold rotors and blued screws. Each watch also has ergonomically optimized strap horns, an arched-edge front glass and a luxurious Santoni strap. Otherwise, the modern and elegant time machines leave virtually no wish unfulfilled: perpetual calendar, window showing the year in four digits, 7-day automatic movement with Pellaton winding and a power reserve display.

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
(shown here is 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 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

MANUFACTURING EXPERTISE PACKED INTO 45 MILLIMETRES

The digital perpetual calendar is one of IWC's most outstanding technological advances. With the new Portugieser Perpetual Calendar Digital Date-Month Edition "75th Anniversary", the Portugieser (Portuguese) watch family now includes a model featuring a digital display for the date and month. This exclusive timepiece packs a wealth of IWC watchmaking expertise into its 45-millimetre case: perpetual calendar, digital large date display, leap year display, chronograph with flyback function and the IWC-manufactured 89801 calibre with its efficient double-pawl winding mechanism and quick-action switch. Every night, when the date display moves forward, the switch siphons off a little of the energy, stores it and then discharges it precisely at the end of the month or year when, in addition to the date and month disc, the leap year disc also needs to be advanced. The perpetual calendar can be set easily using the crown and will not require correction until 2100. On the occasion of its relaunch to mark the 75th anniversary of the Portugieser family, the watch is fitted with an arched-edge front glass and Santoni alligator leather strap and has an attractive new calibre design. The watch is limited to 25 pieces in platinum and 75 pieces each in 18-carat red gold with either a black or silver-plated dial.


25
DATE
08
MONTH
IWC
LEAP
YEAR
3
SWISS
MADE

PORTUGIESER PERPETUAL CALENDAR DIGITAL DATE-MONTH EDITION “75TH ANNIVERSARY”

REFERENCE 3972

REF. IW397201
in platinum with black alligator leather strap

REF. IW397202
in 18-carat red gold with dark brown alligator leather strap

REF. IW397203
in 18-carat red gold with dark brown alligator leather strap

Limited edition of 25 watches in platinum and 75 watches for each of the two red gold references · 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 · Rotor in 18-carat red gold · 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 16.5 mm · Diameter 45 mm · Alligator leather strap by Santoni


08
MONTH
25
DATE
IWC
SCHAFFHAUSEN
LEAP
YEAR
3
SWISS
MADE

THE PREMIERE OF THE IWC ANNUAL CALENDAR

In 2015, the Year of the Portugieser (Portuguese), IWC's newly developed annual calendar is another attractive complication. Located at "12 o'clock" on the dial, the annual calendar shows the month, date and day in three separate, semicircular windows. The switching mechanism automatically takes into account the differing lengths of individual months. Unlike a perpetual calendar, however, the annual calendar is unable to factor in the differing length of the month of February or the leap years. Once a year, then, at the end of February, it requires manual correction. The necessary correction is made as simply and conveniently as possible via the crown. In order to free up as much space as possible for the date display, the designers replaced the indices from "11 o'clock" to "1 o'clock" with the three display discs. The rare combination of an annual calendar and 7-day calibre should make this latest complication from the House of IWC even more fascinating for watch connoisseurs. The timepiece is available in an 18-carat red gold case with a silver-plated dial or in stainless steel with a silver-plated or midnight blue dial. The arched-edge sapphire glass makes the case look slimmer and underscores the watch's classic elegance. The curved strap horns ensure greater comfort even on a slimmer wrist. On the reverse side, the see-through sapphire-glass back provides an unimpeded view of the exquisite new IWC-manufactured 52850 calibre.


ANNUAL CALENDAR
AUG
25
TUE
DAYS
IWC
SCHAFFHAUSEN
SWISS MADE

PORTUGIESER ANNUAL CALENDAR

REFERENCE 5035

REF. IW503504
in 18-carat red gold 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 displays for the month, date and day · 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 ANNUAL CALENDAR

REFERENCE 5035

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 displays for the month, date and day · 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


IWC
SCHAFFHAUSEN
YACHT CLUB
SWISS MADE
25

THE SPORTY MEMBER OF THE PORTUGIESER FAMILY

The Portugieser Yacht Club Chronograph is the sportiest timepiece in a watch family steeped in tradition. At the request of many watch lovers and to mark the 75th Portugieser (Portuguese) anniversary, the model is slightly smaller: the case diameter has been reduced from 45.4 to 43.5 millimetres. Powered by the rugged IWC-manufactured 89361-calibre movement and water-resistant to 6 bar, the chronograph reveals its sporting qualities with a flyback function, an additional flange with a quarter-second scale for measuring short stop times and an analogue display for longer stop times on a subdial. The Portugieser Yacht Club Chronograph has crown protection and is the only Portugieser (Portuguese) model to feature luminescent hands and indices. It is available in stainless steel with a slate-coloured or silver-plated dial and in 18-carat red gold, likewise with a silver-plated dial. In the stainless-steel version (Reference IW390503), the slate-coloured dial has been decorated with a sun-pattern finish and, with the flange – a slightly higher rim – has a uniform colour throughout. Thanks to discreet modifications to the design, the chronograph now looks more luxurious and more balanced.

PORTUGIESER YACHT CLUB CHRONOGRAPH

REFERENCE 3905

REF. IW390501
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 · 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 · Water-resistant 6 bar · Case height 14.5 mm · Diameter 43.5 mm


IWC
SCHAFFHAUSEN
25
SWISS MADE

CLASSIC TIMEPIECE, NEWLY INTERPRETED

You might refer to this chronograph from the Portugieser (Portuguese) family as the big brother of Reference 3714: it has a slightly larger diameter and is 2 millimetres higher, although the latter is barely noticeable due to the arched-edge front glass. This traditional type of watch glass lends the design a classic equilibrium, which is further emphasized by the railway-track-style chapter ring central to the appearance of the original Portugieser. The Portugieser Chronograph Classic is equipped with the IWC-manufactured 89361 calibre. This movement was designed specifically to record stop times up to 12 hours on a separate subdial, where they can be read off as simply as the time of day. The Reference 3904 is available in 18-carat red gold or stainless steel. Both models have a silver-plated or slate-coloured dial. The rotor, decorated with Geneva stripes, can be viewed through the transparent sapphire-glass back. All models are supplied with a Santoni alligator leather strap.

PORTUGIESER CHRONOGRAPH CLASSIC

REFERENCE 3904

REF. IW390402
in 18-carat red gold with brown alligator leather strap

REF. IW390405
in 18-carat red gold with black alligator leather strap

BACK VIEW
for both References
(shown here is IW390402)

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 · Water-resistant 3 bar · Case height 14.5 mm · Diameter 42 mm · Alligator leather strap by Santoni

PORTUGIESER CHRONOGRAPH CLASSIC

REFERENCE 3904

REF. IW390404
in stainless steel with black
alligator leather strap

REF. IW390403
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 · Water-resistant 3 bar · Case height 14.5 mm · Diameter 42 mm · Alligator leather strap by Santoni

ZEITGEIST COMBINED WITH TRADITION

Since its debut in 2004, the Portugieser Automatic with date display has become one of the most successful Portugieser (Portuguese) models ever to come from Schaffhausen. The balanced dial design retains the classic appeal of the legendary original Portugieser first manufactured in the 1930s. From 2015, the Portugieser Automatic will be equipped with an IWC-manufactured movement from the new 52000-calibre family. The legendary Pellaton winding system has been further improved: the pawls, automatic wheel and rotor bearing are now made of extremely wear-resistant ceramic; and instead of one there are now two barrels, which build up an impressive 7-day power reserve. The ergonomically optimized strap horns ensure greater comfort even on slimmer wrists. The Portugieser Automatic is now available in two 18-carat red gold and three stainless-steel versions. The models with the 42.3-millimetre red gold cases have either a silver-plated or slate-coloured dial with solid gold appliqués. With the stainless-steel version, customers have the choice of one model with a black dial and silver-plated hands and appliqués or two models with silver-plated dials and either gold-plated or blue hands and appliqués. Now, thanks to the slimmed-down rotor, a glance through the transparent sapphire-glass back reveals even more details of the new IWC-manufactured 52010-calibre, such as the black ceramic pawls in the winding system or the Geneva stripe decoration.


IWC
SCHAFFHAUSEN
DAYS
AUTOMATIC
25

The use of more ceramic components has made the Pellaton winding in the new 52010 calibre even more efficient, with minimal wear and tear

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

REF. IW500703
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
(shown here is 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

THE MOST STYLISH WAY OF MEASURING TIME

The term chronograph – “writer of time” – refers to an earlier use of this type of watch in which the dial would turn and a writing implement that rested on top of it recorded stopped time either as short or longer strokes, rather like the tachographs used in commercial vehicles today. The word has since come to refer mainly to timepieces with an additional stopwatch function. If the Portugieser Chronograph writes anything at all, it is the story of its own success. After all, it has been the most sought-after model in the Portugieser (Portuguese) family since 1998. Back then, it was the first Portugieser watch that not only allowed the wearer to read the time, but also to stop it. Its moderate, 40.9-millimetre diameter also makes it ideal for a more slender wrist. Everything is integrated harmoniously on the clearly organized dial with the encircling precision scale: the recessed totalizers, the embossed Arabic numerals and the perfectly proportioned feuille hands for hours and minutes. The chronographs in cases with the warm appeal of 18-carat red gold exude a distinctive luxury. The slate-coloured dial with its shimmering sun-pattern finish provides a discreet contrast to the deep black counters, while the blued hands for periods of stopped time provide a colourful highlight to the silver-plated dial.


IWC
SCHAFFHAUSEN
CHRONOGRAPH
AUTOMATIC
SWISS MADE

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. IW371447
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

PORTOFINO

SINCE 1984

THE SIZE AND CLASSICAL ELEGANCE OF THE FIRST PORTOFINO
ASSURED IT OF WIDESPREAD ATTENTION

The former fishing village of Portofino on the Gulf of Tigullio near Genoa in Italy has for decades been a desirable destination for the international rich and famous. 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 steady demand for simple, classic models. The elegant IWC Lépine open-face pocket watch, Reference 5201, served as the basis for the new watch line: its dial was turned through 90 degrees and 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 become 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 hybrid 631-calibre movement. Although the chronograph consisted of 233 parts, the height of the movement was just 3.8 millimetres: an outstanding achievement. In 1993, IWC unveiled the Portofino Hand-Wound, Reference 2010, with an ultra-slim movement measuring just 1.85 millimetres in height. The slimmest of all IWC watches, it sold successfully until 2005. 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 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 will be joined by the 59230 calibre in the Portofino Hand-Wound Big Date.

FOR MORE THAN A QUARTER OF A CENTURY, IT HAS BEEN THE UNASSUMING STAR OF THE IWC COLLECTIONS, AN EXPRESSION OF UNDERSTATEMENT AND GOOD TASTE

Last year, for the first time ever, IWC presented a Portofino Midsize collection for watch lovers both male and female who prefer a slightly smaller and more luxurious timepiece. With a case measuring just 37 millimetres in diameter, the Portofino Midsize Automatic is also perfect for a slimmer wrist. This distinctive timepiece is available in four red gold and six stainless-steel versions, each of which is available with a diamond-set bezel or a slightly more understated variation with 12 precious stones on the dial.

The moon phase display makes its return to the Portofino watch in the Midsize collection. In the Portofino Midsize Automatic Moon Phase, the Earth's satellite is imaginatively set in a classic cloud scene hovering in space in a star-studded night sky. No fewer than five of the models glitter with a combination of diamonds, moon and stars: one version in white gold, three in red gold and one in stainless steel.

The Portofino Midsize Automatic Day & Night combines the luxury of diamonds and mother-of-pearl with the nonchalance of a new and more mobile generation. Thanks to a second time zone and 24-hour day/night display, the watch ensures that even those whose parties turn day into night never lose track of time.

Three luxurious Portofino Automatic models are now also available in red or white gold cases with diamond-set bezels and Santoni alligator leather straps.


IWC
SCHAFFHAUSEN
PORTOFINO
25
DAYS
SWISS MADE

THE PORTOFINO 8-DAY POWER RESERVE COLLECTION

There are moments you look forward to all week long. For many watch lovers, manually winding the movement of a timepiece with an IWC-manufactured calibre from the 59000 family is one of them. The powerful movements run precisely and reliably for a full 192 hours, or 8 days, before automatically stopping. The Portofino Hand-Wound Big Date is equipped with a large double-digit date display at “12 o’clock”, which is reminiscent of the digital date display found in the legendary Pallweber system of 1884. The Portofino Hand-Wound Eight Days shows the date at “3 o’clock”. For both watches, the energy remaining can be seen in the power reserve display on the dial between “8” and “9 o’clock”. All versions of the Portofino 8-day power reserve collection feature a see-through sapphire glass back and are fitted with a Santoni alligator leather strap.

PORTOFINO

PORTOFINO HAND-WOUND BIG DATE

REFERENCE 5161

REF. IW516101
in 18-carat white gold with black
alligator leather strap

REF. IW516102
in 18-carat red gold with dark brown
alligator leather strap

BACK VIEW
for both References
(shown here is IW516102)

Mechanical movement · Hand-wound · IWC-manufactured 59230 calibre (59000-calibre family) · 8-day power reserve when fully wound · Power reserve display · Large, double-digit 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 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


INTERNATIONAL WATCH CO.
THIRTY (30) JEWELS
8 DAYS POWER RESERVE
SWISS MADE
ADJ TO FIVE (5) POSITIONS
INTERNATIONAL WATCH CO.
PORTOFINO
2345678


IWC
SCHAFFHAUSEN
PORTOFINO
25
SWISS MADE
DAYS

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

TIMELESS ELEGANCE CAN BE MEASURED

If you approach the former fishing village of Portofino from the sea, the old, picturesque houses could easily trick you into thinking that time had stood still, until you suddenly notice the sleek yachts with their state-of-the-art technology and luxury interiors lying at anchor. The elegant Portofino Chronograph provokes a similar reaction; its striking chronograph push-buttons are reminiscent of the cockpit of 1960s Italian sports cars. In much the same style, the stopwatch displays bring a distinctly sporty touch to the entire Portofino family. The watch, which features a convex sapphire glass and appliquéd Roman numerals, is driven by the tried and tested self-winding 75320 calibre with a 44-hour power reserve. In addition to the classic alligator leather straps, these watches are available with cool but snug-fitting Milanaise mesh bracelets, which underscore the timeless character of the Portofino Chronograph.


IWC
MON 25
SCHAFFHAUSEN
SWISS MADE


INTERNATIONAL WATCH CO.
PORTOFINO
2345678

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

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
mesh bracelet in stainless steel

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

THREE HANDS, ONE CONCEPT

Simply classic. For many years this formula has been the secret of the Portofino Automatic's success. Three hands and a discreet date display: as the watch of choice for the discerning purist, it needs no more. The solid, mechanical automatic movement reliably ticks away the time. The evenly rounded sides of the 40-millimetre case make it appear even slimmer. The red gold version is available with a silver-plated or slate-coloured dial and is decorated on the back with an exquisite engraving showing a view of the harbour at Portofino. The stainless-steel models with silver-plated or black dials are available with a choice of alligator leather straps or a Milanaise mesh bracelet in stainless steel. In 2014, the Portofino Automatic collection was extended to include, for the first time, two exquisite models in red gold and a white gold version all with a diamond-set bezel and Santoni alligator leather strap. The sun-pattern finish on the dial underscores the luxurious appearance of these timepieces. The reverse side of the case also features an elegant engraving of the Portofino harbour.


IWC
SCHAFFHAUSEN
AUTOMATIC
SWISS MADE
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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
(shown here is 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. 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
mesh bracelet in stainless steel

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

PORTOFINO

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


IWC
SCHAFFHAUSEN
SWISS MADE

DAZZLING BEAUTY BY DAY AND AT NIGHT

For the red gold and stainless-steel versions of the Portofino Midsize Automatic Moon Phase, IWC's watch designers chose flawless, gently shimmering mother-of-pearl in white and black. The subtle, smooth lustre of the mother-of-pearl gives the dials a magnificent sense of depth, bringing them to life. A bezel set with 66 diamonds complements each piece with a fitting elegance. The watches are sold with Santoni alligator leather straps, while one of the red gold versions is available with an exquisite Milanaise mesh bracelet. Milanaise mesh bracelets are also available in stainless steel or red gold for all the other models. The dial of the sumptuous white gold model is coated with several layers of jet black lacquer, which provides a striking backdrop to the pure white diamonds. The Portofino Midsize Automatic Day & Night with a second time zone is the perfect watch for globetrotting business people, jet setters and night owls. While the hour, minute and seconds hand display local time, the blue hand on the inner 24-hour ring shows the time at a second location of the wearer's choice. To help the wearer easily differentiate between day and night, the daytime hours are shown white and night-time in blue. The crown provides a fast, simple means of setting the time separately. Thanks to its elegant design with a diamond-set bezel and white mother-of-pearl dial, this exceptional watch will ensure its wearer cuts a fine figure no matter what the time. The watch features a sumptuous red gold or stainless-steel case, combined with a black or dark blue alligator leather strap from the House of Santoni. It is also available with a Milanaise mesh bracelet in stainless steel or red gold.

PORTOFINO MIDSIZE AUTOMATIC MOON PHASE

REFERENCE 4590

REF. IW459004
in 18-carat white gold with 90 diamonds
on the case and
84 diamonds on the black lacquer dial and
black 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


IWC
SCHAFFHAUSEN
SWISS MADE

PORTOFINO MIDSIZE AUTOMATIC MOON PHASE

REFERENCE 4590

REF. IW459002
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. IW459005
in 18-carat red gold with 66 diamonds
on the case and 12 diamonds
on the white mother-of-pearl 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 · Milanaise mesh bracelet in 18-carat red gold

PORTOFINO MIDSIZE AUTOMATIC MOON PHASE

REFERENCE 4590

REF. IW459003
in 18-carat red gold with 66 diamonds
on the case and 12 diamonds
on the black mother-of-pearl dial and
dark brown alligator leather strap

REF. IW459001
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 · 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 MIDSIZE AUTOMATIC DAY & NIGHT

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


IWC
SCHAFFHAUSEN
SWISS MADE


IWC
SCHAFFHAUSEN
25
AUTOMATIC

RADIANT BEAUTIES

With its 37-millimetre Portofino Midsize Automatic, IWC Schaffhausen has made the classically elegant three-hand timepiece more attractive to watch lovers with slimmer wrists. The ten models with their diamond-set bezels or dials will appeal to buyers seeking puristic design combined with a distinct note of luxury. The watch is available in four red gold and six stainless-steel versions. The precious stones of exceptionally high quality give these watches a radiance of their own, while the design itself remains sleek and simple. The fine sun-pattern finish on the dials reflects light in a myriad of different ways, while the polished surfaces of the case, like the guilloche work, give the watches an opulent style of their own. Alligator leather straps from Santoni in delicate nuances of colour, from light and dark brown to grey and black, as well as in orange, lilac and red, complement the dial and case of nine of the models perfectly, while one of the stainless-steel models is fitted with an exquisite Milanaise mesh bracelet. Each timepiece is also available with a Milanaise mesh bracelet in stainless steel or 18-carat red gold.


IWC
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AUTOMATIC

PORTOFINO MIDSIZE AUTOMATIC

REFERENCE 4581

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


IWC
SCHAFFHAUSEN
25
AUTOMATIC
SWISS MADE

PORTOFINO MIDSIZE AUTOMATIC

REFERENCE 4581

REF. IW458103
in stainless steel with 66 diamonds
on the case and
dark brown alligator leather strap

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

REF. IW458109
in stainless steel with 66 diamonds
on the case and
red 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 MIDSIZE AUTOMATIC

REFERENCE 4581

REF. IW458105
in 18-carat red gold with 12 diamonds
on the dial and
orange 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 MIDSIZE AUTOMATIC

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
mesh 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 · Milanaise mesh bracelet in stainless steel

AQUATIMER

SINCE 1967

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 pressure-resistant to 20 bar and featured an internal rotating bezel to display dive time. In 1982, the first diver's watch in titanium, pressure-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 treated with a thick coating 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 internal rotating bezel with the ease of use of an external rotating bezel. The external rotating ring with its SafeDive system can be moved simply and precisely in steps of one minute, even when wearing diving gloves or with cold fingers. For safety reasons it can only be turned anticlockwise. The Super-LumiNova®* luminescent coating for the dive time scale on the internal bezel guarantees excellent legibility no matter how poor the visibility. And with the new IWC bracelet quick-change system, swapping the steel bracelet for the rubber strap, and vice versa, is a snap.

In 2014, in honour of the ingenious British scientist Charles Darwin and his Galapagos expedition, IWC launched a special edition, housed in a bronze case. The Galapagos Islands, 1,000 kilometres from the South American mainland, are one of the last natural paradises on earth. The budding British naturalist visited the Galapagos Islands in 1835 in the course of an expedition. He found a unique plant and animal ecosystem that differed from one island to the next. The observations he made here formed the essence of his life's work, "The Origin of Species", which was published in 1859 and has since been the basis of the modern theory of evolution.

DARWIN'S OBSERVATIONS FORMED THE ESSENCE OF HIS GREATEST WORK, "THE ORIGIN OF SPECIES", WHICH WAS PUBLISHED IN 1859 AND HAS SINCE BEEN THE BASIS OF THE THEORY OF EVOLUTION

Exactly 136 years after Darwin, "le Commandant" Jacques Cousteau set course for the archipelago with his research vessel, the Calypso. He wanted to make a close-up study of the Galapagos marine iguanas. For the sixth time to date, IWC dedicated a special edition of the Aquatimer to the passionate inventor, researcher and filmmaker.

In response to the destruction of the environment of the Galapagos Islands, the Charles Darwin Foundation (CDF) was founded in 1959 and the Charles Darwin Research Station, based on the island of Santa Cruz, in 1964. For years now, IWC has been committed to the principle of sustainability and makes a sizeable contribution to both charitable organizations to enable them to keep up their good work.


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IWC
SCHAFFHAUSEN
LEAP
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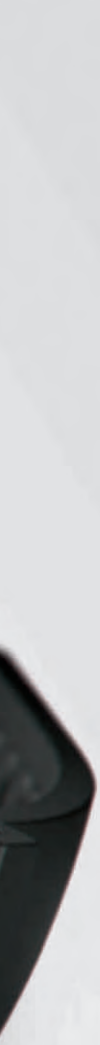

PERFECT FOR THE ASCENT

Galapagos marine iguanas are masters in the efficient use of energy. They bask in the sun on the baking hot volcanic rock for hours on end, storing the energy they need for their lengthy dives. In cold water they reduce their energy requirements by slowing down their heartbeat. The conservation of energy, incidentally, plays an important role not only biologically but also in watch technology. In order to advance its large month display discs, the Aquatimer Perpetual Calendar Digital Date-Month requires more power than the in-house automatic 89801 calibre can provide. For this reason, every night when the date display is advanced, the quick-action switch taps a little energy, stores it and then releases it at the end of the month. With its impressive case diameter of 49 millimetres, the Aquatimer Perpetual Calendar Digital Date-Month is the second-largest wristwatch in the history of IWC – just behind the Big Pilot's Watch launched in 1940. The unusual combination of materials – 18-carat red gold with rubber-coated titanium – gives the watch an appearance that is at the same time luxurious and sporty. The date and month discs have semi-transparent perforated covers that provide a view of the complex mechanism within. The designers took their inspiration for this particular element from the filter systems that are omnipresent on all submarine vehicles. The rotor behind the see-through sapphire-glass back is distinctly functional-looking and likewise alludes to the reliability of research submarines. The exclusive flagship of the collection is limited to 50 watches and water-resistant to 10 bar.

The calendar movement shows the day and month as well as the leap year in digits

AQUATIMER PERPETUAL CALENDAR DIGITAL DATE-MONTH

REFERENCE 3794

REF. IW379401
in 18-carat red gold and rubber-coated 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 · Mechanical external/internal rotating bezel with SafeDive system · 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 · 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


IWC
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AQUATIMER
DEEP THREE
ACT. DEPTH
MAX. DEPTH
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A DEPTH GAUGE FOR MAXIMUM SAFETY

The third generation of the IWC diver's watches with a mechanical depth gauge – the Aquatimer Deep Three in a titanium case – is a perfect example of watchmaking evolution: it is even safer, more functional and easier to use than ever before. Using three parameters – elapsed dive time, maximum depth reached during the dive and the seconds hand – the diver can plan any necessary decompression stops during his ascent and remain at the necessary depth to conclude the dive safely and successfully. The Aquatimer Deep Three is water-resistant to 10 bar and offers a complete backup system for the dive computer. During a dive, the blue depth indicator moves against the white scale to show increasing or decreasing depth. The red maximum depth indicator remains at the greatest depth reached down to 50 metres. Another feature is the SafeDive system, which prevents accidental moving of the external rotating bezel. Thanks to its titanium case, the watch is lighter than its predecessor in stainless steel. An elaborate relief engraving of a diver's helmet can be found on the back of the watch. The corrugated rubber strap adapts easily to the changing girth of the wearer's wrist.


ACT. DEPTH
MAX. DEPTH
IWC
SCHAFFHAUSEN
AQUATIMER
DEEP THREE
SWISS MADE

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 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

AT THE CUTTING EDGE DOWN TO 2000 METRES

The prototype was built in 1982 as a watch for mine clearance divers and designed by the legendary Ferdinand A. Porsche. The version for non-military use, the Ocean 2000, was the first watch with a pressure-resistance of 200 bar and was much coveted by collectors. Subsequent models, namely the GST Aquatimer and the Aquatimer Automatic 2000, were one thing above all: first-class diving instruments for ambitious amateurs and professionals. The Aquatimer Automatic 2000 is a reliable backup system, even for the most exacting underwater missions. With its titanium case, the watch harks back to the origins of the reference models. The case has grown in size to 46 millimetres, making the dial more legible and leaving enough room for the robust IWC-manufactured 80110-calibre movement. The chunky external rotating bezel can be adjusted easily even when wearing gloves and, as the name SafeDive system suggests, offers the diver a very high level of safety. The rubber strap is available optionally in an XXL version and can be worn over a neoprene suit or a drysuit. For the designers, only one motif was thought appropriate for the engraving on the back of the cover: the classic diving helmet worn by deep-sea divers.


IWC
SCHAFFHAUSEN
AQUATIMER
2000 METERS
SWISS MADE
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IWC
SCHAFFHAUSEN
AQUATIMER
2000 METERS
MADE
SWISS
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AQUATIMER AUTOMATIC 2000

REFERENCE 3580

REF. IW358002
in titanium with black
rubber strap

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


45
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IWC
SCHAFFHAUSEN
AQUATIMER
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SWISS MADE
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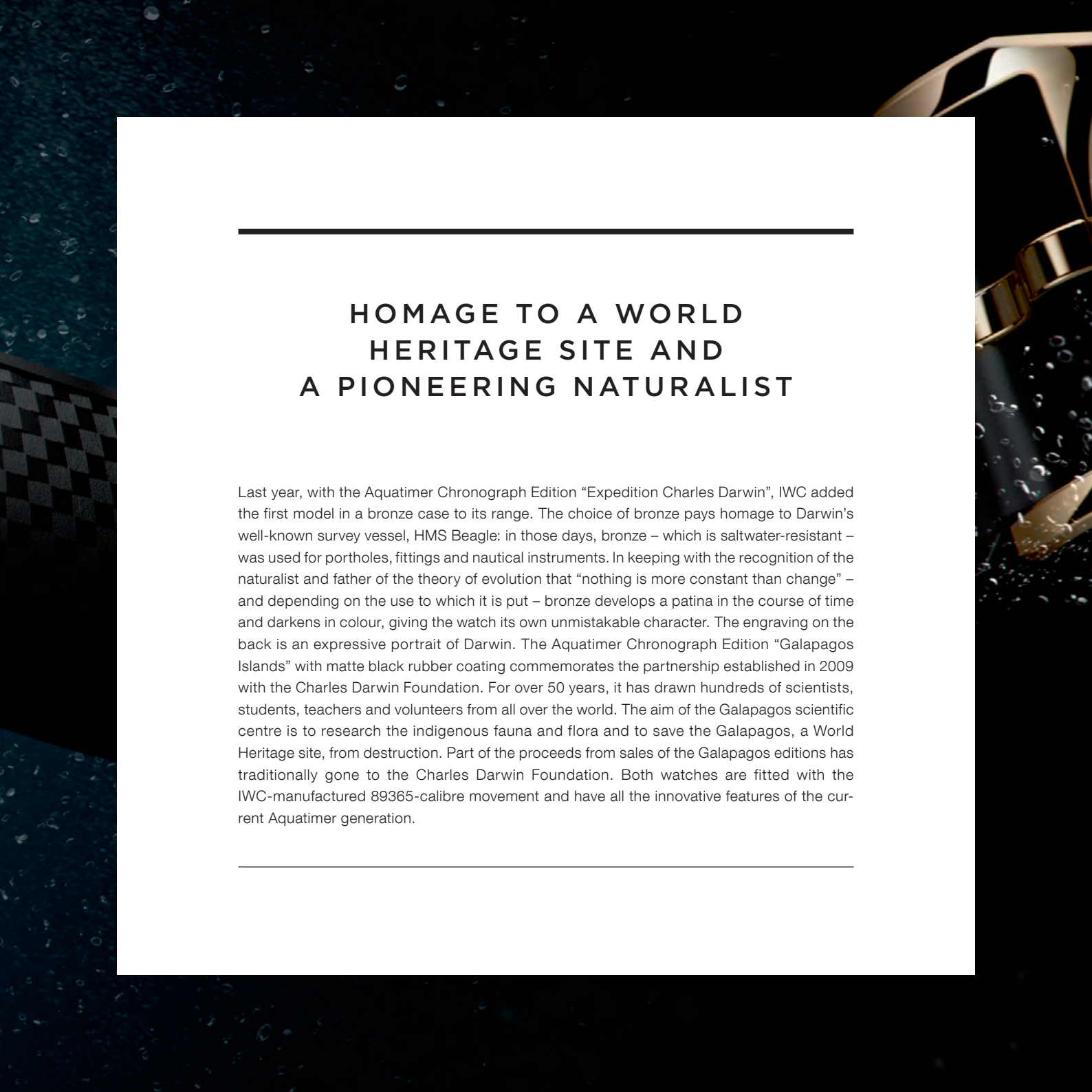

HOMAGE TO A WORLD HERITAGE SITE AND A PIONEERING NATURALIST

Last year, with the Aquatimer Chronograph Edition “Expedition Charles Darwin”, IWC added the first model in a bronze case to its range. The choice of bronze pays homage to Darwin’s well-known survey vessel, HMS Beagle: in those days, bronze – which is saltwater-resistant – was used for portholes, fittings and nautical instruments. In keeping with the recognition of the naturalist and father of the theory of evolution that “nothing is more constant than change” – and depending on the use to which it is put – bronze develops a patina in the course of time and darkens in colour, giving the watch its own unmistakable character. The engraving on the back is an expressive portrait of Darwin. The Aquatimer Chronograph Edition “Galapagos Islands” with matte black rubber coating commemorates the partnership established in 2009 with the Charles Darwin Foundation. For over 50 years, it has drawn hundreds of scientists, students, teachers and volunteers from all over the world. The aim of the Galapagos scientific centre is to research the indigenous fauna and flora and to save the Galapagos, a World Heritage site, from destruction. Part of the proceeds from sales of the Galapagos editions has traditionally gone to the Charles Darwin Foundation. Both watches are fitted with the IWC-manufactured 89365-calibre movement and have all the innovative features of the current Aquatimer generation.

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 · 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


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IWC
SCHAFFHAUSEN
MON 25
SWISS MADE

AN EXPEDITION WITH "LE COMMANDANT"

In the early 1970s, scuba diving pioneer, researcher and filmmaker Jacques Cousteau familiarized millions of viewers with the mysterious marine iguana through his film "The Dragons of Galapagos". In 1973, he founded the Cousteau Society, a non-profit organization dedicated to protecting marine life. IWC has been a partner of the Cousteau Society since 2004 and has supported the organization in its work to set up marine conservation zones. The Aquatimer Chronograph Edition "Expedition Jacques-Yves Cousteau" with its traditionally blue dial is already the sixth special edition to bear the name of the famous Frenchman. The engraving on the back of the cover shows "le Commandant" with his trademark red woollen beanie. Part of the proceeds from every sale goes directly to the Cousteau Society. The watch devoted to Cousteau is technically identical with the Aquatimer Chronograph. The innovative external / internal rotating bezel with a SafeDive system designed to prevent inadvertent changes of the dive time boosts the practical use of the diver's watch, as does the increase in water-resistance from 12 to 30 bar. The chronograph function handles single stop times and aggregate timing up to 12 hours, while the push-buttons can be activated even under water. The distinctly purist design of the dial recalls the look of the first Aquatimer in 1967 and gives it a more modern reinterpretation.

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

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 · Mechanical external/internal rotating bezel with SafeDive system · Date and day display · Stopwatch function with hours, minutes and seconds · 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

REFERENCE 3768

REF. IW376801
in stainless steel with black rubber strap

REF. IW376802
in stainless steel with stainless-steel bracelet

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Mechanical external/internal rotating bezel with SafeDive system · Date and day display · Stopwatch function with hours, minutes and seconds · 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

REFERENCE 3768

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 · Mechanical external/internal rotating bezel with SafeDive system · Date and day display · Stopwatch function with hours, minutes and seconds · 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

THE PURIST OF THE FAMILY

The rugged cliffs running along the coast, where the glittering silver Pacific crashes onto the jet black igneous rock, is probably the most typical view of the Galapagos Islands. IWC's designers took much of their inspiration for the colour scheme of the Aquatimer Automatic in stainless steel from this meeting of the elements. The basic model in the Aquatimer family comes with a black or silver-plated dial, complete with a matching black rubber strap or stainless-steel bracelet. In the version with the black dial, the dive-related displays are coated with luminescent green Super-LumiNova®*. The model with the silver-plated dial looks particularly elegant: the colour of the inlaid luminescent material is slightly more discreet, which does not detract from its legibility in the dark or in adverse visibility conditions. The clear-cut design of the watch, which has just three hands, likewise makes underwater orientation faster and simpler. Like all the models in the collection, the Aquatimer Automatic is equipped with the innovative external/internal rotating bezel featuring the SafeDive system. With a case measuring just 42 millimetres in diameter, the Aquatimer Automatic is the smallest member of the diver's watch family and its dial the most purist.


IWC
SCHAFFHAU
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AQUATIMER
AUTOMATIC
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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

REF. IW329004
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

INGENIEUR

SINCE 1955

THE FIRST TIME THE HALLMARKS OF THE WATCH FAMILY'S DESIGN ARE FEATURED TOGETHER:
INGENIEUR SL, REFERENCE 1832, LAUNCHED IN 1976

In the early 1970s, a diver's helmet inspired freelance watch designer Gérald Genta to adopt a distinctly modernist, technical approach that was to revolutionize watch design. Instead of trying to conceal the screws or functional bores, he left them plain for all to see on the bezel. For IWC Schaffhausen Gérald Genta designed the legendary Ingenieur SL, Reference 1832, which was launched in 1976. Its eye-catching design stood for masculine values: it was rugged and sporty with an undeniably technical appeal, and has influenced the appearance of the Ingenieur watch family to this day.

The Ingenieur watch family's success story, incidentally, 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 protection 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, was equipped with the first bidirectional automatic movement, developed by the then Technical Director, Albert Pellaton. 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 Automatic assumed the cool, engineering-inspired aura of Gérald Genta's Ingenieur SL. The IWC-manufactured 80110 calibre with its Pellaton winding system also featured an integrated shock-absorption system. To mark the partnership between IWC and Mercedes AMG, IWC unveiled two Ingenieur models in titanium. They underscore the values shared by the technology specialists in Schaffhausen and Affalterbach: precision, performance and engineering expertise.

IWC HAS MAINTAINED ITS POSITION AS ONE OF THE LEADERS IN TITANIUM SURFACE FINISHING TO THIS DAY

The Ingenieur collection, which was completely redesigned in 2013, centred entirely on the cooperation with the MERCEDES AMG PETRONAS Formula One™ Team. The technological highlight was the Ingenieur Constant-Force Tourbillon with its patented constant-force mechanism. It first appeared in a rare combination of materials – platinum and ceramic – and is complemented in 2015 with a model in a red gold and ceramic case. Another example of exceptional design was the quick-action switch found in the Ingenieur Perpetual Calendar Digital Date-Month, which moves up to five display discs simultaneously. Its case is made of titanium aluminide. This watch will also be available in an 18-carat red gold and titanium aluminide case from 2015. The technical materials used in this Ingenieur line – titanium aluminide, carbon, ceramic and titanium – were inspired by those frequently found in FORMULA ONE.

In appearance, the classic design line with the stainless-steel case and characteristic drill holes are in line with the tradition of the Ingenieur SL launched in 1976. Elegant, functional and technologically perfect, it distils all that is best from almost 60 years of performance engineering in the Ingenieur family.


IWC
SCHAFFHAUSEN

A POWERFUL DRIVE TO DELIVER MORE TORQUE

With the spectacular Ingenieur Constant-Force Tourbillon, IWC now leads the field in the constructors' championship of haute horlogerie. This precision machine's patented constant-force mechanism is integrated in a tourbillon and ensures that the amplitude of the balance remains virtually constant. It guarantees an extremely precise rate over a period of at least 48 hours. The 94800-calibre movement features two barrels, which provide the energy for the higher torque required to drive the constant-force tourbillon. It also provides the moon phase module with the necessary power. The double moon display depicts the surface of the earth's natural satellite so realistically that even tiny craters can be recognized. The countdown display shows the number of days remaining until the next full moon. The power reserve display between "4" and "5 o'clock" indicates the energy remaining in the mainspring. The watch is available in a platinum and ceramic case and from this year on, in an 18-carat red gold and ceramic case. The design on the movement side, visible through the transparent sapphire-glass back, was inspired by a sports car's engine block. Perforations provide a clear view of the intermeshing gears: performance engineering for purists.

Precision assembly: tourbillon with patented constant-force mechanism

INGENIEUR CONSTANT-FORCE TOURBILLON

REFERENCE 5900

REF. IW590001
in platinum and ceramic with black rubber strap
and black alligator leather inlay

REF. IW590002
in 18-carat red gold and ceramic with black rubber strap
and black alligator leather inlay

Limited edition of 50 watches each · Mechanical movement · Hand-wound · IWC-manufactured 94800 calibre (94000-calibre family) · 96-hour power reserve when fully wound · Power reserve display · Perpetual moon phase display · Double moon phases for the northern and southern hemispheres · Countdown display showing phases until next full moon · Tourbillon with integrated constant-force mechanism · Screw-in crown · Sapphire glass, flat, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 12 bar · Case height 14 mm · Diameter 46 mm

TITANIUM MEETS ALUMINIUM AND GOLD

In 2013, with the Ingenieur Perpetual Calendar Digital Date-Month, IWC presented a watch case made of titanium aluminide and reaffirmed its reputation as the materials pioneer in the watchmaking industry. Titanium aluminide is used widely in motorsport: the alloy is lighter and more robust than pure titanium. From 2015, the timepiece is also available in 18-carat red gold. The black parts of the case are made of zirconium oxide, yet another material typically associated with FORMULA ONE. Modern racing cars have a boost button designed to provide maximum thrust when needed. In the case of the perpetual calendar with its digital date and leap year indicator, this job is handled by IWC's revolutionary quick-action switch. Every night, when the date display advances, this sophisticated mechanism siphons off a little energy, stores it and then discharges it precisely at the end of the month to rotate the display discs. At the end of the year, no fewer than five display discs need to be advanced synchronously. On New Year's Eve, thanks to the three semi-transparent totalizers, the entire dial is set in motion – a spectacle of such technical brilliance that no one who appreciates complex mechanical systems will want to miss. The see-through sapphire-glass back provides an unimpeded view of the IWC-manufactured 89802 calibre, whose rotor resembles the spokes on a light alloy wheel rim.


IWC
INGENIEUR
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YEAR
SWISS MADE

INGENIEUR PERPETUAL CALENDAR DIGITAL DATE-MONTH

REFERENCE 3792

REF. IW379201
in titanium aluminide with black rubber strap
and black alligator leather inlay

REF. IW379203
in 18-carat red gold and titanium aluminide with
black rubber strap and black alligator leather inlay

Limited edition of 100 watches in 18-carat red gold and titanium aluminide · Mechanical chronograph movement · Self-winding · IWC-manufactured 89802 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, flat, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 12 bar · Case height 17 mm · Diameter 46 mm


IWC
INTERNATIONAL WATCH CO.
INGENIEUR
PERPETUAL CALENDAR
2345678
SIXTY-EIGHT HOURS
POWER - RESERVE
FIVE (5) POS.
INTERNATIONAL WATCH Co.
SWISS MADE - 3530188
FIFTY ONE
(51) JEWELS
IWC

HIGH TECHNOLOGY AND CRAFTSMANSHIP

These two seriously high-tech machines each feature a material primarily associated with FORMULA ONE: carbon and ceramic. In the Ingenieur Automatic Carbon Performance Ceramic with its carbon case and ceramic bezel, even the dial is lined with carbon fibre. The glass fibre matting is soaked in epoxy resin and shaped to the desired form before being baked at a high temperature and pressure. Finally, the resin is cured. The rubber strap with calfskin inlay is stitched with green nylon thread reminiscent of the sidewalls of tyres used on wet circuits. The Ingenieur Automatic AMG Black Series Ceramic boasts the same outstanding features as a Mercedes AMG: exclusiveness and high performance combined with everyday practicality, reliability and quality. The case, which is water-resistant to 12 bar, the bezel, the case-back ring, the crown and its solid protective shoulders are all made of the black zirconium oxide inspired by the high-performance ceramic disc brakes found in premium AMG vehicles. Both models are equipped with the in-house 80110-calibre, one of the most rugged movements manufactured by IWC. Thanks to its integrated shock-absorption system, it is unaffected by extreme acceleration as well as sharp braking manoeuvres and vibrations, making it the perfect watch for racing drivers.


IWC
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INGENIEUR
SWISS MADE
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INGENIEUR AUTOMATIC CARBON PERFORMANCE CERAMIC

REFERENCE 3224

REF. IW322404
in carbon and ceramic with black rubber strap
and black calfskin inlay

Limited edition of 1,000 watches with green nylon thread · Mechanical movement · Pellaton automatic winding · IWC-manufactured 80110 calibre (80000-calibre family) · 44-hour power reserve when fully wound · Integrated shock-absorption system · Date display with crown-activated rapid advance · Central hacking seconds · Screw-in crown · Sapphire glass, flat, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 12 bar · Case height 14.5 mm · Diameter 46 mm

INGENIEUR AUTOMATIC AMG BLACK SERIES CERAMIC

REFERENCE 3225

REF. IW322503
in ceramic with black rubber strap
and black calfskin inlay

REF. IW322504
in ceramic with black rubber strap
and brown alligator leather inlay

Mechanical movement · Pellaton automatic winding · IWC-manufactured 80110 calibre (80000-calibre family) · 44-hour power reserve when fully wound · Integrated shock-absorption system · Date display with crown-activated rapid advance · Central hacking seconds · Screw-in crown · Sapphire glass, flat, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 12 bar · Case height 14.5 mm · Diameter 46 mm

A DOUBLE CHAMPION IN TITANIUM

In FORMULA ONE, lap times provide important information about various technical parameters and the progress of a race. During qualifying, the driver with the fastest lap time is awarded pole position. It was clear, then, that the new Ingenieur collection, which is deeply influenced by the cooperation between IWC and MERCEDES AMG PETRONAS Formula One™ Team, should feature a double chronograph. The split-seconds hand can be stopped to record intermediate times while the stopwatch hand continues to run. If the push-button at “10 o’clock” is pressed a second time, the split-seconds and stopwatch hands are resynchronized. This allows the wearer to record as many lap times as he chooses. For the Ingenieur Double Chronograph Titanium with the 79420 calibre, IWC’s designers took their inspiration from the materials typically used in FORMULA ONE: the casing ring is made of titanium and the striking screw heads in the bezel are made of ceramic. The crown, the crown protection and the push-buttons are lavishly coated with black rubber. The totalizers, which closely resemble tachometers, give the watch a consistent, instrument-inspired look. The watch is available with a silver-plated or black dial and normally worn with a black rubber strap.


MON 25
INGENIEUR
IWC
SCHAFFHAUSEN
12 bar
SWISS MADE

In a rattrapante mechanism, the split-seconds hand starts simultaneously with the stopwatch hand

INGENIEUR DOUBLE CHRONOGRAPH TITANIUM

REFERENCE 3865

REF. IW386501
in titanium with black
rubber strap

REF. IW386503
in titanium 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 · Split-seconds hand for intermediate timing · Screw-in crown · Sapphire glass, flat, antireflective coating on both sides · Water-resistant 12 bar · Case height 16 mm · Diameter 45 mm


BASE 1000 m
TACHYMETER
IWC
SCHAFFHAUSEN
INGENIEUR
MADE
SWISS

IN ITS ELEMENT ON THE CIRCUIT

To mark the start of its cooperation with the MERCEDES AMG PETRONAS Formula One™ Team, in 2013 IWC launched the Ingenieur Chronograph Racer and the Ingenieur Chronograph Silberpfeil. The two technically identical timepieces are equipped with the highly efficient double-pawl winding system found in the IWC-manufactured 89361 calibre. The upper totalizer makes it possible to read off stopped hours and minutes as simply as the time on a subdial. Stopped times up to 1 minute are measured by the central chronograph seconds hand. Used in combination with the tachymeter scale, it also shows the average speed achieved over a measured distance of 1,000 metres. Another very practical feature for anyone who frequents the world's racing circuits is the flyback function for measuring pit-stop times. The Ingenieur Chronograph Silberpfeil breathes fresh life into the mythical aura surrounding the historic Mercedes-Benz racing car. One characteristic feature is the dial with its circular graining in silver or brown: a tribute to the legendary Silver Arrow W25, which had instruments surrounded by a dashboard of circular-grained steel. Both dial versions are available in limited editions of 1,000 watches. An attractive engraving of a stylized Silver Arrow racing car can be found on the case back. In the double-pawl winding system, four pawls – two sets of double pawls – transfer the rotor's push-and-pull movements to the barrel.

INGENIEUR CHRONOGRAPH RACER

REFERENCE 3785

REF. IW378507
in stainless steel with black rubber strap
and black alligator leather inlay

REF. IW378508
in stainless steel with
stainless-steel bracelet

BACK VIEW
for both References
(shown here is IW378507)

Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display with crown-activated rapid advance · 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, flat, antireflective coating on both sides · Water-resistant 12 bar · Case height 14.5 mm · Diameter 45 mm

INGENIEUR CHRONOGRAPH RACER

REFERENCE 3785

REF. IW378509
in stainless steel with black rubber strap
and blue alligator leather inlay

REF. IW378510
in stainless steel with
stainless-steel bracelet

Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display with crown-activated rapid advance · 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, flat, antireflective coating on both sides · Water-resistant 12 bar · Case height 14.5 mm · Diameter 45 mm

INGENIEUR CHRONOGRAPH SILBERPFEIL

REFERENCE 3785

REF. IW378505
in stainless steel with black rubber strap
and brown alligator leather inlay

Limited edition of 1,000 watches each · Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display with crown-activated rapid advance · 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, flat, antireflective coating on both sides · Water-resistant 12 bar · Case height 14.5 mm · Diameter 45 mm

INGENIEUR CHRONOGRAPH SILBERPFEIL

REFERENCE 3785

REF. IW378511
in stainless steel with black rubber strap
and brown alligator leather inlay

Limited edition of 1,000 watches each · Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display with crown-activated rapid advance · 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, flat, antireflective coating on both sides · Water-resistant 12 bar · Case height 14.5 mm · Diameter 45 mm


IWC
SCHAFFHAUSEN
INGENIEUR
SWISS MADE
25

AT HOME AROUND THE WORLD

Melbourne, Abu Dhabi, Monza, São Paulo, Kuala Lumpur: 20 times a year, the international FORMULA ONE cavalcade – and with it IWC's partner, the MERCEDES AMG PETRONAS Formula One™ Team – moves from one racing circuit to the next, at locations all over the planet. The Ingenieur Dual Time takes the hard work out of keeping on track while moving from one time zone to another by showing a second local time of the owner's choice. This way, people who move rapidly from one continent or time zone to the next and who communicate worldwide will always retain an overview. Local time can be advanced or moved back in one-hour steps, even when crossing the International Date Line. The hand with the white triangle indicates the second time likewise advancing on the outer 24-hour ring, meaning that the owner's home time or the local time of a business partner is always visible. To make it easier to differentiate between day and night, the upper half, from "6 p.m." to "6 a.m." is darker than the lower half. The Ingenieur Dual Time is available with a stainless-steel bracelet.

INGENIEUR DUAL TIME

REFERENCE 3244

REF. IW324402
in stainless steel with
stainless-steel bracelet

REF. IW324404
in stainless steel with
stainless-steel bracelet

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 local time) · Date display · Central hacking seconds · Screw-in crown · Sapphire glass, flat, antireflective coating on both sides · Water-resistant 12 bar · Case height 13.5 mm · Diameter 43 mm


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IWC
SCHAFFHAUSEN
25
INGENIEUR
SWISS
MADE

CLASSIC MEMBERS OF THE WATCH FAMILY

With the moderate dimensions of the case, the Ingenieur Automatic in stainless steel is well suited to a slimmer wrist. Despite its relatively modest height of 10 millimetres, the watch still comes with a soft-iron inner cage for maximum protection against magnetic fields and water-resistance to 12 bar. The Ingenieur Automatic models consistently reflect the design cues of this traditional watch family. The main reason for this is the equally elegant and functional design of a watch with its three hands. The conspicuous bores in the bezel were the brainchild of watch designer Gérald Genta. In the case of the legendary Ingenieur SL unveiled in 1976, he placed the five functional holes directly on the bezel. Originally, they served to hold it in position. Since then, the bores and/or screw heads together with the stylized bolt of lightning have become the hallmarks of the Ingenieur family. Like the solid metal hands, the rugged-looking crown protection underscores the impression that you are dealing here with a genuine strongbox. The classic Ingenieur is supplied with a silver-plated or black dial. The model with a silver-plated dial has rhodium- or rose-gold-plated hands and appliqués, while the rhodium-plated hands and appliqués attractively contrast with the black dial.


IWC
SCHAFFHAUSEN
INGENIEUR
25
SWISS MADE


IWC
SCHAFFHAUS
25
INGENIEUR
SWISS MADE

INGENIEUR AUTOMATIC

REFERENCE 3239

REF. IW323906
in stainless steel with
stainless-steel bracelet

REF. IW323904
in stainless steel with
stainless-steel bracelet

REF. IW323902
in stainless steel with
stainless-steel bracelet

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display with crown-activated rapid advance · Central hacking seconds · Screw-in crown · Soft-iron inner case for protection against magnetic fields · Sapphire glass, flat, antireflective coating on both sides · Water-resistant 12 bar · Case height 10 mm · Diameter 40 mm

Laureus™

SPORT FOR GOOD FOUNDATION

BLUE IS THE COLOUR OF HOPE

The latest IWC “Laureus Sport for Good Foundation” special edition is already the ninth in the series. And, once again, the colour of hope for disadvantaged children is blue: the unmistakable Laureus blue found on the dial of the Ingenieur Automatic Edition “Laureus Sport for Good Foundation”.

THE LAUREUS SPORT FOR GOOD FOUNDATION CURRENTLY SUPPORTS OVER 150 PROJECTS WORLDWIDE

The watch is water-resistant to 12 bar and, despite having a case height of just 10 millimetres, is fitted with a soft-iron inner case for optimum protection against magnetic fields. With a relatively modest case diameter of 40 millimetres, the Ingenieur Automatic Edition “Laureus Sport for Good Foundation” was made for a slimmer wrist, and has a design that draws on the legendary Ingenieur SL of 1976.

Various kinds of sports give young people access to information about HIV and AIDS. Now, alongside athletics, the programme offers boxing, table tennis, volleyball, cycle racing and even judo

In 2014, in keeping with a revered tradition, IWC Schaffhausen organized another children’s drawing competition throughout all the Laureus Sport for Good Foundation projects. The subject of this year’s competition, “Time to celebrate”, encouraged many children and adolescents from all over the world to submit entries. The jury chose the drawing by 13-year-old Nakayenga Zahara from Uganda. Her picture shows a group of happy cheerleaders with pompoms celebrating a trophy. The winning design is engraved on the back of the case. The engraving is a reminder that some of the sales proceeds are destined to help Laureus Sport for Good Foundation projects in some of the world’s crisis regions.

Nakayenga is a participant in the Community Based AIDS Programme (COBAP). In a large, poverty-stricken area of Kampala, Uganda, where HIV/AIDS is a widespread problem and sanitary facilities are virtually non-existent, the Laureus Sport for Good Foundation supports COBAP. It gives HIV-infected children and adolescents access to sporting activities. AIDS prevention and education are increasingly becoming the focus of its work. At one time, it was difficult to motivate the inhabitants of the slums to attend events providing information about the health services. Sport has proven to be an effective means of establishing contact with the people and making them aware of issues as basic as these. COBAP employees organize sports events and use the half-time breaks for this purpose. The results are encouraging: the rate of HIV infection has slowed and drug abuse among young people is likewise declining.

LAUREUS SPORT FOR GOOD FOUNDATION

INGENIEUR AUTOMATIC EDITION
“LAUREUS SPORT FOR GOOD FOUNDATION”

REFERENCE 3239

REF. IW323909
in stainless steel with
stainless-steel bracelet

Limited edition of 1,500 watches in stainless steel · Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display with crown-activated rapid advance · Central hacking seconds · Screw-in crown · Soft-iron inner case for protection against magnetic fields · Sapphire glass, flat, antireflective coating on both sides · Water-resistant 12 bar · Case height 10 mm · Diameter 40 mm

PILOT'S WATCHES

SINCE 1936

THE MARK 11 IS THE BEST KNOWN OF ALL IWC PILOT'S WATCHES;
HERE THE ORIGINAL MODEL FROM 1948

During the pioneering days of aviation, most pilots had to navigate with the help of pocket watches. Wristwatches made especially for aviators were a rare occurrence. By contrast, the first Special Pilot's Watch, built by IWC in 1936, came with a rugged glass, a rotating bezel with an arrowhead index for keeping track of short periods of time and an antimagnetic escapement together with high-contrast, luminescent hands and numerals.

From 1940, IWC started producing the Big Pilot's Watch 52 T. S. C. in accordance with military specifications for a navigation or deck watch. It was the most voluminous wristwatch ever made by IWC. With its extremely reductionist design, the dial was clearly organized and took its cue from the cockpit instrumentation of contemporary aircraft. The instrument look was the inspiration for IWC's design of the Mark 11, produced from 1948 onwards. The best known of the Pilot's Watches from the Schaffhausen-based manufacturer was originally built for the Royal Air Force and was in service for more than 30 years.

In 1988, the launch of the Pilot's Watch Chronograph upheld the Pilot's Watch tradition. During the 1990s, IWC continued its development of the watch line. Following hot on the heels of automatic winding, complications such as the split-seconds mechanism and UTC (Universal Time Coordinated) found their way into the Pilot's Watch family. In 2002, IWC re-established its Big Pilot's Watch tradition when it unveiled an enormous timepiece with a 7-day movement and Pellaton automatic winding, the design of which leaned unmistakably on its even larger forebear launched in 1940. A year later saw the introduction of a Pilot's Watch series named after the legendary British aircraft, the Spitfire. In its day, the Spitfire was a masterpiece of technology and timeless elegance and became the model on which the eponymous IWC watch line was based.

From 2006, IWC 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. No other writer succeeded in describing the excitement of those pioneering days of aviation more vividly than Saint-Exupéry. His fiction addresses universal values such as friendship and humanity, and his best-known works "The Little Prince", "Night Flight" and "Southern Mail" have made him immortal. In 2014, IWC dedicated three new special editions to this great humanist: the Pilot's Watch Chronograph Edition "Le Petit Prince", the Big Pilot's Watch Edition "Le Petit Prince" and the Pilot's Watch Chronograph Edition "The Last Flight". The Pilot's Watch Chronograph Edition Antoine de Saint Exupéry launched in 2012 completes the collection.

THE IWC PILOT'S WATCH COLLECTION CONTINUES TO IMPRESS WITH OUTSTANDING TECHNOLOGY AND UNMISTAKABLE INSTRUMENT-INSPIRED DESIGN

In 2007, the first watch bearing the name TOP GUN joined the IWC Pilot's Watch squadron. The name comes from a special training course offered by the United States Navy Fighter Weapons School, the "Strike Fighter Tactics Instructor", better known by the legendary accolade "Top Gun". In 2012, named by IWC Schaffhausen as the Year of the Pilot's Watches, the TOP GUN collection established itself as an independent line in the IWC Pilot's Watch family with no fewer than five new models. For the first time, two of them sported authentic military-style design cues as well as haute-horlogerie-inspired technological features. Since 2012, the Spitfire fleet too has boasted an updated design as well as new features and movements manufactured in IWC's own workshops. This year, the Spitfire Perpetual Calendar Digital Date-Month is also available in a stainless-steel case. The IWC Pilot's Watch Classics collection continues to impress with outstanding technology and its unmistakable instrument-inspired design.

THE HISTORIC LEGACY OF THE DECK WATCHES

The Big Pilot's Watch TOP GUN Miramar and the Pilot's Watch Chronograph TOP GUN Miramar are a tribute to the birthplace of the Top Gun legend, the pilots' school of the US Marines in Miramar, California. It was from here, between 1969 and 1996, that the reputation of the intrepid elite pilots spread all over the world. The unusual division of the dial into an external chapter ring and an inner hour circle found in both timepieces recalls the deck watches of the 1930s and 1940s, and thus the historical legacy of IWC's Pilot's Watches. Likewise inspired by military-style design are the shimmering metallic grey of the ceramic case, the beige hands and chapter ring, as well as the green textile strap. The in-house 51111 calibre found in the Big Pilot's Watch TOP GUN Miramar – the largest automatic movement made by IWC – has a convenient 7-day power reserve. The Pilot's Watch Chronograph TOP GUN Miramar with its flyback function owes its 68-hour power reserve to the IWC-manufactured 89365 movement. A soft-iron inner case protects the chronograph's precision movement against magnetism. An elaborate Top Gun engraving embellishes the backs of both Miramar models.


26
25
24
IWC
SCHAFFHAUSEN

BIG PILOT'S WATCH TOP GUN MIRAMAR

REFERENCE 5019

REF. IW501902
in ceramic with green
textile 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 · Water-resistant 6 bar · Case height 15 mm · Diameter 48 mm

PILOT'S WATCH CHRONOGRAPH TOP GUN MIRAMAR

REFERENCE 3880

REF. IW388002
in ceramic with green
textile 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 · 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 16.5 mm · Diameter 46 mm


CALENDAR
DAYS
SUN
MON
TUE
WED
THU
FRI
SAT
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
IWC
SCHAFFHAUSEN
2015
SWISS MADE

PRECISION INSTRUMENTS WITH COCKPIT-STYLE DESIGN

The Big Pilot's Watch Perpetual Calendar TOP GUN, the Big Pilot's Watch TOP GUN and the Pilot's Watch Chronograph TOP GUN combine the black-and-white instrument look of the classic Pilot's Watches with the sporty design of the TOP GUN line. The cases made of black zirconium oxide together with the crown and push-buttons in titanium underscore IWC Schaffhausen's pioneering role as one of the first companies in the watchmaking industry to use these materials. In the Big Pilot's Watch Perpetual Calendar TOP GUN, the IWC-manufactured 51614 calibre with a 7-day power reserve drives a plethora of watchmaking complications. The perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase takes into account all the leap years in the Gregorian calendar until 2100. The in-house 51111 calibre found in the Big Pilot's Watch TOP GUN likewise builds up a power reserve of 7 days after just 1,960 complete revolutions of the rotor or after being fully hand-wound. Of course, no Pilot's Watch collection would be complete without a chronograph with down-to-the-second precision. Among the TOP GUN models in traditional cockpit design, this role falls to the Pilot's Watch Chronograph TOP GUN. As only fitting, it comes equipped with an IWC-manufactured movement in the form of the further-improved 89365-chronograph calibre. A soft-iron inner case protects the precision movement against magnetism.


CALENDAR
PERPETUAL

BIG PILOT'S WATCH PERPETUAL CALENDAR TOP GUN

REFERENCE 5029

REF. IW502902
in ceramic with black
soft strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 51614 calibre (50000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Perpetual calendar with displays for the date, day and month · Perpetual moon phase display · Double moon phases for the northern and southern hemispheres · Small 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 · Water-resistant 6 bar · Case height 16 mm · Diameter 48 mm

BIG PILOT'S WATCH TOP GUN

REFERENCE 5019

REF. IW501901
in ceramic with black
soft 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 · Water-resistant 6 bar · Case height 15 mm · Diameter 48 mm

PILOT'S WATCH CHRONOGRAPH TOP GUN

REFERENCE 3880

REF. IW388007
in ceramic with black
soft 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 · 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 16.5 mm · Diameter 46 mm


MONTH
DATE
PERPETUAL CALENDAR
YEAR
LEAP
SWISS MADE

ALL THE ELEGANCE OF A SPITFIRE IN FLIGHT

The Spitfire Perpetual Calendar Digital Date-Month shows the date and month in large numerals together with the 4 years of the leap year cycle. A specially designed quick-action switch generates the energy needed to advance the numeral discs. Every night, when the date display moves forward, it taps a little of the energy, stores it and then discharges it precisely at the end of the month or year. The perpetual calendar will not require intervention by a watchmaker until 2100, a year that breaks with the conventional four-year cycle and will not be a leap year. The shimmering, slate-coloured metallic dial with its sun-pattern finish and the warm tone of the 18-carat red gold case give the watch its premium-quality allure. The rotor takes the form of an elegant Spitfire silhouette. This year, for the first time, the Spitfire Perpetual Calendar Digital Date-Month appears in a stainless-steel case. The Spitfire Chronograph in 18-carat red gold and stainless steel also features a sun-pattern finish that reflects incident light in spiralling circles. The dark colour of the dial and the altimeter-like date display ensure that the Spitfire with its IWC-manufactured 89365 calibre bears a closer resemblance to classic instrumentation. The subdial at “12 o’clock” displays the minutes clocked by the stopwatch while the central hand shows elapsed seconds. Thanks to the integrated flyback function, the running stopwatch hand can be reset to zero and immediately starts recording another time.

SPITFIRE PERPETUAL CALENDAR DIGITAL DATE-MONTH

REFERENCE 3791

REF. IW379105
in 18-carat red gold with brown
alligator leather strap

REF. IW379107
in stainless steel with brown
alligator leather 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

SPITFIRE CHRONOGRAPH

REFERENCE 3878

REF. IW387803
in 18-carat red gold with brown alligator leather strap

REF. IW387802
in stainless steel with brown alligator leather strap

REF. IW387804
in stainless steel with stainless-steel bracelet

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 · 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 43 mm

TWO CLASSIC ORIGINALS

The Big Pilot's Watch from 1940 has significantly influenced the appearance of the current classic Pilot's Watches. Even now, over 70 years on, the latest model with its 46-millimetre case adds another chapter to the success story of this extraordinary watch. Its IWC-manufactured 51111-calibre movement – the largest automatic movement ever made by IWC – features a highly efficient Pellaton winding system with wear-resistant ceramic pawls and is protected against magnetic fields by a soft-iron inner case. Within no time at all, the spring-mounted rotor and Pellaton pawl-winding system build up a power reserve of over 7 days. The power reserve display at "3 o'clock" provides a reliable indication of the time remaining until the movement comes to a stop. In both form and function, the Pilot's Watch Mark XVII reflects the ideal established by classic pilot's watches. Like cockpit instruments, the dial is black with white indices and reduced to essentials. Featuring vertically arranged numerals, the date window recalls a cockpit-style altimeter. With its soft-iron inner case for protection against magnetic fields and a front glass secured against displacement by sudden drops in pressure, the Mark XVII takes up the tradition established by its historic forebear, the legendary Mark 11 from the 1940s. The most famous of all IWC Pilot's Watches was taken out of service only in 1981, over 30 years after its spectacular debut.


IWC
SCHAFFHAUSEN
DAYS
AUTOMATIC
25
SWISS MADE

BIG PILOT'S WATCH

REFERENCE 5009

REF. IW500901
in stainless steel with black
alligator leather 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 · Water-resistant 6 bar · Case height 16 mm · Diameter 46 mm

PILOT'S WATCH MARK XVII

REFERENCE 3265

REF. IW326501
in stainless steel with black
alligator leather strap

REF. IW326504
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 11 mm · Diameter 41 mm


IWC
SCHAFFHAUSEN
MON
26
25
24
SWISS MADE

CHRONOGRAPHS WITH A COCKPIT-INSTRUMENT LOOK

The Pilot's Watch Double Chronograph and the Pilot's Watch Chronograph feature the classic cockpit-style design with accents of colour. The dials were inspired by the cockpit instrumentation of the legendary JU-52 from the 1930s. The displays are generously sized and clearly arranged. The brilliant white hands and indices on the matte black background have a luminescent coating and guarantee optimum legibility by day or night. Apart from this, the altimeter-like date display underscores the instrument look. Signal red elements provide optical highlights: the small red seconds hand that shows the watch is running and the small triangle for the triple date display. Both chronographs function as stopwatches with aggregate timing up to 12 hours. A particularly conspicuous feature on the double chronograph is the third push-button at "10 o'clock". This can be used to stop the split-seconds hand at any time and to synchronize it again with the chronograph seconds hand, making it ideal for timing laps or intermediate times. With a soft-iron inner case for protection against magnetic fields and a sapphire glass secured against drops in pressure, the watches have all the credentials of watches designed for flying.

PILOT'S WATCH DOUBLE CHRONOGRAPH

REFERENCE 3778

REF. IW377801
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 · 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 · Water-resistant 6 bar · Case height 17.5 mm · Diameter 46 mm

PILOT'S WATCH CHRONOGRAPH

REFERENCE 3777

REF. IW377701
in stainless steel with black
alligator leather strap

REF. IW377704
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 · Water-resistant 6 bar · Case height 15 mm · Diameter 43 mm


SANTIAGO
S. GEORGIA
MEXICO
NEW YORK
R. JANEIRO
AZORES
LONDON
L. ANGELES
DENVER
UTC
PARIS
HAWAII
ANCHOR.
CAIRO
SAMOA
RIYADH
DUBAI
DATE LINE
KARACHI
DHAKA
BANGKOK
BEIJING
TOKYO
SYDNEY
NOUMEA
IWC
SCHAFFHAUSEN
SWISS
MADE

24 TIME ZONES AT A GLANCE

In view of rapidly advancing globalization, it is becoming increasingly important for pilots, frequent flyers and international business people to be able to keep track of things in different time zones. The Pilot's Watch Worldtimer surmounts this challenge in particularly elegant fashion. The dial shows current local time. If the wearer passes through one or several different time zones, the time can be adjusted forwards or backwards in one-hour steps to show the new local time, even when crossing the International Date Line. The date simply moves in sync with the jumping hour hand. Once set correctly using the crown, the rotating black-and-white 24-hour ring enables the wearer to read off the time in all 24 zones, including UTC (Universal Time Coordinated). The 23 place names on the external city ring each represent a time zone. If local time is changed on the dial, the time shown by the 24-hour ring remains unaffected and the movement continues to run during the changeover. With its vertically arranged numerals, the triple date display is reminiscent of the altimeter found in an aircraft cockpit. The Pilot's Watch Worldtimer is secured to the wrist by a black alligator leather strap with a folding clasp.

The 24-hour ring and date disc help the wearer keep track of different time zones

PILOT'S WATCH WORLDTIMER

REFERENCE 3262

REF. IW326201
in stainless steel with black
alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · 24-hour display for Worldtimer function · 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 13.5 mm · Diameter 45 mm


IWC
SCHAFFHAUSEN
DAYS
AUTOMATIC
25
SWISS MADE
IWC
AUTOMATIC
25

FOR MEN WITH A STRONG SENSE OF FAMILY

For men with a strong sense of family, IWC has an exclusive special edition: the “Pilot’s Watches for Father and Son” are available as a double edition or as a set of several pieces, in a high-quality presentation case. Father and son can retain their individuality while demonstrating the same exquisite taste. The father’s model is based on the Big Pilot’s Watch with a 7-day power reserve and date display. The smaller timepiece for the son, with its automatic 30110-calibre movement is, technically speaking, virtually identical to the Pilot’s Watch Mark XVI. Water-resistance to 6 bar and a glass secured against displacement by drops in air pressure make the Pilot’s Watch for sons a reliable everyday companion. Even if the technical specifications of the two models differ, the visible similarities are unmistakable. Both watches have a stainless-steel case, an eye-catching crown and a black alligator leather strap. Engraved with a dedication, they become a precious family heirloom that can be handed down from one generation to the next. This Pilot’s Watch set also comes with several watches for fathers with more than one son. The inner circle on the back is reserved for the engraving of a name, which is a stylish form of personalization and also prevents mix-ups.

BIG PILOT'S WATCH FOR FATHER AND SON

REFERENCE 5009

REF. IW500906
in stainless steel with black
alligator leather strap

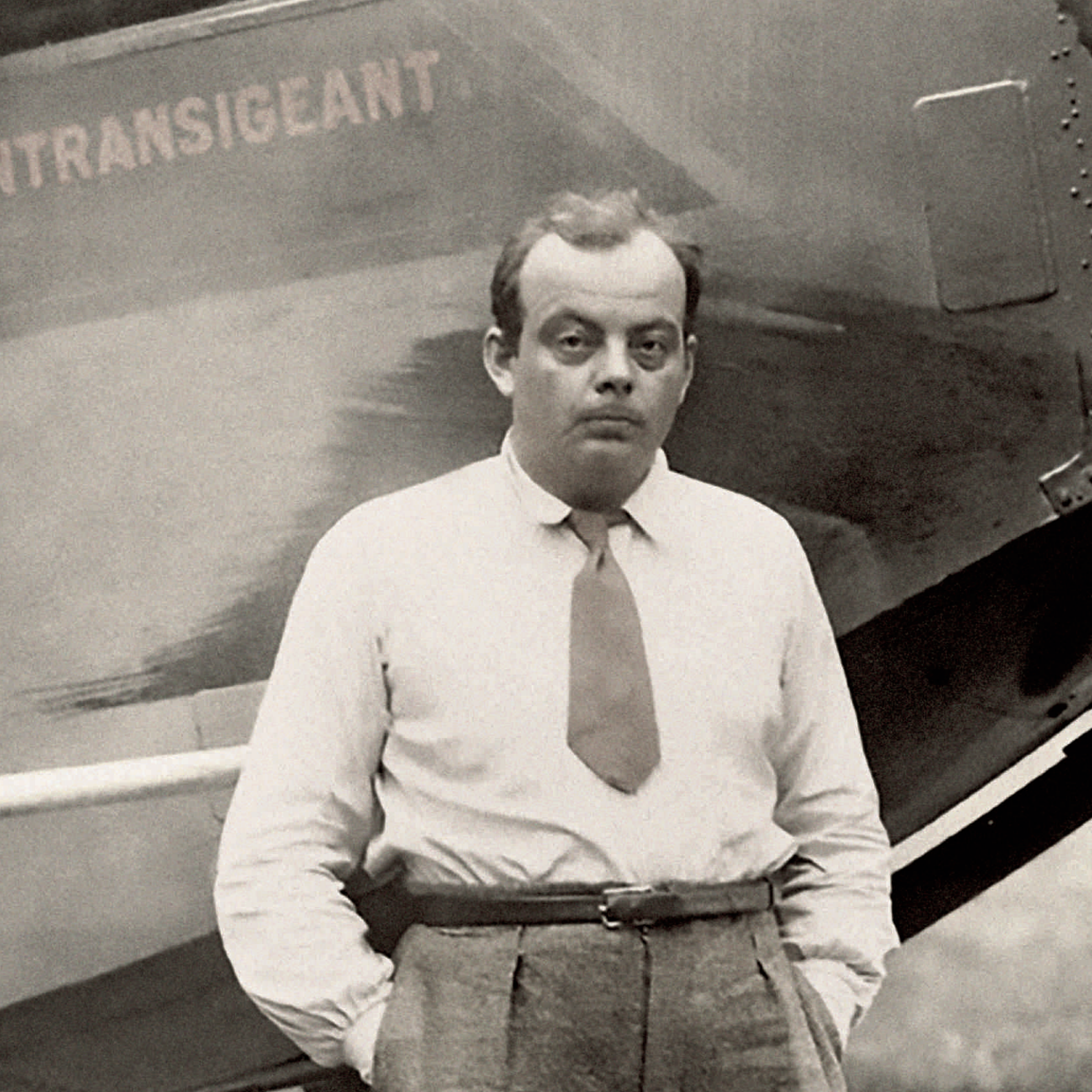
Mechanical movement · Pellaton automatic winding · IWC-manufactured 51111 calibre (50000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Date display · Central hacking seconds · Glucydur®* beryllium alloy balance with high-precision adjustment cam on balance arms · Breguet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

PILOT'S WATCH MARK XVI FOR FATHER AND SON

REFERENCE 3255

REF. IW325519
in stainless steel with black
alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · 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 11 mm · Diameter 39 mm


NTRANSIGEANT

A TRIBUTE TO A PILOT, POET AND PIONEER

FONDATION ANTOINE DE SAINT EXUPÉRY

On 31 July 1944, Antoine de Saint-Exupéry took off on what was scheduled to be his last reconnaissance flight in a Lockheed P-38 Lightning, heading for Grenoble. He never returned. In the year 2000, parts of a Lightning were discovered on the bed of the Mediterranean, later recovered and in 2004 conclusively identified as Saint-Exupéry's reconnaissance plane. Now, 70 years after Saint-Exupéry's last flight, IWC honours the celebrated author and humanist with three limited-edition versions of the Pilot's Watch Chronograph Edition "The Last Flight". The watch, which is equipped with the IWC-manufactured 89361 calibre, is largely tobacco brown in colour, a feature as typical of the "Saint Ex" special editions as the calfskin strap with cream-coloured quilted stitching. The case, made of extremely light and rugged silicon nitride, is a world-first from IWC. The push-buttons, crown and case back are made of titanium, 18-carat red gold or platinum. The engraving on the reverse side shows a likeness of Saint-Exupéry in his flying suit together with the inscription "The Last Flight – 1944/2014". Another timepiece to commemorate the event appeared in 2012 with the Pilot's Watch Chronograph Edition Antoine de Saint Exupéry, the case back of which is embellished with an engraving of his last aircraft. The watch is available in a limited edition of 500 watches in 18-carat red gold and unlimited in stainless steel.

PILOT'S WATCH CHRONOGRAPH EDITION "THE LAST FLIGHT"

REFERENCE 3880

REF. IW388005
in silicon nitride and platinum
with brown calfskin strap

Limited edition of 17 watches in platinum · 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 · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 16.5 mm · Diameter 46 mm

PILOT'S WATCH CHRONOGRAPH EDITION "THE LAST FLIGHT"

REFERENCE 3880

REF. IW388006
in silicon nitride and 18-carat red gold
with brown calfskin strap

REF. IW388004
in silicon nitride and titanium with
brown calfskin strap

BACK VIEW
for both References
(shown here is IW388004)

Limited edition of 170 watches in 18-carat red gold and 1,700 watches in titanium · 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 · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 16.5 mm · Diameter 46 mm

PILOT'S WATCH CHRONOGRAPH
EDITION ANTOINE DE SAINT EXUPÉRY

REFERENCE 3878

REF. IW387805
in 18-carat red gold with brown
calfskin strap

Limited edition of 500 watches in 18-carat red gold · 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 · Glass secured against displacement by drops in air pressure · Special back engraving · Water-resistant 6 bar · Case height 15.5 mm · Diameter 43 mm

PILOT'S WATCH CHRONOGRAPH
EDITION ANTOINE DE SAINT EXUPÉRY

REFERENCE 3878

REF. IW387806
in stainless steel with brown
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 · 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 43 mm

IWC FLIES WITH THE LITTLE PRINCE

The world-famous tale “The Little Prince” inspired IWC Schaffhausen to create two new special editions that include the book’s title in their names and feature eye-catching midnight blue dials. The Pilot’s Watch Chronograph Edition “Le Petit Prince” is equipped with a vertical triple date display reminiscent of the altimeter found in an aircraft’s cockpit. The case back is embellished with an engraving of the little prince wearing his fluttering scarf meeting the fox that wishes to be tamed. The Big Pilot’s Watch Edition “Le Petit Prince” fits in perfectly with our image of Saint-Exupéry as a fearless pilot. Both models have their roots in the pioneering age of aviation, when pilots sat in unheated cockpits and wore their watches on long leather straps over their padded overalls. The watches were fitted with oversize crowns that could be operated even when wearing gloves. Limited to 1,000 watches, the timepiece has a 7-day power reserve and elegant sun-pattern finish. The back engraving shows the little prince in his never-ending battle with the baobab tree seedlings, which, if allowed to take root, would split his tiny planet in pieces.

BIG PILOT'S WATCH EDITION "LE PETIT PRINCE"

REFERENCE 5009

REF. IW500908
in stainless steel with
brown calfskin strap

Limited edition of 1,000 watches · 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 16 mm · Diameter 46 mm

PILOT'S WATCH CHRONOGRAPH EDITION "LE PETIT PRINCE"

REFERENCE 3777

REF. IW377706
in stainless steel with
brown calfskin 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 · 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

SERVICE AND FACTS


PROBUS
SCAFUSIA
IWC
SCHAFFHAUSEN
DAYS
AUTOMATIC

SERVICE: GENERATIONS TAKE PLEASURE IN WATCHES FROM IWC

In 25 countries around the world, over 200 watchmakers and service technicians are dedicated to the maintenance and repair of IWC watches of every vintage since the company was founded in 1868. To ensure that no single detail is lost, IWC has maintained detailed records of every watch that has left the factory since 1885. All information is noted, including sale date, calibre, material and case numbers and, in the case of newer models, the reference number. Heirs and subsequent buyers have the option of obtaining precise information about their IWC watch for a fee, thus confirming its authenticity. This and further information is provided in the form of a certificate.

MAINTENANCE AND SERVICE

At the heart of the repairs department in Schaffhausen lies the spare parts store. This accommodates millions of meticulously ordered components. At IWC, the availability of original spare parts is crucial because they are essential if watches are to be kept running for generations. In order to prevent certain moving parts from wearing, as well as the natural ageing of oils and lubricants, we recommend owners to have a maintenance service carried out approximately every 2 years and a complete service every 5 years. The intervals between individual services vary considerably depending on how the watch is used and the conditions to which it is exposed.

MAINTENANCE SERVICE

As part of the maintenance service, mechanical movements are demagnetized, and in quartz movements the battery is replaced. The case and metal components of the strap are cleaned. Readjustment of the movement, replacement of the case seals, a water-resistance test and a functional check are also included in the maintenance service.

COMPLETE SERVICE

The complete service involves dismantling the movement piece by piece and cleaning the individual components. Specialists carefully examine every part of the movement and repair or replace worn or faulty parts. Subsequently, the watch is reassembled from scratch and, where necessary, oiled and lubricated. Finally, the watch's accuracy is tested and the movement is readjusted.

The case is also completely dismantled. Case and strap components are ground or polished and the angles finished and then thoroughly cleaned. Before the watch is returned to the customer, it undergoes a final intensive testing phase lasting several days. Only by going to these lengths can IWC guarantee that the watch will run accurately and remain water-resistant for years to come.

Every owner of an IWC watch can help to increase the useful service life of his timepiece. Tips and suggestions can be found on the company's website at IWC.com and in the service brochure, "IWC service", which can be obtained at IWC boutiques and IWC service centres, as well as from our authorized retailers.

IWC TRAINING CENTRE: THE APPRENTICES OF TODAY ARE THE MASTERS OF TOMORROW

Ever since its foundation, IWC has been like a “watch island”, far removed from the traditional watchmaking centres of western Switzerland. This is one of many reasons why the company has been forced to make its own arrangements to ensure a steady supply of individuals skilled in the manufacture of mechanical watches. Since the late 1970s, qualified watchmakers have once again been much in demand, but IWC started offering apprentice training according to state-recognized certification standards as early as 1950. This resulted in the foundation of its own training centre for watchmaking professions in 1968. In 2015, a new set of regulations for trainees and apprentices came into force; these offer budding watchmakers more flexible opportunities. Every year, IWC trains up to 14 skilled workers. There are currently 42 trainees following 7 different specialist courses.

At IWC, apprentices learn the craft of watchmaking in its many different forms. They have the opportunity to undertake an apprenticeship lasting 3 or 4 years and gain the qualification “Uhrmacher Produktion EFZ” (Swiss Federal Diploma in watch assembly) or “Uhrmacher EFZ” (Swiss Federal Diploma in watchmaking). Basic training covers the winding mechanism, the train and the motion work, the parts of the escapement, setting the spring and installing the finished balance in the watch. The watchmaker fine-tunes the movement and inserts it in the case, and also learns how to service and repair various watch models. The aim is to give the young trainees as broad an introduction as possible to their profession. Apart from the necessary practical skills, this includes personal factors such as independence, flexibility and creativity as well as other factors such as a willingness to learn or work in a team: for these, too, are essential characteristics for anyone intending to make complex IWC watches.

At IWC, young people are introduced to the broad spectrum of a watchmaker’s profession

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. Economic efficiency does not exclude responsibility to and solidarity with society, or the practice of exemplary ecological policies.

IWC has deep roots in the town of Schaffhausen in north-eastern Switzerland, the location of the company's foundation and its headquarters to this day. The company promotes numerous social, cultural and sporting activities in the region. But as an internationally successful company, IWC Schaffhausen also sponsors social and ecology-related projects worldwide. This commitment manifests itself in the partnerships IWC has cultivated for many years with various institutions.

Laureus Sport for Good Foundation

Since 2005, IWC has been a main sponsor of the **Laureus Sport for Good Foundation**. This globally active Foundation uses the power of sport to coach disadvantaged young people, or to give them an education that will enable them to surmount the pressing social challenges that confront them.

The **Antoine de Saint-Exupéry – d'Agay 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.

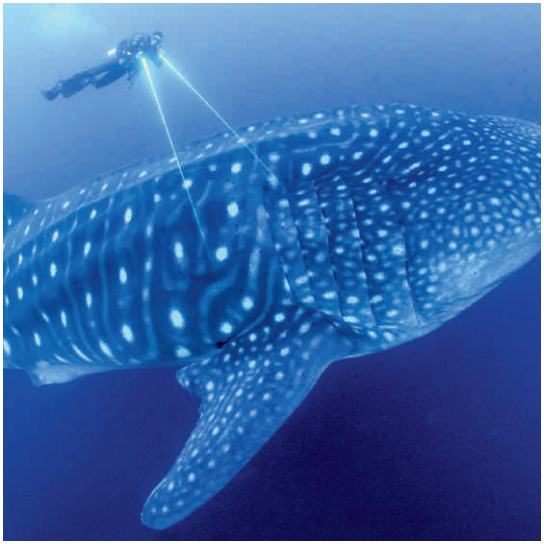
The **Cousteau Society**, founded in 1973, continues the scientific work of the famous marine researcher Jacques Cousteau, and is committed to the protection of marine life. IWC has worked with the Foundation since 2004.

IWC AND SYSTEMATIC ENVIRONMENTAL PROTECTION

Thanks to rigorous environmental management, IWC has adopted a leading role in environmental protection. The company has covered all its energy needs with ecological hydroelectric power since 2007 and is CO_2-neutral. IWC compensates for emissions that cannot be eliminated entirely by making voluntary payments into potentially beneficial environmental projects.

Laureus Sport for Good Foundation

Antoine de Saint-Exupéry – d'Agay Foundation



Charles Darwin Foundation

Cousteau Society


IWC

EVERY COMPANY HAS BOTH A SOCIAL AND AN ECOLOGICAL RESPONSIBILITY

Modern, ecologically sound building techniques have enabled IWC to keep the energy consumed at its headquarters constant for more than a decade. This is all the more impressive when one considers that both production and the total useful area of the building's facilities have more than doubled in that time. At it's Schaffhausen home, IWC recycles energy in the form of residual heat from wastewater in the city's sewers. At the heart of the system is a combination of cooling and heat pumps that are able to generate heat or cold alternately, or even simultaneously. Moreover, two groundwater holders, which can be used to cool the building and machines and, when necessary, supplement the heating system.

In addition to this, 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. Other important contributions in this direction are the photovoltaic system installed in 2013 and the introduction of e-mobility for internal transport.

IWC uses only FSC-certified paper, and does so as economically as possible. Logistics and transport are regularly reassessed to ensure efficient use of resources.

On a private level, IWC contributes towards environmental protection by encouraging employees to use public transport and by purchasing electric vehicles.

IWC is a member of The Climate Group, an international, independent non-profit organization, which works closely with governments and business leaders to generate intelligent strategies and technologies that reduce global emissions.

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 their value-added chain for ethical, social and environmental practices, and to guarantee the observance of human rights. Another example of responsible behaviour towards natural resources is the protection of animals living in the wild. From the very beginning, IWC has renounced the use of leather of threatened or protected species of reptiles and complies with the Washington Convention on International Trade in Endangered Species of Wild Fauna and Flora. For this reason, IWC only uses leather from animals that have been bred and raised on farms.

WATCH MUSEUM: PLUNGING INTO THE WORLD OF IWC

For watch devotees and IWC fans, a visit to the company's premises in Schaffhausen has long been an unforgettable and defining experience. Since 2007, IWC has opened its doors to visitors in a completely redesigned watch museum. The light-flooded areas on the converted ground floor of the main building – formerly the case and parts manufacturing departments – provide a luxurious and, at the same time, functional setting for over 140 years of company history and over 230 carefully selected exhibits. Since 2010, the IWC watch museum has been a member of the Swiss Museums Association (VMS).

In light-flooded rooms and stylish surroundings, visitors can take an entertaining stroll through 147 years of IWC history

The tour begins in the West Annexe, where visitors can view original watches from the first 100 years of IWC. The pieces on display include valuable rarities from the history of watchmaking, including one of the very first IWC watches, an "American" hunter pocket watch with the 1874-calibre F. A. Jones movement, or the first Pallweber pocket watches with a digital display from the mid-1880s. Equally striking are the first Pilot's Watches made in the 1930s and 1940s, especially the Big Pilot's Watch launched in 1940; with a case measuring 55 millimetres in diameter, it is still one of the world's largest wristwatches. Multimedia displays and tableaux provide a detailed and multifaceted introduction to the individual exhibits.

Comfortable, lounge-style furniture with audio stations gives interested visitors an opportunity to relax and go with the flow of time as they immerse themselves in an acoustic interpretation of the past and present of luxury mechanical watchmaking. The museum's East Annexe provides a suitable home for the IWC watch families created since 1970. Here visitors can admire milestones in modern haute horlogerie such as the first Da Vinci wristwatch to feature the first IWC 2001-calibre quartz movement (Beta 21) or the legendary Il Destriero Scafusia. IWC is always pleased to welcome interested visitors to its museum, but group visits are unfortunately not possible without advance notice in writing. We look forward to receiving your written request through: visit@iwc.com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F. A. JONES FOUNDS THE INTERNATIONAL WATCH COMPANY IN 1868

1868

Florentine Ariosto Jones (1841-1916), a watchmaker from Boston, Massachusetts, founds the International Watch Company in Schaffhausen. His aim: to produce high-quality pocket watches for the American market.

1899

One of the first known wristwatches leaves Schaffhausen destined for the market. IWC's small 64-calibre ladies' pocket watch movement is housed in a dainty case fitted with lugs for the bracelet.

1915

Two newly developed calibres, the 75 and the 76, are the first movements designed by IWC specifically for wristwatches.

1931

IWC creates elegant, rectangular watches that contain the newly designed tonneau-shaped 87 calibre.

1936

The first IWC Special Pilot's Watch is launched. It features a rotating bezel with an arrowhead index that can be used to register take-off times. The watch is also fitted with an antimagnetic escapement.

1939

The birth of the Portugieser (Portuguese) watch: two importers from Portugal order a series of large wristwatches with high-precision pocket watch calibres.

1940

In response to demand, IWC develops the Big Pilot's Watch 52 T. S. C. with a central seconds hand. Its black dial references the design of cockpit instrumentation and influences the subsequent instrument look of Pilot's Watches.

THE 85 CALIBRE, DESIGNED BY ALBERT PELLATON, FEATURES IWC'S FIRST AUTOMATIC WINDING MECHANISM

1944

The launch of IWC's first W. W. W.: a new wristwatch for military use by the British Army. The letters W. W. W. engraved on the back of the case stand for "Watch, Wrist, Waterproof", and the royal arrowhead insignia is used as a mark of ownership. Albert Pellaton, born in 1898, takes up his post as Technical Director at IWC.

1946

Pellaton's first design, the 89 calibre movement, has a central seconds hand and is extremely accurate.

1948

Launch of the Pilot's Watch Mark 11 from IWC with the 89 calibre. Its soft-iron inner case provides unusually high protection against magnetic fields.

1950

The 85 calibre, designed by Albert Pellaton, features IWC's first automatic winding mechanism. The innovative pawl-winding system replaces the traditional reciprocal gearing and, at this time, is a patented proprietary development by IWC.

1955

Hans Ernst Homberger becomes the company's last private owner. The Ingenieur with Pellaton automatic winding is launched.

1967

With the Aquatimer, IWC marks the beginning of a successful series of diver's watches. Pressure-resistant to an unprecedented 20 bar, it is the watch of choice for professional underwater use. The Yacht Club Automatic is unveiled at the Swiss Watch Show in Basel.

1976

With the new Ingenieur SL, IWC takes the Ingenieur tradition a step further. The watch is designed by Gérald Genta.

1978

The cooperation with designer F. A. Porsche results in the first wristwatch with a built-in compass. The same year, German instrument manufacturer VDO Adolf Schindling AG acquires IWC.

1980

IWC produces the world's first chronograph in a titanium case, designed by F. A. Porsche. IWC procures its expertise in the machining of titanium through an exchange of ideas with Aérospatiale and other leading technology specialists.

1984

The Portofino watch line brings a touch of Italian flair to the IWC collection. The Reference 5251 inspired the new watch family.

1985

The Da Vinci is the first IWC chronograph to feature a perpetual calendar that is mechanically programmed for the next 500 years and can be set using only the crown. Another exclusive feature is the four-digit year display.

1986

IWC begins to use zirconium oxide, a scratch-resistant ceramic virtually unaffected by wear and tear, as a new case material.

1987

With its Novecento (Italian for “20th century”) the Schaffhausen-based company presents the first rectangular, water-resistant and automatic IWC watch with a perpetual calendar.

1989

Tested in a magnetic resonance tomograph, the antimagnetic protection of the Ingenieur Automatic “500,000 A/m” withstands no fewer than 3.7 million amperes per metre.

1990

A quantum leap in haute horlogerie: the wristwatch-size Grande Complication is launched with a wealth of functions: a chronograph with a perpetual calendar, minute repeater and moon phase display. It is a masterpiece that was seven years in the making.

1993

To mark its 125th anniversary, the Schaffhausen-based watch manufacturer unveils what was then the world’s most complicated mechanical wristwatch: Il Destriero Scafusia, “The Warhorse of Schaffhausen”. The exclusive timepiece features a tourbillon, split-seconds chronograph, minute repeater and perpetual calendar, as well as many other complications. That same year, in a limited series, IWC revives the tradition of the large-calibre Portugieser wristwatches.

1994

The Pilot’s Watch Mark XII maintains the tradition of the legendary Mark 11.

2000

With the extra-large 5000 calibre, which runs for 7 days and features a power reserve display and a Pellaton automatic winding system, IWC’s designers develop the company’s own movement for large wristwatches. IWC is acquired by Richemont.

2002

IWC revives its Big Pilot’s Watch tradition and unveils the Big Pilot’s Watch with a 7-day movement, automatic winding system, power reserve display and date display.

2004

IWC relaunches the Aquatimer family. The Portugieser Automatic embarks on a successful career that has lasted to this day. New models are also added to the Da Vinci and Portofino lines.

2008

On the 140th anniversary of its foundation, IWC pays homage to the legendary founders of its six watch families in an exclusive IWC Vintage Collection. The West Annexe, built for the company’s watchmakers in the same style as the East Annexe, is completed.

2013

The completely overhauled Ingenieur collection is inspired by IWC’s new cooperation with the MERCEDES AMG PETRONAS Formula One™ Team. Case materials such as titanium aluminide, carbon, ceramic and titanium are inspired by the range of materials used in FORMULA ONE.

2014

Roll-out of the new Aquatimer generation, with an innovative external/internal rotating bezel. It combines the advantages of an internal rotating bezel with the ease of use of an external rotating bezel. With the new digital perpetual calendar, the mechanical depth gauge and pressure-resistance to 200 bar, the watch family confirms its arrival at the highest level in haute horlogerie. It is also the first time IWC has used bronze, a material with a charisma of its own, for a watch case.

IMAGES

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For its Annual Edition, IWC uses paper from sustainable forestry cultivation projects as a means of supporting environmentally friendly forestry methods designed to protect the woodlands of Europe.

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TECHNICAL DETAILS

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

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

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