

CRAFTSMANSHIP  
MADE IN SCHAFFHAUSEN

# COLLECTION 2020/2021

IWC  
SCHAFFHAUSEN

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2020/2021



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## A TIMELESSLY MODERN ICON

Only very few designs are genuinely timeless. With its Portugieser, IWC created just such an icon more than 80 years ago. The starting point for the Reference 325, as it was known, was a hunter pocket watch movement. The clear, functional layout of the dial was inspired by the deck watches that the company made back then for the British Royal Navy. It meant that from the very outset, the Portugieser had the typical style cues of a pocket watch coupled with the high level of precision and simple legibility of a nautical instrument.

It was the restrained, clean-cut design of the Portugieser Chronograph that sent me into raptures for the IWC brand – even back when I was still a student. This explains why I am all the more delighted to present a distinctive expansion to the watch family today. Now, for the first time, the new collection is entirely equipped with high-quality IWC-manufactured calibres. Other highlights are models with reduced diameters. My personal favourite is the Portugieser Yacht Club Moon & Tide, the first model to feature our newly developed tide indicator.

A mechanical watch manufactured in our workshops will last for generations and is thus, intrinsically, a sustainable product. We produce our watches as sustainably as possible – by minimizing the impact of our activities on the environment, for example, or procuring our raw materials responsibly. The new My IWC likewise is a further expression of our total commitment to sustainability. As part of this programme, we offer a six-year extension on the standard two-year warranty that applies to every IWC watch. This extended guarantee has resulted from many years of wide-ranging investment in new production capacities, IWC-manufactured movements and superlative quality.

May you continue to have pleasure with the beautiful subject of time!



CHRISTOPH GRAINGER-HERR  
CEO of IWC Schaffhausen



The deck watches in pocket watch size that IWC produced for the British Royal Navy were used for navigation; the first Portugieser was inspired by their size, precision and simple legibility

## OUR HISTORY

In 1868, an American watchmaker by the name of Florentine Ariosto Jones from Boston came to Switzerland with a bold entrepreneurial idea. He planned to combine modern production methods from his home country with the craftsmanship of Swiss watchmakers to make high-quality pocket watches for the luxury sector.

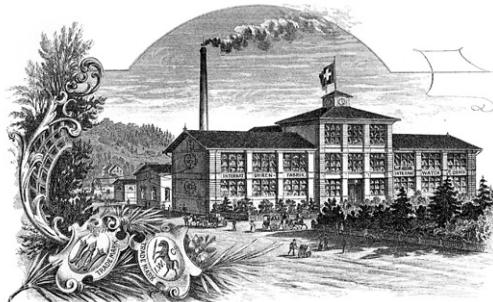
In Schaffhausen, Jones founded the “International Watch Company” and rapidly established an infrastructure for the manufacture of several thousand watch movements per year. He thus laid not only the foundations for the unique engineering approach that has defined IWC to this day; he was also a pioneer in the centralized, systematically organized production of mechanical watches in Switzerland.

In the more than 150 years since then, IWC has made a name for itself worldwide with functional complications. The specialities of the watchmaking company in north-eastern Switzerland include rugged chronographs and mechanical calendars, which are both technically elegant and easy to use. The best-known complication from Schaffhausen is the perpetual calendar developed by Kurt Klaus in the 1980s. Its complex mechanical programme independently recognizes the differing lengths of the months and automatically takes leap years into account.

In more recent decades, the company has also acquired all-round expertise in the field of innovative case materials. IWC was a pioneer in the machining of titanium and ceramic and today specializes in watch cases made of advanced technical materials such as titanium aluminide and Ceratanium®. This newly developed material is as light and resilient as titanium, but at the same time as hard and scratch-resistant as ceramic.

IWC has a clean, functional design language and develops its timelessly beautiful watches using the “form-follows-function” principle. Many of Schaffhausen’s iconic designs have emerged as a result of concrete engineering challenges. They include the eye-catching dials of the Pilot’s Watches, which are reminiscent of easy-to-read instruments in the cockpit.

In 2018, the production of components, IWC-manufactured movements and cases was brought together under one roof in a new manufacturing centre. Production in this spacious, flexible, open-plan facility is arranged in logical, sequential stages from the raw material to the finished movement or case. Computer-controlled precision assembly machines work under the skilled eyes and hands of the best people in their métier. The result is aesthetically perfect timepieces that are both extremely precise and reliable, and designed to give their owners a lifetime of pleasure.





IWC's new manufacturing centre has numerous features that foster responsible production and, like its headquarters, offers optimum working conditions for employees

## TIMELESS INSTRUMENTS, SUSTAINABLE MANUFACTURE

High-precision pocket watches manufactured using a combination of traditional craftsmanship and state-of-the-art production methods and technologies. It was with this visionary idea that Florentine Ariosto Jones founded the International Watch Company in Schaffhausen in 1868. But the American watchmaker was not only a pioneer in the centralized production of timepieces. He also recognized the benefits of renewable energies at an early stage and used hydropower from the Rhine to drive the machines in his factory.

IWC has remained true to the ideals of its founder to this day. The company produces its mechanical watches with the focus on high quality, reliability and a long service life. The entire value-added chain, from design, the development and production of in-house movements and cases through to marketing, is concentrated entirely in the company's home of Schaffhausen. IWC watches are timelessly beautiful instruments that will give their owners a lifetime of pleasure.

And when the issue at stake is sustainability, IWC likewise maintains Jones's legacy: the company covers most of its electricity needs at headquarters and in the new manufacturing centre using "green" hydroelectric power. In 2018, IWC became the first Swiss watchmaking company to publish a sustainability report in accordance with the best practice standards of the Global Reporting Initiative (GRI). As part of this, the company commits to achieving eight measurable sustainability targets by 2020. In December 2018, IWC came out top in a report published by WWF Switzerland on the environmental impact of 15 brands in the Swiss watch and jewellery sector. Apart

from this, and for the first time ever in 2019, IWC was awarded certification calling it a "Great Place to Work".

The new manufacturing centre, which was inaugurated in 2018, has numerous features that foster responsible production. The ultra-modern production site offers excellent working conditions, with lots of daylight and ergonomically designed workplaces for its employees. Part of its electricity needs are covered by a photovoltaic system installed on the roof. Water for cooling and heating purposes is sourced from two groundwater holders.

Anyone who wishes to do business sustainably needs to take a long, critical look at their supply chain. IWC has been a certified member of the Responsible Jewellery Council (RJC) since 2014. Suppliers of gold and diamonds, for example, must fulfil strict RJC guidelines regarding the social and ecological repercussions of their activities.



IWC's commitment to corporate social responsibility manifests itself in the measurement and control of central constituents in this vital sector



IWC invests continuously in the training of young watchmakers and other specialists

IWC is one of the first companies in the Swiss watch industry to seek certification in accordance with the RJC's revised, stricter guidelines published in 2019. The company's quest is to establish a completely transparent and sustainable supply chain in which every single part of a watch can be traced back to its origin.

Sustainability is a process that is never completed. For this reason, the company continuously identifies critical areas and strives for further improvements. One example is the reduction in the use of plastic. In January 2019, IWC Schaffhausen signed the Ellen MacArthur Foundation's New Plastics Economy Global Commitment, undertaking to eliminate plastic we don't need, and ensure that all plastic we do use is 100% reusable, recyclable or compostable, with regards to the plastic in our packaging, by 2025. So far as is practical, we'll also extend

this beyond packaging to other plastics throughout IWC, while taking care never to compromise on quality. The new boxes introduced for watches in April 2019 already contain 90 per cent less synthetic material than the previous packaging.

As a company with a history going back over 150 years, IWC likewise makes a significant social contribution. The watchmaking company has a clear commitment to its location in Schaffhausen and is one of the region's most important employers. IWC invests consistently in the training of its specialists to ensure that the unique craft of watchmaking and the engineering skills required to produce mechanical watches are maintained for posterity. For only by doing so can the company ensure that it will continue to fulfil its customers' dreams tomorrow.

## EIGHT-YEAR WARRANTY

High precision and perfect quality: for over 150 years these are the values that have been pursued with a passion at IWC. Every single day. The Schaffhausen-based watch manufacturer's watchmakers and engineers, materials scientists and creative specialists are among the best in their respective fields. They produce every single watch with painstaking care and attention to detail. With a seamless quality management system and a stringent inspection and test phase, IWC focuses on the robustness, long service life and suitability of its mechanical timepieces for everyday wear.

The uncompromising quest for quality pursued by the watchmakers and engineers in Schaffhausen is also an expression of the "Probus Scafusia" seal of quality. It was created back in 1903 at the initiative of Johannes Rauschenbach-Schenk, the IWC director at the time. Since then it has been the face of the all-round promise of quality that the company gives its

customers. "Probus Scafusia" is Latin and, roughly translated, means "Craftsmanship made in Schaffhausen". Since its inception, the motto has been engraved on the movement and crown of every IWC watch.

In recent years, IWC has made renewed significant investments in the quality and long service life of its products. An important milestone was the opening of the new manufacturing centre in 2018. In this pioneering production facility, IWC unites the traditional art of watchmaking with state-of-the-art production methods and technologies. As part of its new My IWC customer service programme, the company now offers a six-year extension of the standard two-year international warranty. Anyone registering for My IWC is now granted privileged access to the world of IWC and regularly informed about important new developments and events.



Thanks to a demanding inspection and testing programme, IWC can guarantee the very highest quality

REGISTER TO EXTEND YOUR  
STANDARD TWO-YEAR INTERNATIONAL  
LIMITED WARRANTY BY SIX YEARS:  
[WWW.IWC.COM/MYIWC](http://WWW.IWC.COM/MYIWC)



— SINCE 1939 —

# PORTUGIESER



THE SIZE AND DISTINCTIVE MODERNITY OF THE FIRST PORTUGIESER  
ATTRACTED WIDESPREAD ATTENTION

## IWC ADDS ATTRACTIVE NEW MODELS TO THE PORTUGIESER FAMILY WHILE METICULOUSLY DEVELOPING ITS ICONIC DESIGN

More than 150 years ago, an American watchmaker by the name of Florentine Ariosto Jones came to Switzerland to manufacture rugged, high-precision pocket watch movements with the International Watch Company. Pocket watches were the timepieces of choice whenever maximum precision and reliability were required. For instance, IWC produced deck watches that were used for navigation purposes for the officers of the British Royal Navy.

In the late 1930s, these pocket watch-size nautical instruments inspired an unusual wristwatch: the Reference 325, based on a hunter pocket watch calibre, featured a simple chapter ring, Arabic numerals and slender feuille hands. The dial of the watch, which was later emblazoned with the name Portugieser, has remained virtually unchanged ever since. Its clear-cut, functional design looks every bit as fresh and contemporary as it did over 80 years ago. The Portugieser thus perfectly embodies the timeless modernity that distinguishes the IWC brand.

Now, for the first time, the new collection is entirely equipped with high-quality IWC-manufactured calibres. Even in its standard version, the popular Portugieser Chronograph is now fitted with the IWC-manufactured 69355 calibre and features a see-through sapphire-glass back.

The Portugieser Automatic 40 is a new addition and is equipped with the self-winding IWC-manufactured 82200 calibre. The watch, with its iconic Portugieser design, comes with a reduced diameter of 40 millimetres. The ergonomic Portugieser Perpetual Calendar 42 has a diameter of just 42 millimetres which makes it highly wearable. It comes with the perpetual calendar designed

by Kurt Klaus and is based on the IWC-manufactured 82650 calibre. The calendar information is shown on three highly legible subdials.

In its elegant 44-millimetre case, the Portugieser Yacht Club Chronograph has a distinctively sporty note. The chronograph is powered by the IWC-manufactured 89361 calibre. A new stainless-steel bracelet makes the watch exceptionally comfortable to wear. In the Portugieser Yacht Club Moon & Tide, the first model to feature the newly developed tide indicator, IWC once again demonstrates its innovative technical talent.

The various models are available exclusively in IWC boutiques all over the world. These Boutique Editions are distinguished by a design element in the maritime-inspired colours gold and blue running throughout the line. All watches have cases in either 18-carat 5N gold or 18-carat Armor Gold®, a particularly hard version of 5N gold. A colourful highlight comes in the form of the blue dials and blue braided calfskin straps that resemble mooring ropes. Finally, in this new collection, two watches also underscore the company's expertise in the art of Haute Horlogerie.



Scan the QR code to receive further information on the collection



## UNMISTAKEABLE DESIGN

THE PORTUGIESER AUTOMATIC 40 OFFERS TIMELESSLY MODERN  
PORTUGIESER DESIGN WITH A COMPACT DIAMETER.

A clearly structured open dial with a small seconds at "6 o'clock" but with no date display: in the Reference 325, unveiled in the 1930s, IWC established a stylistic idiom that runs like a thread through the history of the Portugieser family. The self-same design cues are found virtually unchanged later in the Portugieser anniversary edition, the Portugieser Minute Repeater, the Portugieser F. A. Jones Limited Edition and the Portugieser Hand-Wound Eight Days.

Now this classic, timelessly modern dial design celebrates its return to the collection in a new automatic model with a compact 40-millimetre diameter. Ticking away inside the Portugieser Automatic 40 is the IWC-

manufactured 82200 calibre. Featuring components made of virtually wear-free ceramic, the Pellaton winding system builds up a 60-hour power reserve. Models are available in either stainless steel or 18-carat 5N gold.

In the classic, 42-millimetre Portugieser Automatic the power reserve display and small seconds are situated opposite one another on the dial at "3 o'clock" and "9 o'clock", respectively. Thanks to this striking design feature, the model achieved classic status long ago. Working away inside the case is the IWC-manufactured 52010 calibre, which has space enough for two barrels and has a 7-day power reserve.

# PORTUGIESER AUTOMATIC 40

REFERENCE 3583



REF. IW358303

in stainless steel with silver-plated dial  
and black alligator leather strap



REF. IW358304

in stainless steel with silver-plated dial  
and blue alligator leather strap



BACK VIEW

for both References  
(illustrated is the IW358304)

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IWC-manufactured 82200 calibre (82000-calibre family) · Pellaton automatic winding · 60-hour power reserve  
when fully wound · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides ·  
See-through sapphire-glass back · Water-resistant 3 bar · Diameter 40.4 mm · Case height 12.4 mm



## PORTUGIESER AUTOMATIC 40

REFERENCE 3583



REF. IW358305

in stainless steel with blue dial  
and black alligator leather strap

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IWC-manufactured 82200 calibre (82000-calibre family) · Pellaton automatic winding · 60-hour power reserve when fully wound ·  
Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back ·  
Water-resistant ⚡ 3 bar · Diameter 40.4 mm · Case height 12.4 mm

PORTUGIESER

## PORTUGIESER AUTOMATIC 40

REFERENCE 3583



REF. IW358306

in 18-carat 5N gold with silver-plated dial  
and dark brown alligator leather strap

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IWC-manufactured 82200 calibre (82000-calibre family) · Pellaton automatic winding · 60-hour power reserve when fully wound ·  
Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back ·  
Water-resistant 3 bar · Alligator leather strap by Santoni · Diameter 40.4 mm · Case height 12.4 mm



## PORTUGIESER AUTOMATIC

REFERENCE 5007



REF. IW500704

in stainless steel with silver-plated dial  
and black alligator leather strap



REF. IW500705

in stainless steel with silver-plated dial  
and blue alligator leather strap



BACK VIEW

for both References  
(illustrated is the IW500705)

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IWC-manufactured 52010 calibre (52000-calibre family) · Pellaton automatic winding · 7-day power reserve when fully wound ·

Power reserve display · Date display · Small hacking seconds · Breguet spring · Rotor with 18-carat gold medallion ·

Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back ·

Water-resistant  $\diamond$  3 bar · Diameter 42.3 mm · Case height 14.2 mm

# PORTUGIESER AUTOMATIC

REFERENCE 5007



REF. IW500710

in stainless steel with blue dial  
and black alligator leather strap



REF. IW500703

in stainless steel with black dial  
and black alligator leather strap



BACK VIEW

for both References

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IWC-manufactured 52010 calibre (52000-calibre family) · Pellaton automatic winding · 7-day power reserve when fully wound ·

Power reserve display · Date display · Small hacking seconds · 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 · Diameter 42.3 mm · Case height 14.2 mm

## PORTUGIESER AUTOMATIC

REFERENCE 5007



REF. IW500701

in 18-carat 5N gold with silver-plated dial  
and dark brown alligator leather strap

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IWC-manufactured 52010 calibre (52000-calibre family) · Pellaton automatic winding · 7-day power reserve when fully wound ·

Power reserve display · Date display · Small hacking seconds · 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 ·

Alligator leather strap by Santoni · Diameter 42.3 mm · Case height 14.2 mm

# PORTEGIESER AUTOMATIC BOUTIQUE EDITION

REFERENCE 5007



REF. IW500713

in 18-carat 5N gold with blue dial  
and blue braided calfskin strap

AVAILABLE EXCLUSIVELY IN IWC BOUTIQUES AND AT [IWC.COM](http://IWC.COM)

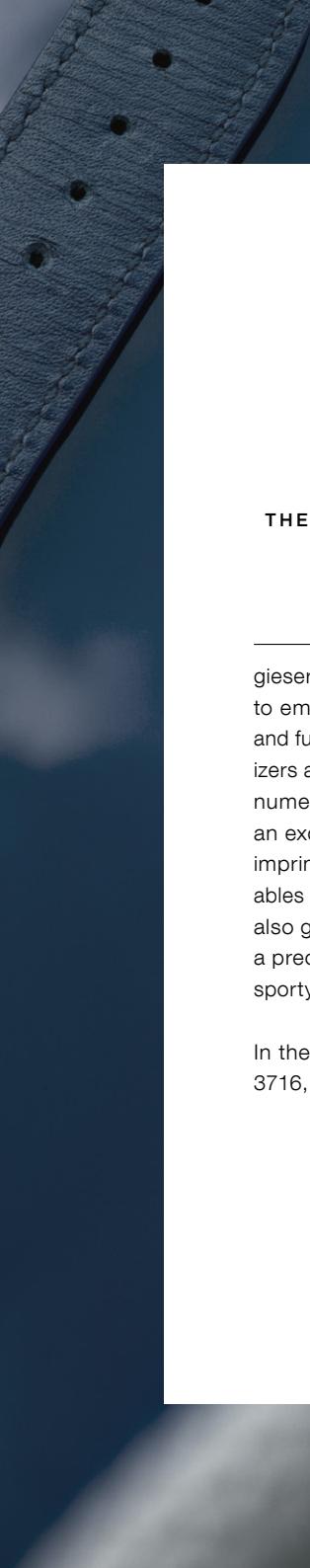
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IWC-manufactured 52010 calibre (52000-calibre family) · Pellaton automatic winding · 7-day power reserve when fully wound ·  
Power reserve display · Date display · Small hacking seconds · Breguet spring · Rotor with 18-carat gold medallion ·  
Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back ·  
Water-resistant ⚡ 3 bar · Diameter 42.3 mm · Case height 14.2 mm

P O R T U G I E S E R







## MODERN CLASSIC WITH NEW TECHNOLOGY

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THE MUCH-LOVED PORTUGIESER CHRONOGRAPH IS NOW EQUIPPED WITH A MOVEMENT FROM THE 69000-CALIBRE FAMILY AND A SEE-THROUGH BACK.

Not without reason is the Portugieser Chronograph one of the most popular models to emerge from Schaffhausen. The open, clear-cut and functionally designed dial with two recessed totalizers at "6 o'clock" and "12 o'clock", appliquéd Arabic numerals and slender feuille hands is encircled by an exquisitely fashioned bezel. The flange, which is imprinted with a quarter-second scale, not only enables the user to read off recorded times precisely but also gives this timeless Portugieser the character of a precision nautical instrument and an understated, sporty character.

In the new models, which are known as Reference 3716, this modern classic retains its unmistakable

appearance. However, on the inside IWC now uses a chronograph movement from the 69000-calibre family. The IWC-manufactured 69355 calibre, a rugged and precise chronograph movement in the classic column-wheel design, functions as a stopwatch with aggregate timing up to 30 minutes and is clearly visible through the sapphire-glass case back. Various models are available in stainless steel and 18-carat 5N gold.

Variety is guaranteed by a selection of hand-dyed leather straps from Italian shoe manufacturer Santoni, which are available as accessories. The models in stainless steel are fitted with the newly developed butterfly clasp, which makes the watches extremely comfortable to wear.

## PORTUGIESER CHRONOGRAPH

REFERENCE 3716



REF. IW371605

in stainless steel with silver-plated dial  
and blue alligator leather strap

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IWC-manufactured 69355 calibre (69000-calibre family) · Self-winding · 46-hour power reserve when fully wound · Stopwatch function with minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Diameter 41 mm · Case height 13.1 mm

PORTUGIESER

## PORTUGIESER CHRONOGRAPH

REFERENCE 3716



REF. IW371604

in stainless steel with silver-plated dial  
and black alligator leather strap

---

IWC-manufactured 69355 calibre (69000-calibre family) · Self-winding · 46-hour power reserve when fully wound · Stopwatch function with minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Diameter 41 mm · Case height 13.1 mm

## PORTUGIESER CHRONOGRAPH

REFERENCE 3716



REF. IW371606

in stainless steel with blue dial  
and black alligator leather strap

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IWC-manufactured 69355 calibre (69000-calibre family) · Self-winding · 46-hour power reserve when fully wound · Stopwatch function with minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant  $\infty$  3 bar · Diameter 41 mm · Case height 13.1 mm

PORTUGIESER



# PORTUGIESER CHRONOGRAPH

REFERENCE 3716



REF. IW371609

in stainless steel with black dial  
and black alligator leather strap

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IWC-manufactured 69355 calibre (69000-calibre family) · Self-winding · 46-hour power reserve when fully wound · Stopwatch function with minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Diameter 41 mm · Case height 13.1 mm

PORTUGIESER

## PORTUGIESER CHRONOGRAPH

REFERENCE 3716



REF. IW371611

in 18-carat 5N gold with silver-plated dial  
and dark brown alligator leather strap



REF. IW371610

in 18-carat 5N gold with slate-coloured dial  
and black alligator leather strap



BACK VIEW

for both References  
(illustrated is the IW371610)

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IWC-manufactured 69355 calibre (69000-calibre family) · Self-winding · 46-hour power reserve when fully wound · Stopwatch function with minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Alligator leather strap by Santoni · Diameter 41 mm · Case height 13.1 mm

# PORTEGIESER CHRONOGRAPH BOUTIQUE EDITION

REFERENCE 3716



REF. IW371614

in 18-carat 5N gold with blue dial  
and blue braided calfskin strap

AVAILABLE EXCLUSIVELY IN IWC BOUTIQUES AND AT [IWC.COM](http://IWC.COM)

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IWC-manufactured 69355 calibre (69000-calibre family) · Self-winding · 46-hour power reserve when fully wound · Stopwatch function with minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Diameter 41 mm · Case height 13.1 mm

P O R T U G I E S E R





## ELEGANCE JOINS FORCES WITH SPORTINESS

ELEGANTLY PROPORTIONED CASES COMBINED WITH  
STAINLESS-STEEL BRACELETS AND A RUBBER STRAP WITH TEXTILE INLAY  
MAKE THE PORTUGIESER YACHT CLUB AN ALL-ROUND COMPANION.

— Since 2010, the Portugieser Yacht Club, an elegant sports watch designed for sailors, has combined timeless elegance with ruggedness and high-level water-resistance. With their filigree bezels and flat casing rings, the new 44-millimetre models have particularly elegant proportions. Ticking away inside is the IWC-manufactured 89361 calibre with flyback function, which combines stopped hours and minutes in a small totalizer at "12 o'clock".

A choice of straps and bracelets make this elegant sports chronograph the perfect companion for use on board, at the beach and on terra firma. The high-quality stainless-steel bracelet, with its polished and satin-finished surfaces, is pleasant to wear. For the first time ever, the watch is also available with a bicolour bracelet

in stainless steel and 18-carat 5N gold. In addition, a rubber strap with textile inlay is available.

Close cooperation with designer fashion label Orlebar Brown has resulted in a special edition that integrates colours typical of the brand portfolio and features a blue rubber strap with a textile inlay.

The Portugieser Yacht Club Moon & Tide represents a technical highlight. For the first time, in this model, IWC presents its newly developed tide indicator. A totalizer at "6 o'clock" shows the times of high and low tide. The double moon phase display, an IWC speciality, is positioned at "12 o'clock". It has been expanded to show the spring and neap tides and thus provides more information about the strength of current tides.



# PORTRUGIESER YACHT CLUB CHRONOGRAPH

REFERENCE 3907



REF. IW390703

in stainless steel with silver-plated dial  
and bracelet in stainless steel and 18-carat 5N gold

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IWC-manufactured 89361 calibre (89000-calibre family) · Self-winding · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant  $\bowtie$  6 bar · Diameter 44.6 mm · Case height 14.4 mm

# PORTEGIESER YACHT CLUB CHRONOGRAPH

REFERENCE 3907



REF. IW390702

in stainless steel with silver-plated dial  
and stainless-steel bracelet



REF. IW390701

in stainless steel with blue dial  
and stainless-steel bracelet



BACK VIEW

for both References

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IWC-manufactured 89361 calibre (89000-calibre family) · Self-winding · 68-hour power reserve when fully wound · Date display ·  
Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock ·  
Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides ·  
See-through sapphire-glass back · Water-resistant 6 bar · Diameter 44.6 mm · Case height 14.4 mm



**ORLEBAR  
BROWN**

**IWC**  
SCHAFFHAUSEN



## A STYLISH LOOK FOR THE BEACH OR YACHT CLUB

In 2020, IWC Schaffhausen and Orlebar Brown entered into a partnership. Something the Swiss watch manufacturers and the British designer label have in common is a passion for genuine craftsmanship, innovation and quality in everything they do.

Since March 2007, British resort wear and lifestyle brand Orlebar Brown has reinvented holiday style for men, with their classic shorts remaining the original “shorts you can swim in”. The brand was founded by Adam Brown in London after being invited to a friend’s 40th birthday in Rajasthan and having to change out of swimwear into something more appropriate for lunch.

As is the case with IWC and its watches, Orlebar Brown places great importance on even the smallest details. Based on the pattern of a pair of traditional men’s suit trousers, Orlebar Brown’s swim shorts are crafted from 60 elements and developed to feature a four-part shaped waistband, zip fly closure and side fasteners to adjust for the perfect fit. Recognisable due to their hallmark side-fasteners, their classic swim shorts are refreshed in new iterations each season and come with a 5-year guarantee as a testament to their quality and durability.

Within the scope of the partnership, IWC is proud to present the Portugieser Yacht Club Chronograph Edition “Orlebar Brown”, featuring a blue dial with colourful white and red accents. The rugged chronograph is water-resistant to 6 bar and has an elegantly proportioned case that is as much at home on an action-packed yachting trip as it is during a relaxing day at the beach.

In close cooperation with IWC, Orlebar Brown has designed a nine-piece capsule collection which will be available at [orlebarbrown.com/iwc](http://orlebarbrown.com/iwc). This fashion line is aimed at style-conscious men who navigate their way effortlessly through life, and reflects the lifestyle of sailors, adventurers and explorers.



OB Classic swim shorts are crafted from 60 individual elements

PORTRUGIESER YACHT CLUB CHRONOGRAPH EDITION  
“ORLEBAR BROWN”

REFERENCE 3907



REF. IW390704

in stainless steel with blue dial  
and blue rubber strap with textile inlay

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IWC-manufactured 89361 calibre (89000-calibre family) · Self-winding · 68-hour power reserve when fully wound · Date display ·  
Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock ·  
Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides ·  
See-through sapphire-glass back · Water-resistant 6 bar · Diameter 44.6 mm · Case height 14.4 mm

P O R T U G I E S E R



ORLEBAR  
BROWN

ORLEBAR  
BROWN  
NAOMI

ORLEBAR  
BROWN



## PORTUGIESER YACHT CLUB MOON & TIDE

REFERENCE 3440



REF. IW344001

in 18-carat 5N gold with blue dial  
and blue rubber strap with textile inlay

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IWC-manufactured 82835 calibre (82000-calibre family) · Pellaton automatic winding · 60-hour power reserve when fully wound ·

Tide indicator · Double moon phases for the northern and southern hemispheres · Date display · Central hacking seconds ·

Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back ·

Water-resistant 6 bar · Diameter 44.6 mm · Case height 13.4 mm



IWC  
SCHAFFHAUSEN

SWISS MADE

## PRECISION ENGINEERING FOR AN ETERNITY

FOR THE FIRST TIME, IWC PRESENTS THE PERPETUAL CALENDAR WITH A HIGH-QUALITY IN-HOUSE MOVEMENT FROM THE 82000-CALIBRE FAMILY.

No complication epitomizes IWC's engineering approach quite so manifestly as the perpetual calendar developed in the 1980s by Kurt Klaus. Its mechanical programme automatically recognizes the different lengths of the months and adds a leap day at the end of February every four years. All the displays are perfectly synchronized with each other and can be set simply via the crown.

In the Portugieser Perpetual Calendar 42, IWC has for the first time integrated the iconic complication in an in-house movement from the 82000-calibre family. The IWC-manufactured 82650 calibre's Pellaton winding system, which is fitted with ceramic components, builds up a power reserve of 60 hours. The displays for the date, month, day of the week, moon phase and

leap year are shown in three subdials at "3 o'clock", "6 o'clock" and "9 o'clock". The watch, which has a 42-millimetre diameter, is available in stainless steel and 18-carat 5N gold.

The 44-millimetre version of the Portugieser Perpetual Calendar displays the calendar information on four subdials and also features a four-digit year display as well as a display showing the power reserve. This model is available with either a large single or double moon phase display. It features IWC-manufactured movements from the 52000-calibre family, which store a 7-day power reserve in two barrels. For the first time, IWC presents this model in an 18-carat Armor Gold® case, a harder version of 5N gold.

## PORTUGIESER PERPETUAL CALENDAR 42

REFERENCE 3442



REF. IW344203

in stainless steel with silver-plated dial  
and black alligator leather strap

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IWC-manufactured 82650 calibre (82000-calibre family) · Pellaton automatic winding · 60-hour power reserve when fully wound ·  
Perpetual calendar with displays for the date, day, month and perpetual moon phase · Leap year display ·

Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back ·  
Water-resistant 3 bar · Alligator leather strap by Santoni · Diameter 42.4 mm · Case height 13.8 mm

## PORTUGIESER PERPETUAL CALENDAR 42

REFERENCE 3442



REF. IW344202

in 18-carat 5N gold with silver-plated dial  
and dark brown alligator leather strap

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IWC-manufactured 82650 calibre (82000-calibre family) · Pellaton automatic winding · 60-hour power reserve when fully wound ·  
Perpetual calendar with displays for the date, day, month and perpetual moon phase · Leap year display ·  
Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back ·  
Water-resistant 3 bar · Alligator leather strap by Santoni · Diameter 42.4 mm · Case height 13.8 mm

# PORTEGIESER PERPETUAL CALENDAR 42 BOUTIQUE EDITION

REFERENCE 3442



REF. IW344205

in 18-carat 5N gold with blue dial  
and blue braided calfskin strap

AVAILABLE EXCLUSIVELY IN IWC BOUTIQUES AND AT [IWC.COM](http://IWC.COM)

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IWC-manufactured 82650 calibre (82000-calibre family) · Pellaton automatic winding · 60-hour power reserve when fully wound ·  
Perpetual calendar with displays for the date, day, month and perpetual moon phase · Leap year display ·

Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back ·  
Water-resistant  $\diamond$  3 bar · Diameter 42.4 mm · Case height 13.8 mm

P O R T U G I E S E R





## PORTUGIESER PERPETUAL CALENDAR

REFERENCE 5033



REF. IW503302

in 18-carat 5N gold with silver-plated dial  
and dark brown alligator leather strap

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IWC-manufactured 52610 calibre (52000-calibre family) · Pellaton automatic winding · 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 · Breguet spring · Rotor in 18-carat gold ·

Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back ·  
Water-resistant ⌂ 3 bar · Alligator leather strap by Santoni · Diameter 44.2 mm · Case height 14.9 mm

# PORTEGIESER PERPETUAL CALENDAR

REFERENCE 5034



REF. IW503404

In 18-carat 5N gold with slate-coloured dial  
and black alligator leather strap



REF. IW503401

in 18-carat white gold with blue dial  
and black alligator leather strap

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IWC-manufactured 52615 calibre (52000-calibre family) · Pellaton automatic winding · 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 · Breguet spring · Rotor in 18-carat gold ·  
Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back ·  
Water-resistant ⌂ 3 bar · Alligator leather strap by Santoni · Diameter 44.2 mm · Case height 14.9 mm

## PORTUGIESER PERPETUAL CALENDAR

REFERENCE 5034



REF. IW503406

in platinum with silver-plated dial  
and black alligator leather strap



BACK VIEW

for all References  
(illustrated is the IW503406)

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IWC-manufactured 52615 calibre (52000-calibre family) · Pellaton automatic winding · 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 · Breguet spring · Rotor in 18-carat gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Alligator leather strap by Santoni · Diameter 44.2 mm · Case height 14.9 mm · Limited edition of 250 watches



## PORTEGIESER PERPETUAL CALENDAR BOUTIQUE EDITION

REFERENCE 5033



REF. IW503312

in 18-carat Armor Gold® with blue dial  
and blue braided calfskin strap

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IWC-manufactured 52610 calibre (52000-calibre family) · Pellaton automatic winding · 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 · Breguet spring · Rotor in 18-carat gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant  $\infty$  3 bar · Diameter 44.2 mm · Case height 14.9 mm



## MASTERPIECES OF HAUTE HORLOGERIE

IN THIS LATEST COLLECTION TOO, TWO MODELS DEMONSTRATE IWC'S EXPERTISE IN  
THE PREMIER LEAGUE OF THE ART OF WATCHMAKING.

The tourbillon is one of the most fascinating achievements in the art of watchmaking. The balance in its cage rotates around its own axis once every minute, creating an optical spectacle on the dial. But that is not all: the continuous rotation also reduces the influence of gravity on the oscillating system and thus improves the watch's precision.

For the first time ever in the Portugieser family, the Portugieser Tourbillon Rétrograde Chronograph with the IWC-manufactured 89900 calibre brings together a flying tourbillon at "6 o'clock" with a retrograde date display and a chronograph with flyback function. The pallet and escape wheel have a special coating. The latter reduces friction and improves the energy

flow in the movement. One model is offered in 18-carat Armor Gold®, a specially hardened version of 5N gold. A second model comes in platinum.

In the two complications that give the watch its name, the Portugieser Perpetual Calendar Tourbillon combines two of watchmaking's greatest challenges on the dial. The tourbillon comprises 82 individual components and weighs just 0.635 grams. The perpetual calendar's moon phase display is so precise that it will need to be adjusted by one day only after 577.5 years. The IWC-manufactured 51950 calibre's self-winding system builds up a power reserve of 7 days. This watch will likewise be available in two limited models in 18-carat Armor Gold® and platinum.

# PORTEGIESER TOURBILLON RÉTROGRADE CHRONOGRAPH BOUTIQUE EDITION

REFERENCE 3940



REF. IW394005

in 18-carat Armor Gold® with blue dial  
and blue braided calfskin strap

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IWC-manufactured 89900 calibre (89000-calibre family) · Self-winding · 68-hour power reserve when fully wound · Retrograde date display · Flying hacking minute tourbillon at 6 o'clock · Pallet and escape wheel featuring Diamond Shell® technology · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Rotor in 18-carat gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant  $\bowtie$  3 bar · Diameter 43.5 mm · Case height 16 mm · Limited edition of 50 watches

P O R T U G I E S E R

## PORTEGIESER TOURBILLON RÉTROGRADE CHRONOGRAPH

REFERENCE 3940



REF. IW394006

in platinum with silver-plated dial  
and blue alligator leather strap

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IWC-manufactured 89900 calibre (89000-calibre family) · Self-winding · 68-hour power reserve when fully wound · Retrograde date display · Flying hacking minute tourbillon at 6 o'clock · Pallet and escape wheel featuring Diamond Shell® technology · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Rotor in 18-carat gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Alligator leather strap by Santoni · Diameter 43.5 mm · Case height 16 mm · Limited edition of 50 watches

# PORTEGIESER PERPETUAL CALENDAR TOURBILLON BOUTIQUE EDITION

REFERENCE 5045



REF. IW504504

in 18-carat Armor Gold® with blue dial  
and blue braided calfskin strap

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IWC-manufactured 51950 calibre (51000-calibre family) · Pellaton automatic winding · 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 · Flying minute tourbillon at 12 o'clock · Breguet spring · Rotor in 18-carat gold ·

Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant ⚡ 3 bar · Diameter 45 mm · Case height 15.3 mm · Limited edition of 50 watches

P O R T U G I E S E R

## PORTEGIESER PERPETUAL CALENDAR TOURBILLON

REFERENCE 5045



REF. IW504505

in platinum with silver-plated dial  
and blue alligator leather strap

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IWC-manufactured 51950 calibre (51000-calibre family) · Pellaton automatic winding · 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 · Flying minute tourbillon at 12 o'clock · Breguet spring · Rotor in 18-carat gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Alligator leather strap by Santoni · Diameter 45 mm · Case height 15.3 mm · Limited edition of 50 watches

# PORTEGIESER TOURBILLON MYSTÈRE RÉTROGRADE

REFERENCE 5046



REF. IW504601

in platinum with silver-plated dial  
and black alligator leather strap

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IWC-manufactured 51900 calibre (51000-calibre family) · Pellaton automatic winding · 7-day power reserve when fully wound ·  
Power reserve display · Retrograde date display · Flying minute tourbillon at 12 o'clock · Breguet spring ·  
Rotor in 18-carat gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back ·  
Water-resistant 3 bar · Alligator leather strap by Santoni · Diameter 44.2 mm · Case height 14.9 mm

P O R T U G I E S E R



## LAUREUS SPORT FOR GOOD “TIME TO CARE”



Laureus supports more than 200 sports-based regional projects in over 40 countries

IWC has been supporting the invaluable work of Laureus Sport for Good since 2005. The aid organization promotes more than 200 programmes worldwide with the aim of improving the quality of life of young people through sport. As part of its commitment, IWC organizes an annual children's drawing competition. This year, children and adolescents were invited to submit their entries under the motto "Time to Care". For the winning picture, the jury selected a drawing by 15-year-old Yi Xin for his moving representation of friendship. Yi is a participant in the "Special Olympics China". This programme offers year-round training in Olympic sporting disciplines to children and adults with learning difficulties.

IWC's 14th special edition for Laureus Sport for Good is part of the Portugieser collection. The Portugieser Hand-Wound Monopusher Edition "Laureus Sport for Good" is housed in a

stainless-steel case with a 46-millimetre diameter and features a dial in typical Laureus blue. The model is available worldwide in an edition limited to 500 watches. The back of the case features an engraving of the winning picture.

The hand-wound 59360 calibre has a monopusher chronograph function that is operated via a single push-button integrated in the crown. The chronograph's start, stop and reset functions are activated by repeatedly pushing the same multifunctional button. A display on the dial shows how much of the eight-day power reserve remains.



**PORTUGIESER HAND-WOUND MONOPUSHER  
EDITION “LAUREUS SPORT FOR GOOD”**

REFERENCE 5153



REF. IW515301

in stainless steel with blue dial  
and black alligator leather strap

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IWC-manufactured 59360 calibre (59000-calibre family) · Hand-wound · 8-day power reserve when fully wound · Power reserve display · Date display · Stopwatch function with minutes and seconds · Small hacking seconds · Breguet spring · Sapphire glass, arched edge, antireflective coating on both sides · Back engraving of the winning entry from the Laureus Sport for Good international children's drawing competition · Water-resistant  $\bowtie$  3 bar · Alligator leather strap by Santoni · Diameter 46 mm · Case height 13.9 mm · Limited edition of 500 watches

— SINCE 1936 —

# PILOT'S WATCHES

DEVELOPED AS RELIABLE NAVIGATION INSTRUMENTS FOR THE COCKPIT  
THE PILOT'S WATCHES TODAY BRING THE DREAM OF FLYING TO WEAVER'S WRISTS.

Since the earliest days of aviation, time has played a vital role in the cockpit. For pilots to keep track of their flying time or the engine's operating time, they needed precision wristwatches that would continue to function reliably even under the challenging conditions experienced in the cockpit. Time, of course, is a central factor with regard to navigation. To calculate your position with the help of heavenly bodies, such as the sun or moon, for instance, you require not only a sextant but also an extremely accurate timepiece.

IWC started developing wristwatches that were optimized for use in the cockpit at a very early stage. Its Special Pilot's Watch, launched in 1936, was equipped with a nonmagnetic escapement. In addition, it had no problem coping with enormous fluctuations in temperature, which in the unheated cockpits of that period was essential. The best-known navigation watch from Schaffhausen is the Mark 11. Developed in response to a tender from the British Royal Air Force in 1948, it remained in service until the late 1970s.

Its most important technical feature was a soft-iron inner case, which effectively protected the high-precision 89 calibre against the influence of magnetic fields.

But one of the British Air Force's main requirements was easy legibility. The characteristic triangle at "12 o'clock" and luminescent elements on the clearly laid-out dial enabled navigators and pilots to read the time at a glance even in poor visibility conditions. This, then, explains the iconic instrument look of the Pilot's Watches from IWC, a feature that has remained their most striking to this day.



Scan the QR code to receive further information on the collection



# PILOT'S WATCH AUTOMATIC SPITFIRE

REFERENCE 3268



REF. IW326801

in stainless steel with black dial  
and green textile strap

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IWC-manufactured 32110 calibre (32000-calibre family) · Self-winding · 3-day 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 · Engraving of a Spitfire on case back · Water-resistant 6 bar · Diameter 39 mm · Case height 10.8 mm

## PILOT'S WATCH AUTOMATIC SPITFIRE

REFERENCE 3268



REF. IW326802

in bronze with green dial  
and brown calfskin strap

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IWC-manufactured 32110 calibre (32000-calibre family) · Self-winding · 3-day 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 · Engraving of a Spitfire on case back · Water-resistant 6 bar · Diameter 39 mm · Case height 10.6 mm



## PILOT'S WATCH CHRONOGRAPH SPITFIRE

REFERENCE 3879



REF. IW387901  
in stainless steel with black dial  
and green textile strap



REF. IW387902  
in bronze with green dial  
and brown calfskin strap



BACK VIEW  
for both References  
(illustrated is the IW387902)

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IWC-manufactured 69380 calibre (69000-calibre family) · Self-winding · 46-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 · Engraving of a Spitfire on case back · Water-resistant ⌂ 6 bar · Diameter 41 mm · Case height 15.3 mm



**BIG PILOT'S WATCH BIG DATE SPITFIRE EDITION  
"MISSION ACCOMPLISHED"**

REFERENCE 5105



REF. IW510506

in bronze with green dial  
and brown calfskin strap

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IWC-manufactured 59235 calibre (59000-calibre family) · Hand-wound · 8-day power reserve when fully wound · Power reserve display on case back · Large, double-digit date display · Small hacking seconds · 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 · Engraving of "The Longest Flight" on case back · Sapphire glass porthole in case back · Water-resistant ⋆ 6 bar · Diameter 46.2 mm · Case height 15.2 mm · Limited edition of 500 watches

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

REFERENCE 3270



REF. IW327010

in stainless steel with blue dial  
and brown calfskin strap

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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 · Engraving of "The Little Prince"  
on case back · Water-resistant  $\bowtie$  6 bar · Diameter 40 mm · Case height 11 mm

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

REFERENCE 3270



REF. IW327016

in stainless steel with blue dial  
and stainless-steel bracelet

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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 · Engraving of "The Little Prince"  
on case back · Water-resistant  $\bowtie$  6 bar · Diameter 40 mm · Case height 11 mm

PILOT'S WATCH CHRONOGRAPH EDITION  
“LE PETIT PRINCE”

REFERENCE 3777



REF. IW377717

in stainless steel with blue dial  
and stainless-steel bracelet

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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 · Engraving of "The Little Prince" on case back · Water-resistant  $\bowtie$  6 bar · Diameter 43 mm · Case height 15.2 mm

PILOT'S WATCH CHRONOGRAPH EDITION  
“LE PETIT PRINCE”

REFERENCE 3777



REF. IW377714

in stainless steel with blue dial  
and brown calfskin strap

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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 · Engraving of "The Little Prince" on case back · Water-resistant  $\bowtie$  6 bar · Diameter 43 mm · Case height 15.2 mm

BIG PILOT'S WATCH EDITION  
"LE PETIT PRINCE"

REFERENCE 5010



REF. IW501002

in stainless steel with blue dial  
and brown calfskin strap

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IWC-manufactured 52110 calibre (52000-calibre family) · Pellaton automatic winding · 7-day power reserve when fully wound · Power reserve display · Date display · Central hacking seconds · 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 · Engraving of "The Little Prince" on case back · Water-resistant ⋮ 6 bar · Diameter 46.2 mm · Case height 15.6 mm



PILOT'S WATCH PERPETUAL CALENDAR CHRONOGRAPH  
EDITION "LE PETIT PRINCE"

REFERENCE 3922



REF. IW392202

in 18-carat 5N gold with blue dial  
and brown calfskin strap

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IWC-manufactured 89630 calibre (89000-calibre family) · Self-winding · 68-hour power reserve when fully wound · Perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Rotor in 18-carat gold · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · See-through sapphire-glass back · Water-resistant 6 bar · Diameter 43 mm · Case height 15.9 mm · Limited edition of 250 watches



PILOT'S WATCH MARK XVIII EDITION  
“ANTOINE DE SAINT EXUPÉRY”

REFERENCE 3270



REF. IW327003

in stainless steel with brown dial  
and brown calfskin strap

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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 · Engraving of a Lockheed P-38 Lightning on case back · Water-resistant  $\bowtie$  6 bar · Diameter 40 mm · Case height 11 mm

**PILOT'S WATCH CHRONOGRAPH EDITION  
“ANTOINE DE SAINT EXUPÉRY”**

REFERENCE 3777



REF. IW377713

in stainless steel with brown dial  
and brown calfskin strap

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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 · Engraving of a Lockheed P-38 Lightning on case back · Water-resistant 6 bar · Diameter 43 mm · Case height 15.2 mm

## PILOT'S WATCH MARK XVIII

REFERENCE 3270



REF. IW327009

in stainless steel with black dial  
and black calfskin strap

REF. IW327012

in stainless steel with silver-plated dial  
and black calfskin strap

BACK VIEW

for both References

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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 · Engraving of a JU-52 aircraft  
on case back · Water-resistant  $\bowtie$  6 bar · Diameter 40 mm · Case height 11 mm

## PILOT'S WATCH MARK XVIII

REFERENCE 3270



REF. IW327015

in stainless steel with black dial  
and stainless-steel bracelet

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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 · Engraving of a JU-52 aircraft on case back · Water-resistant  $\bowtie$  6 bar · Diameter 40 mm · Case height 11 mm



## PILOT'S WATCH CHRONOGRAPH

REFERENCE 3777



REF. IW377709  
in stainless steel with black dial  
and black calfskin strap



REF. IW377710  
in stainless steel with black dial  
and stainless-steel bracelet



BACK VIEW  
for both References  
(illustrated is the IW377710)

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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 · Engraving of a JU-52 aircraft on case back · Water-resistant  $\leftrightarrow$  6 bar · Diameter 43 mm · Case height 15.5 mm

# PILOT'S WATCH TIMEZONER CHRONOGRAPH

REFERENCE 3950



REF. IW395001

in stainless steel with black dial  
and black calfskin strap

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IWC-manufactured 89760 calibre (89000-calibre family) · Self-winding · 68-hour power reserve when fully wound · Date display ·

Worldtimer function for setting the time zone via the rotating bezel · 24-hour 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 · Engraving of a JU-52 aircraft on case back · Water-resistant  $\bowtie$  6 bar · Diameter 46 mm · Case height 16.8 mm



## BIG PILOT'S WATCH

REFERENCE 5010



REF. IW501001

in stainless steel with black dial  
and black calfskin strap

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IWC-manufactured 52110 calibre (52000-calibre family) · Pellaton automatic winding · 7-day power reserve when fully wound · Power reserve display · Date display · Central hacking seconds · 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 · Engraving of a JU-52 aircraft on case back · Water-resistant 6 bar · Diameter 46.2 mm · Case height 15.6 mm

BIG PILOT'S WATCH EDITION  
“RIGHT-HANDER”

REFERENCE 5010



REF. IW501012

in stainless steel with slate-coloured dial  
and black calfskin strap

---

IWC-manufactured 52010 calibre (52000-calibre family) · Pellaton automatic winding · 7-day power reserve when fully wound · Power reserve display · Date display · Small hacking seconds · 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 · Diameter 46.2 mm · Case height 15.6 mm · Limited edition of 250 watches

## PILOT'S WATCH AUTOMATIC TOP GUN

REFERENCE 3269



REF. IW326901

in ceramic with black dial  
and black textile strap

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IWC-manufactured 32110 calibre (32000-calibre family) · Self-winding · 3-day 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 · Engraving of the TOP GUN insignia on case back ·  
Water-resistant ⌂ 6 bar · Diameter 41 mm · Case height 11.4 mm

## PILOT'S WATCH CHRONOGRAPH TOP GUN

REFERENCE 3891



REF. IW389101

in ceramic with black dial  
and black textile strap

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IWC-manufactured 69380 calibre (69000-calibre family) · Self-winding · 46-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 · Engraving of the TOP GUN insignia on case back · Water-resistant  $\bowtie$  6 bar · Diameter 44.5 mm · Case height 15.7 mm

# PILOT'S WATCH DOUBLE CHRONOGRAPH TOP GUN CERATANIUM

REFERENCE 3718



REF. IW371815

in Ceratanium® with black dial  
and black rubber strap with textile inlay

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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 · Engraving of the TOP GUN insignia  
on case back · Water-resistant ⌂ 6 bar · Diameter 44 mm · Case height 16.8 mm





— SINCE 1984 —

# PORTOFINO

WITH ITS CLASSICALLY ELEGANT DESIGN AND A WIDE RANGE OF DIAMETERS,  
THE PORTOFINO IS A RESOUNDING FAVOURITE AMONGST BOTH WOMEN AND MEN.

A classic round case, a simple uncluttered dial with Roman numerals and hour markers together with slim feuille hands. Since 1984, the Portofino family from IWC has combined understated luxury with glamorous elegance. The watch collection was named after an idyllic village on the Ligurian coast, which during the 1950s and 1960s established itself as one of the favourite holiday destinations of the international jet set.

The first Portofino was a Lépine pocket watch with a moon phase display, which was fitted with horns to transform it into a wristwatch. Its creation was prompted by a rising demand for classic, round gold watches during the 1980s. The very first Portofino collection contained a wide selection of watches with case diameters ranging from the very small to the more generous. As a result, the Portofino has appealed to both men and women from the moment it was launched. After a period of many years, during which rather more amply proportioned models were prominent, IWC supplemented the family some time

ago with watches featuring 37-millimetre diameters. The latest additions in 2019 were five unusually exclusive watches with a diameter of 34 millimetres, making them particularly suitable for ladies. They are currently the smallest models in the IWC portfolio. A newly integrated bracelet quick-change system enables the wearer to change the appearance of the watch in an instant in order to suit different outfits or events. There is also a choice of around a dozen hand-dyed alligator leather straps from the Italian shoe manufacturer Santoni in fashionable colours such as burgundy, raspberry pink, aubergine, green or blue.



Scan the QR code to receive further information on the collection

## PORTOFINO AUTOMATIC 34

REFERENCE 3574



REF. IW357403

in stainless steel with silver-plated dial,  
dark brown alligator leather strap  
and 12 diamonds, approx. 0.03 carat



REF. IW357405

in stainless steel with green dial,  
green alligator leather strap  
and 12 diamonds, approx. 0.03 carat

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Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Central hacking seconds ·  
Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar ·  
Alligator leather strap by Santoni · Diameter 34 mm · Case height 8.7 mm

P O R T O F I N O

## PORTOFINO AUTOMATIC 34

REFERENCE 3574



REF. IW357404

in stainless steel with blue dial,  
Milanaise mesh bracelet in stainless steel  
and 12 diamonds, approx. 0.03 carat

REF. IW357401

in 18-carat 5N gold with silver-plated dial,  
burgundy alligator leather strap  
and 12 diamonds, approx. 0.03 carat

---

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Central hacking seconds ·  
Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar ·  
Alligator leather strap by Santoni · Diameter 34 mm · Case height 8.7 mm

## PORTOFINO AUTOMATIC 34

REFERENCE 3574



REF. IW357406

in 18-carat 5N gold with silver-plated dial,  
black alligator leather strap  
and 104 diamonds, approx. 0.67 carat

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Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Central hacking seconds ·  
Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar ·  
Alligator leather strap by Santoni · Diameter 34 mm · Case height 8.7 mm

P O R T O F I N O



# PORTOFINO AUTOMATIC 37

REFERENCE 4581



REF. IW458101

in stainless steel with silver-plated dial,  
light brown alligator leather strap  
and 12 diamonds, approx. 0.07 carat



REF. IW458102

in stainless steel with slate-coloured dial,  
black alligator leather strap  
and 12 diamonds, approx. 0.07 carat



REF. IW458110

in stainless steel with slate-coloured dial,  
Milanaise mesh bracelet in stainless steel  
and 12 diamonds, approx. 0.07 carat

---

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 · Alligator leather strap by Santoni · Diameter 37 mm · Case height 9.2 mm

## PORTOFINO AUTOMATIC 37

REFERENCE 4581



REF. IW458109

in stainless steel with silver-plated dial,  
red alligator leather strap  
and 66 diamonds, approx. 0.62 carat



REF. IW458104

in stainless steel with slate-coloured dial,  
grey alligator leather strap  
and 66 diamonds, approx. 0.62 carat



REF. IW458111

in stainless steel with blue dial,  
dark blue alligator leather strap  
and 66 diamonds, approx. 0.62 carat

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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 · Alligator leather strap by Santoni · Diameter 37 mm · Case height 9.2 mm

## PORTOFINO AUTOMATIC 37

REFERENCE 4581



REF. IW458116

in 18-carat 5N gold with silver-plated dial,  
dark brown alligator leather strap  
and 12 diamonds, approx. 0.07 carat



REF. IW458107

in 18-carat 5N gold with silver-plated dial,  
lilac alligator leather strap  
and 66 diamonds, approx. 0.62 carat

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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 · Alligator leather strap by Santoni · Diameter 37 mm · Case height 9.2 mm

## PORTOFINO AUTOMATIC MOON PHASE 37

REFERENCE 4590



REF. IW459011

in stainless steel with silver-plated dial,  
dark brown alligator leather strap  
and 12 diamonds, approx. 0.02 carat



REF. IW459008

in stainless steel with silver-plated dial,  
dark blue alligator leather strap  
and 78 diamonds, approx. 0.64 carat

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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 ·  
Alligator leather strap by Santoni · Diameter 37 mm · Case height 10.8 mm



## PORTOFINO AUTOMATIC MOON PHASE 37

REFERENCE 4590



REF. IW459009

in 18-carat 5N gold with silver-plated dial,  
black alligator leather strap  
and 78 diamonds, approx. 0.64 carat



REF. IW459010

in 18-carat 5N gold with silver-plated dial,  
Milanaisse mesh bracelet in 18-carat 5N gold  
and 78 diamonds, approx. 0.64 carat

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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 ·  
Alligator leather strap by Santoni · Diameter 37 mm · Case height 10.8 mm

# PORTOFINO AUTOMATIC

REFERENCE 3565



REF. IW356517

in stainless steel with silver-plated dial  
and black alligator leather strap



REF. IW356501

in stainless steel with silver-plated dial  
and black alligator leather strap



REF. IW356523

in stainless steel with blue dial  
and black alligator leather strap

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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 · Diameter 40 mm · Case height 9.3 mm

## PORTOFINO AUTOMATIC

REFERENCE 3565



REF. IW356502

in stainless steel with black dial  
and black alligator leather strap



REF. IW356505

in stainless steel with silver-plated dial  
and Milanese mesh bracelet in stainless steel



REF. IW356506

in stainless steel with black dial  
and Milanese mesh bracelet in stainless steel

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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 · Diameter 40 mm · Case height 9.3 mm

# PORTOFINO AUTOMATIC

REFERENCE 3565



REF. IW356504

in 18-carat 5N gold with silver-plated dial  
and dark brown alligator leather strap



REF. IW356522

in 18-carat 5N gold with blue dial  
and black alligator leather strap



BACK VIEW

for both References  
(illustrated is the IW356522)

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Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·  
Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Engraving of  
Portofino harbour on case back · Water-resistant  $\bowtie$  3 bar · Diameter 40 mm · Case height 9.3 mm





## PORTOFINO AUTOMATIC MOON PHASE

REFERENCE 4594



REF. IW459401

in stainless steel with silver-plated dial  
and dark brown alligator leather strap



REF. IW459402

in stainless steel with blue dial  
and black alligator leather strap

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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  $\bowtie$  3 bar · Diameter 40 mm · Case height 11.2 mm

## PORTOFINO CHRONOGRAPH

REFERENCE 3910



REF. IW391031

in stainless steel with silver-plated dial  
and black alligator leather strap



REF. IW391027

in stainless steel with silver-plated dial  
and dark brown alligator leather strap



REF. IW391028

in stainless steel with silver-plated dial  
and Milanese mesh bracelet in stainless steel

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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  $\bowtie$  3 bar · Diameter 42 mm · Case height 13.6 mm

## PORTOFINO CHRONOGRAPH

REFERENCE 3910



REF. IW391036

in stainless steel with blue dial  
and black alligator leather strap



REF. IW391029

in stainless steel with black dial  
and black alligator leather strap



REF. IW391030

in stainless steel with black dial  
and Milanese mesh bracelet in stainless steel

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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  $\bowtie$  3 bar · Diameter 42 mm · Case height 13.6 mm



## PORTOFINO CHRONOGRAPH

REFERENCE 3910



REF. IW391025

in 18-carat 5N gold with silver-plated dial  
and dark brown alligator leather strap



REF. IW391035

in 18-carat 5N gold with blue dial  
and black alligator leather strap



BACK VIEW

for both References  
(illustrated is the IW391035)

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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 · Engraving of Portofino harbour on case back · Water-resistant  $\leftrightarrow$  3 bar · Diameter 42 mm · Case height 13.6 mm

## PORTOFINO HAND-WOUND EIGHT DAYS

REFERENCE 5101



REF. IW510103

in stainless steel with silver-plated dial  
and brown alligator leather strap



REF. IW510102

in stainless steel with black dial  
and dark brown alligator leather strap

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IWC-manufactured 59210 calibre (59000-calibre family) · Hand-wound · 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 · Alligator leather strap by Santoni · Diameter 45 mm · Case height 11.7 mm

P O R T O F I N O

## PORTOFINO HAND-WOUND EIGHT DAYS

REFERENCE 5101



REF. IW510106

in stainless steel with blue dial  
and black alligator leather strap



REF. IW510116

in stainless steel with blue dial  
and Milanese mesh bracelet in stainless steel



BACK VIEW

for all References  
(illustrated is the IW510116)

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IWC-manufactured 59210 calibre (59000-calibre family) · Hand-wound · 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  $\infty$  3 bar · Alligator leather strap by Santoni · Diameter 45 mm · Case height 11.7 mm



## PORTOFINO HAND-WOUND EIGHT DAYS

REFERENCE 5101



REF. IW510107

in 18-carat 5N gold with silver-plated dial  
and dark brown alligator leather strap



REF. IW510104

in 18-carat 5N gold with slate-coloured dial  
and dark brown alligator leather strap



BACK VIEW

for both References

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IWC-manufactured 59210 calibre (59000-calibre family) · Hand-wound · 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 · Alligator leather strap by Santoni · Diameter 45 mm · Case height 11.7 mm



## PORTOFINO HAND-WOUND MOON PHASE

REFERENCE 5164



REF. IW516401

in stainless steel with silver-plated dial  
and dark brown alligator leather strap

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IWC-manufactured 59800 calibre (59000-calibre family) · Hand-wound · 8-day power reserve when fully wound ·  
Power reserve display · Date display · Small hacking seconds · Moon phase display · Breguet spring · Sapphire glass,  
arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar ·  
Alligator leather strap by Santoni · Diameter 45 mm · Case height 13.2 mm

## PORTOFINO HAND-WOUND MOON PHASE

REFERENCE 5164



REF. IW516403

in 18-carat 5N gold with slate-coloured dial  
and dark brown alligator leather strap

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IWC-manufactured 59800 calibre (59000-calibre family) · Hand-wound · 8-day power reserve when fully wound · Power reserve display · Date display · Small hacking seconds · Moon phase display · Breguet spring · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Alligator leather strap by Santoni · Diameter 45 mm · Case height 13.2 mm

PORTOFINO

# PORTOFINO HAND-WOUND TOURBILLON RÉTROGRADE

REFERENCE 5165



REF. IW516501

in 18-carat 5N gold with silver-plated dial  
and dark brown alligator leather strap

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IWC-manufactured 59900 calibre (59000-calibre family) · Hand-wound · 8-day power reserve when fully wound ·  
Power reserve display · Retrograde date display · Flying hacking minute tourbillon at 6 o'clock · Breguet spring ·  
Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back ·  
Water-resistant 3 bar · Alligator leather strap by Santoni · Diameter 45 mm · Case height 14.1 mm

— SINCE 1969 —

# DA VINCI

THE DA VINCI, NAMED AFTER THE GREATEST UNIVERSAL GENIUS OF THE RENAISSANCE,  
COMBINES TECHNOLOGICAL INGENUITY WITH A UNIQUE AESTHETIC.

Leonardo da Vinci was a painter, sculptor and architect, but also a mechanic, engineer and philosopher. His work has been a source of inspiration to us for centuries. Not without reason is Leonardo da Vinci the most famous universal genius of all time. A watch family created by IWC in 1969 was named after him. It not only demonstrates the ingenuity and technical expertise of Schaffhausen's watch manufacturers, but also constantly bears testimony to an avant-garde aesthetic.

The most significant milestone in the watch family's history was the premiere of the perpetual calendar featured in the Da Vinci Perpetual Calendar of 1985. Comprising just 80 individual parts, the perpetual calendar was designed by Kurt Klaus and displays the date, day, month, year and moon phase on the dial. It automatically recognizes the different lengths of the months and adds a leap day at the end of February every four years. All the displays are perfectly synchronized with each other and can be set simply using the crown. Other innovations that have celebrated their

premieres with the Da Vinci family are the first quartz movement developed in Switzerland, IWC's first watch case in black zirconium oxide ceramic and the first chronograph manufactured in-house in Schaffhausen.

Over the years, the Da Vinci's design has often reflected a specific zeitgeist. For the latest collection, IWC revives the classic round design with twin-frame bezel and moving strap horns. The portfolio also includes exclusive models – some of which are set with diamonds – that come with a 36-millimetre diameter and are thus particularly suitable for women.



Scan the QR code to receive further information on the collection





## DA VINCI AUTOMATIC 36

REFERENCE 4583



REF. IW458312

in stainless steel with blue dial  
and dark blue alligator leather strap

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Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Engraving of the "Flower of Life" on case back · Water-resistant 3 bar · Alligator leather strap by Santoni · Diameter 36 mm · Case height 9.9 mm

## DA VINCI AUTOMATIC 36

REFERENCE 4583



REF. IW458307

in stainless steel with silver-plated dial  
and stainless-steel bracelet



REF. IW458308

in stainless steel with silver-plated dial,  
raspberry pink alligator leather strap  
and 54 diamonds, approx. 0.94 carat



BACK VIEW

for both References  
(illustrated is the IW458308)

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Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Engraving of the "Flower of Life" on case back · Water-resistant 3 bar · Alligator leather strap by Santoni · Diameter 36 mm · Case height 9.9 mm

## DA VINCI AUTOMATIC 36

REFERENCE 4583



REF. IW458309

in 18-carat 5N gold with silver-plated dial  
and dark brown alligator leather strap



REF. IW458310

in 18-carat 5N gold with silver-plated dial,  
18-carat 5N gold bracelet  
and 54 diamonds, approx. 0.94 carat



BACK VIEW

for both References  
(illustrated is the IW458310)

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Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Engraving of the "Flower of Life" on case back · Water-resistant  $\infty$  3 bar · Alligator leather strap by Santoni · Diameter 36 mm · Case height 9.9 mm

## DA VINCI AUTOMATIC MOON PHASE 36

REFERENCE 4593



REF. IW459306

in stainless steel with silver-plated dial  
and dark blue alligator leather strap



REF. IW459307

in stainless steel with silver-plated dial,  
dark brown alligator leather strap  
and 54 diamonds, approx. 0.94 carat



BACK VIEW

for both References  
(illustrated is the IW459307)

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Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Moon phase display · Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Engraving of the "Flower of Life" on case back · Water-resistant  $\infty$  3 bar · Alligator leather strap by Santoni · Diameter 36 mm · Case height 11.7 mm

## DA VINCI AUTOMATIC MOON PHASE 36

REFERENCE 4593



REF. IW459308

in 18-carat 5N gold with silver-plated dial  
and bronze-coloured alligator leather strap

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Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Moon phase display · Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Engraving of the "Flower of Life" on case back · Water-resistant 3 bar · Alligator leather strap by Santoni · Diameter 36 mm · Case height 11.7 mm

## DA VINCI AUTOMATIC

REFERENCE 3566



REF. IW356601

in stainless steel with silver-plated dial  
and black alligator leather strap



REF. IW356602

in stainless steel with slate-coloured dial  
and stainless-steel bracelet



REF. IW356605

in stainless steel with blue dial  
and stainless-steel bracelet

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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  $\bowtie$  3 bar ·  
Alligator leather strap by Santoni · Diameter 40.4 mm · Case height 10.2 mm



## DA VINCI PERPETUAL CALENDAR CHRONOGRAPH

REFERENCE 3921



REF. IW392103

in stainless steel with slate-coloured dial  
and black alligator leather strap

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IWC-manufactured 89630 calibre (89000-calibre family) · Self-winding · 68-hour power reserve when fully wound · Perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Rotor in 18-carat gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant  $\infty$  3 bar · Alligator leather strap by Santoni · Diameter 43 mm · Case height 15.7 mm

DA VINCI

## DA VINCI PERPETUAL CALENDAR CHRONOGRAPH

REFERENCE 3921



REF. IW392101

in 18-carat 5N gold with silver-plated dial  
and dark brown alligator leather strap

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IWC-manufactured 89630 calibre (89000-calibre family) · Self-winding · 68-hour power reserve when fully wound · Perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Rotor in 18-carat gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant ⌂ 3 bar · Alligator leather strap by Santoni · Diameter 43 mm · Case height 15.7 mm

# DA VINCI TOURBILLON RÉTROGRADE CHRONOGRAPH

REFERENCE 3931



REF. IW393101

in 18-carat 5N gold with silver-plated dial  
and dark brown alligator leather strap

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IWC-manufactured 89900 calibre (89000-calibre family) · Self-winding · 68-hour power reserve when fully wound · Retrograde date display · Flying hacking minute tourbillon at 6 o'clock · Pallet and escape wheel featuring Diamond Shell® technology · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Rotor in 18-carat gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant ⚡ 3 bar · Alligator leather strap by Santoni · Diameter 44 mm · Case height 16.9 mm





— SINCE 1967 —

# AQUATIMER

OPTIMIZED FOR SCUBA-DIVING, THE AQUATIMER IS UNUSUALLY VERSATILE  
AND CUTS A FINE FIGURE EVEN ASHORE.

Drifting, seemingly weightless, above multicoloured coral reefs, discovering a world teeming with fauna and flora: during the 1960s, an increasing number of people took up scuba-diving and began to examine the world below the surface of the oceans. It was at this time that IWC developed its first diver's watch. Before the advent of electronic dive computers, divers were reliant on precision watches suitable for use underwater to keep their dive time under control and ensure they did not put themselves at risk by ascending to the surface too rapidly. The Aquatimer, launched in 1967, was water-resistant to a depth of 200 metres. It was also equipped with a rotating bezel to make it easier to set the dive time.

IWC's collaboration with Porsche Design set a milestone in the history of this sporty watch family. The result was the Ocean 2000, which was unveiled in 1982. The Ocean 2000 was one of the first wristwatches ever to feature a case made of tough, lightweight titanium. With pressure-resistance of 200 bar, it had been optimized for depths of down to 2,000 metres.

IWC SafeDive® was developed in 2014. This innovative system ensures that the bezel can only be rotated in an anticlockwise direction and that the dive time cannot be accidentally extended. Another attractive feature of the Aquatimer models in the current collection is the user-friendly bracelet quick-change system. It allows the wearer to swap a stainless-steel bracelet for a rubber strap in the twinkling of an eye. This particular function makes the Aquatimer an enormously versatile companion: developed as a water-resistant diving instrument, it also cuts a fine figure on dry land.



Scan the QR code to receive further information on the collection



## AQUATIMER AUTOMATIC

REFERENCE 3290



REF. IW329001

in stainless steel with black dial  
and black rubber strap

REF. IW329002

in stainless steel with black dial  
and stainless-steel bracelet

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

Mechanical external/internal rotating bezel with IWC SafeDive® · 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 · Diameter 42 mm · Case height 14.2 mm

## AQUATIMER CHRONOGRAPH

REFERENCE 3768



REF. IW376803

in stainless steel with black dial  
and black rubber strap



REF. IW376804

in stainless steel with black dial  
and stainless-steel bracelet

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

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 · Diameter 44 mm · Case height 17 mm



AQUATIMER AUTOMATIC EDITION  
“EXPEDITION JACQUES-YVES COUSTEAU”

REFERENCE 3290



REF. IW329005

in stainless steel with blue dial  
and black rubber strap

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Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·  
Central hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive® ·  
Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex,  
antireflective coating on both sides · Engraving of a portrait of Jacques-Yves Cousteau on case back ·  
Water-resistant  $\infty$  30 bar · IWC bracelet quick-change system · Diameter 42 mm · Case height 14.2 mm

A Q U A T I M E R

AQUATIMER CHRONOGRAPH EDITION  
“EXPEDITION JACQUES-YVES COUSTEAU”

REFERENCE 3768



REF. IW376805

in stainless steel with blue dial  
and black rubber strap

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

AQUATIMER CHRONOGRAPH EDITION  
“GALAPAGOS ISLANDS”

REFERENCE 3795



REF. IW379502

in rubber-coated stainless steel with black dial  
and black rubber strap

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IWC-manufactured 89365 calibre (89000-calibre family) · Self-winding · 68-hour power reserve when fully wound · Date display ·  
Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Mechanical external/internal  
rotating bezel with IWC SafeDive® · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown ·  
Sapphire glass, convex, antireflective coating on both sides · Engraving of a marine iguana on case back ·  
Water-resistant  $\bowtie$  30 bar · IWC bracelet quick-change system · Diameter 44 mm · Case height 16.9 mm

A Q U A T I M E R





AQUATIMER CHRONOGRAPH EDITION  
“EXPEDITION CHARLES DARWIN”

REFERENCE 3795



REF. IW379503

in bronze with black dial  
and black rubber strap

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IWC-manufactured 89365 calibre (89000-calibre family) · Self-winding · 68-hour power reserve when fully wound · Date display · Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive® · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Engraving of a portrait of Charles Darwin on case back · Water-resistant  $\bowtie$  30 bar · IWC bracelet quick-change system · Diameter 44 mm · Case height 16.9 mm

— SINCE 1955 —

# INGENIEUR

IN THE 1950S, THE INGENIEUR WAS IWC'S ANSWER TO THE RAPID ADVANCEMENT OF TECHNOLOGY IN HOUSEHOLDS.

The 1950s were a time of growth and progress. Technical appliances such as radios, televisions and loudspeakers became increasingly more common in households. However, many of the achievements of modern technology generated magnetic fields that could easily disturb the rate of mechanical watches. As a result, IWC decided to develop a wristwatch with an unusually effective level of protection against magnetism.

The first Ingenieur was unveiled in 1955 – a classic, round men's watch with clear-cut proportions and an unobtrusive dial design. However, concealed away inside the case were no fewer than two technical innovations. The movement, for instance, was effectively protected against the influences of magnetic fields by a soft-iron inner cage. And in Reference 666, IWC made use of a variant of the 85 calibre, one of the first automatic movements developed entirely in Schaffhausen. Its power came from an automatic winding system developed by Albert Pellaton, the company's technical director at the time. Unlike most other similar

systems of the time, Pellaton's highly efficient solution used revolutions of the rotor in both directions to wind the mainspring.

In 2017, IWC unveiled the Ingenieur once again with the classic, round design from the 1950s and 1960s. And for the first time, the company also decided to use a chronograph movement from the new 69000-calibre family for the Ingenieur Chronograph.



Scan the QR code to receive further information on the collection





## INGENIEUR AUTOMATIC

REFERENCE 3570



REF. IW357001

in stainless steel with silver-plated dial  
and black alligator leather strap



REF. IW357002

in stainless steel with black dial  
and stainless-steel bracelet



REF. IW357003

in 18-carat 5N gold with slate-coloured dial  
and black alligator leather strap

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Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·  
Central hacking seconds · Luminescent elements on hands and dial · Screw-in crown · Sapphire glass, convex,  
antireflective coating on both sides · Water-resistant ⌂ 12 bar · Diameter 40 mm · Case height 10.3 mm

# INGENIEUR CHRONOGRAPH

REFERENCE 3808



REF. IW380801

in stainless steel with silver-plated dial  
and stainless-steel bracelet



REF. IW380802

in stainless steel with blue dial  
and stainless-steel bracelet



BACK VIEW

for both References

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IWC-manufactured 69375 calibre (69000-calibre family) · Self-winding · 46-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Luminous elements on hands and dial · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 12 bar · Diameter 42.3 mm · Case height 14.9 mm

## INGENIEUR CHRONOGRAPH

REFERENCE 3808



REF. IW380803

In 18-carat 5N gold with slate-coloured dial  
and black alligator leather strap

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IWC-manufactured 69375 calibre (69000-calibre family) · Self-winding · 46-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Luminous elements on hands and dial · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 12 bar · Diameter 42.3 mm · Case height 14.9 mm

# INGENIEUR PERPETUAL CALENDAR DIGITAL DATE-MONTH

REFERENCE 3818



REF. IW381802

in titanium with slate-coloured dial  
and black calfskin strap

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IWC-manufactured 89801 calibre (89000-calibre family) · Self-winding · 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 · Rotor in 18-carat gold · Luminescent elements on hands and dial · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant  $\bowtie$  12 bar · Diameter 45 mm · Case height 17.4 mm · Limited edition of 100 watches

INGENIEUR



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## IWC SCHAFFHAUSEN AND THE WORLD OF MOTORSPORT



Official Team Partner

IWC  
SCHAFFHAUSEN



AMG  
PETRONAS  
MOTORSPORT



Since 2013, IWC has been Official Engineering Partner of the Mercedes-AMG Petronas Motorsport team

There are numerous parallels between motorsport and the art of watchmaking. Both disciplines rely on precision engineering, state-of-the-art materials, superlative performance and innovation as well as a pioneering spirit, teamwork and passion. For this reason, IWC has had a long-standing commitment to motorsport. This commitment began in 2004 with a partnership involving Mercedes-AMG, the high-performance Mercedes-Benz marque. As a logical consequence, IWC became Official Engineering Partner of the Mercedes-AMG Petronas Motorsport team in 2013.

#### MOTORSPORT'S PREMIER DISCIPLINE

In motorsport's premier discipline, mere fractions of a second are the difference between victory and defeat. For this is how tight the margins are when the leading teams are doing battle on the world's best-known circuits. In Formula One™, engineers and specialists in aerodynamics are constantly pushing the boundaries of what is technically possible. Yet Formula One™ is also a materials science, because high-tech,

fibre-reinforced composites are often key. In watchmaking, the designers develop complex mechanisms made of large numbers of parts, which have to function together reliably in the smallest of spaces and are often subject to extreme stresses and strains. As Official Engineering Partner of the Mercedes-AMG Petronas Motorsport team, IWC puts the emphasis on the technological parallels between motorsport and the art of watchmaking.



A pioneering spirit, teamwork and passion are vital components in both Formula One™ and the watch industry



— SINCE 1868 —

# MANUFACTURE

IN ITS NEW MANUFACTURING CENTRE, IWC REMAINS TRUE TO THE FUNDAMENTAL IDEAS  
ESTABLISHED BY ITS FOUNDER AND CONTINUES TO BLEND THE TRADITIONAL ART  
OF WATCHMAKING WITH STATE-OF-THE-ART PRODUCTION METHODS AND TECHNOLOGIES.

In 1868, a watchmaking pioneer by the name of Florentine Ariosto Jones from Boston travelled to Switzerland with a bold entrepreneurial idea. His dream was to combine the craftsmanship of traditional Swiss watchmakers with modern production technology from the American watchmaking industry in order to make the best pocket watches of his time.

In Schaffhausen he found the support of investors and politicians who helped him turn his vision into reality. He founded the International Watch Company in the small town in north-eastern Switzerland, where he was also able to use water power from the Rhine to drive his machines. Within a few years, Jones had set up an infrastructure for the production of several thousand movements annually. The "Jones calibres", based on a platform strategy, were fitted with three-quarter bridges. This type of design, also known in America, gave the calibres greater stability and facilitated simpler and more efficient production of small parts.

Jones thus not only laid the foundations for IWC's unique engineering approach but also established an industrialised form of mechanical watch production, based on the division of labour, in Switzerland.

In its new manufacturing centre, IWC remains true to the fundamental ideas of its founder and continues to blend the traditional art of watchmaking with state-of-the-art production methods and technologies. The manufacture of movement parts and cases involves the use of machines of the very latest generation. By contrast, the assembly of the in-house movements and complications calls for skilled craftsmanship of the highest order. Only the experienced hand of a watchmaker can make the mechanical heart of an IWC watch start to beat.



In its new manufacturing centre, IWC combines centuries-old watchmaking expertise  
with state-of-the-art production methods and innovative technologies

M A N U F A C T U R E

## STATE-OF-THE-ART MACHINES, PRACTISED EYES AND HANDS

In its new manufacturing centre, opened in 2018, IWC brings together the production of components, in-house movements and cases under one roof. The various stages were defined with the precision required for optimum production processes and perfect quality. For instance, the entire value-added chain from raw material via individual components to completed in-house movement is structurally set up as a logical sequence on one floor.

But the new building not only offers ideal conditions for production and ergonomic workstations for employees: it also features eye-catching architecture and resembles an expo-style pavilion that invokes classic modernism. With its combination of gallery, studio and display of engineering achievement, it also virtually embodies the spirit of the IWC brand. The parts production section manufactures some 1,500 different components, including complex ones such as bottom plates, bridges or rotors, but also small ones such as advance levers, springs and intermeshing elements. One of the department's jobs is also the production of components for complications such as the perpetual calendar or the tourbillon.

Mechanical watches are intricate mechanisms that perform their duty continuously on the wearer's wrist. For this reason, the demands regarding precision are extremely high. After the milling process, the bottom plate for the 52000-calibre family, for example, has around 400 geometric features and must be produced to minimum tolerances of a few thousandths of a millimetre. For this reason, most of the machining steps are automated. Only computer-controlled lathes and milling centres are capable of manufacturing the parts to the quality required.

These centres process several brass blanks in a single set-up and change tools and machining positions automatically.

The surfaces of the parts are finished in the electroplating section, which gives them specific characteristics. The main focus here is on corrosion protection and aesthetics. A protective surface of nickel and rhodium, for instance, prevents brass parts from tarnishing and developing a patina. At the same time, it gives the parts a silvery white colour. The assembly department follows on directly from the parts production section. While the production of parts is highly automated, the assembly of IWC-manufactured calibres requires a good deal of elaborate craftsmanship. In the preliminary assembly section, other parts are added to the plates and bridges – the “ébauches”, as they are known – before the completed modules are sent on to the assembly lines.

For the assembly of movements, IWC has developed a line concept based on a visionary idea from its founder, Florentine Ariosto Jones, and continues to expand on it. Breaking the assembly process down into several stages makes it possible to involve a specialist with specific know-how for every step of the process. This approach guarantees a very high level of quality. Because the functioning of a watch movement can be adversely affected by even minuscule amounts of dust or dirt, assembly takes place in a clean-room atmosphere, where conditions are similar to those found during the manufacture of computer chips, for example.



The production of parts, IWC-manufactured movements and cases is brought together under one roof

M A N U F A C T U R E



The “Probus Scafusia” logo has formally embodied IWC’s commitment to quality ever since it was coined in 1903

Finally, in the “réglage” department, the assembled movements are precision-adjusted to meet IWC’s stringent requirements. The “régleurs”, as they are known, measure a watch’s precision in six different positions on a timing machine. They painstakingly align the balance spring and adjust the escapement by hand.

In the watch assembly department, the dials and hands are fitted onto the movements. These movements are then fitted into their cases and the winding stems adjusted. Only following a strict final inspection do the watches leave the workshops. During the 10-day running-in period, the movement’s micro-mechanical actions are able to stabilise and all the lubricants are evenly distributed. Finally, the watch’s precision, together with its air-tightness and water-resistance, are checked again, while the functions and appearance are subjected to a last inspection.

In everyday use, mechanical watches are often exposed to considerable stresses and strains: if their owners go diving, for instance, play golf or enjoy mountain biking. The IWC laboratory ensures that timepieces from Schaffhausen are highly suitable

for everyday use. In this state-of-the-art testing and homologation centre, every new development from IWC is intensively assessed over a period of several months. Around 30 gruelling tests simulate virtually every challenge a watch can encounter.

In impact tests, the timepieces are shaken around for hours on end or subjected to shocks at speeds of up to 5,000 times the acceleration of gravity. Components subject to high mechanical wear and tear, such as winding systems or push-buttons, undergo tough fatigue tests to check their resistance to abrasion. The inspection programme also includes comprehensive climate, corrosion and UV tests. The watches are only ready for series production when the pilot run is successful.

The entire development process – from the design of a watch and the construction of the movement and case to parts production, assembly of the movement and final inspection – is accompanied by stringent quality control. State-of-the-art scientific methods involving computer simulations, high-speed cameras or laser measuring instruments ensure that every IWC watch lives up to the engraved commitment to quality, “Probus Scafusia”, and will give its owner a lifetime of pleasure.

## THE BEATING HEART OF THE TIME MACHINE

The movement is the beating heart of a mechanical watch. The energy stored in the barrel drives the train on which the hands are mounted. At the end of the chain are the pallet escapement and the balance. The balance's regular oscillations dictate the speed at which the escapement releases and then blocks the train. A frequency of 4 Hertz is equivalent to 28,800 beats of the balance per hour. However, many IWC-manufactured movements not only display the time and date, but they also drive complications such as a chronograph, a perpetual calendar or a tourbillon.

In designing its movements, IWC pays attention to maximum precision as well as high-level efficiency and a robust construction. Winding systems such as the Pellaton or the pawl-winding system use the bidirectional movements of the rotor to wind the mainspring. The watch designers integrate components and design bridges and bars to be as robust and resilient as possible. As a result, the in-house movements from Schaffhausen, which visually resemble the engine blocks found in sports cars, are extremely suitable for everyday use and built to take extreme stresses and strains in their stride.

The 52000-calibre family brings together a group of particularly high-performance automatic movements. They feature a Pellaton winding system, which is fitted with components made of virtually wear-free ceramic and builds up a 7-day power reserve in its two barrels.

Slightly smaller in size are the movements for the 82000-calibre family, which likewise feature Pellaton winding. The movements for both calibre families are also built to drive complications such as the perpetual calendar. Thanks, among other things, to silicon components and newly developed lubricants, the automatic movements in the 32000-calibre family feature a 3-day power reserve. Finally, the 51000-calibre family is used to power complications such as the tourbillon and the perpetual calendar.

The hand-wound movements in the 59000-calibre family come with an 8-day power reserve and need to be wound only once a week. The indexless balance and manually shaped Breguet spring guarantee a high level of precision.

The 69000-calibre family unites several rugged, reliable, classic column-wheel design chronograph movements. They derive the energy they need from a bidirectional pawl-winding system. The chronographs in the 89000-calibre family display elapsed hours and minutes together in a totalizer at "12 o'clock". Recorded times can thus be read as simply and intuitively as the time.



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 CALIBRE FAMILIES



### 52000 - CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency <sup>a)</sup>	Jewels	Winding <sup>b)</sup>	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, 5010
52110	7.5 mm	37.8 mm	28,800 A/h/4 Hz	31	S	7 days	X	–	5010
52610	9.0 mm	37.8 mm	28,800 A/h/4 Hz	54	S	7 days	X	Perpetual calendar, moon phase display	5033
52615	9.0 mm	37.8 mm	28,800 A/h/4 Hz	54	S	7 days	X	Perpetual calendar, double moon phase	5034

<sup>a)</sup> A/h = alternances à l'heure = beats per hour

<sup>b)</sup> S = self-winding, H = hand-wound

### 32000-CALIBRE FAMILY



### 51000-CALIBRE FAMILY



#### 32000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency <sup>a)</sup>	Jewels	Winding <sup>b)</sup>	Power reserve	Date	Special features	References
32110	4.2 mm	28.2 mm	28,800 A/h/4 Hz	21	S	3 days	X	–	3268, 3269

#### 51000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency <sup>a)</sup>	Jewels	Winding <sup>b)</sup>	Power reserve	Date	Special features	References
51900	8.9 mm	37.8 mm	19,800 A/h/2.75 Hz	44	S	7 days	X	Tourbillon, retrograde date	5046
51950	9.3 mm	37.8 mm	19,800 A/h/2.75 Hz	54	S	7 days	X	Tourbillon, perpetual calendar, moon phase display	5045

<sup>a)</sup> A/h = alternances à l'heure = beats per hour

<sup>b)</sup> S = self-winding, H = hand-wound

## 59000-CALIBRE FAMILY



## 69000-CALIBRE FAMILY



### 59000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency <sup>a)</sup>	Jewels	Winding <sup>b)</sup>	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
59235	7.3 mm	37.8 mm	28,800 A/h/4 Hz	30	H	8 days	X	Large date window	5105
59360	7.6 mm	37.8 mm	28,800 A/h/4 Hz	36	H	8 days	X	Monopusher chronograph	5153
59800	7.3 mm	37.8 mm	28,800 A/h/4 Hz	30	H	8 days	X	Moon phase display	5164
59900	8.2 mm	37.8 mm	28,800 A/h/4 Hz	38	H	8 days	X	Hacking tourbillon, retrograde date	5165

### 69000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency <sup>a)</sup>	Jewels	Winding <sup>b)</sup>	Power reserve	Date	Special features	References
69355	7.0 mm	30 mm	28,800 A/h/4 Hz	27	S	46 h	–	Chronograph	3716
69375	7.9 mm	30 mm	28,800 A/h/4 Hz	33	S	46 h	X	Chronograph	3808
69380	7.9 mm	30 mm	28,800 A/h/4 Hz	33	S	46 h	X	Chronograph, day of the week	3879, 3891

<sup>a)</sup> A/h = alternances à l'heure = beats per hour

<sup>b)</sup> S = self-winding, H = hand-wound

## 82000-CALIBRE FAMILY



## 89000-CALIBRE FAMILY



### 82000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency <sup>a)</sup>	Jewels	Winding <sup>b)</sup>	Power reserve	Date	Special features	References
82200	6.6 mm	30 mm	28,800 A/h/4 Hz	31	S	60 h	–	–	3583
82650	7.8 mm	30 mm	28,800 A/h/4 Hz	46	S	60 h	X	Perpetual calendar, moon phase display	3442
82835	7.0 mm	30 mm	28,800 A/h/4 Hz	22	S	60 h	X	Tide indicator, double moon phase	3440

### 89000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency <sup>a)</sup>	Jewels	Winding <sup>b)</sup>	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	3907
89365	7.5 mm	30 mm	28,800 A/h/4 Hz	36	S	68 h	X	Chronograph, flyback function	3795
89630	9.0 mm	30 mm	28,800 A/h/4 Hz	51	S	68 h	X	Chronograph, perpetual calendar, moon phase display, flyback function	3921, 3922
89760	8.4 mm	30 mm	28,800 A/h/4 Hz	39	S	68 h	X	Chronograph, flyback function, time zone function	3950
89801	9.9 mm	37 mm	28,800 A/h/4 Hz	51	S	68 h	X	Chronograph, digital perpetual calendar, flyback function	3818
89900	9.9 mm	30 mm	28,800 A/h/4 Hz	42	S	68 h	X	Chronograph, flyback function, hacking tourbillon, retrograde date	3931, 3940

<sup>a)</sup> A/h = alternances à l'heure = beats per hour

<sup>b)</sup> S = self-winding, H = hand-wound

## INNOVATIVE CASE MATERIALS TO MEET ANY DEMAND

Every material has its own specific properties and offers individual advantages. Stainless steel has a long service life and does not rust. Gold is relatively heavy and epitomizes luxury and elegance. One of the central components in IWC's engineering approach is the search for materials that match the functional and aesthetic demands on its watches. Since the 1980s, the company has acquired unmatched expertise in the development and machining of case materials.

### INNOVATIVE CASE MATERIALS

With the IWC Porsche Design Titanium Chronograph, unveiled in 1980, IWC presented one of the world's first wristwatches in titanium. Titanium is unusually robust and about a third lighter than steel. The skin-friendly material also has an attractive matte grey colour. In 2013, IWC made its first use of titanium aluminide, an alloy made of titanium and aluminium. It is lighter and more stable than pure titanium and has a darker surface colour.

In 1986, with the Da Vinci Perpetual Calendar, IWC rolled out the first series-produced wristwatch made of black zirconium oxide ceramic. Ceramic is lighter and harder than steel, absolutely scratch-resistant and has a velvety surface that is pleasant to the touch. The basis of technical ceramics, as used in watches, is polycrystalline powder. The powder is mixed with excipients to a homogeneous mass, shaped, and then baked in an oven. During this so-called sintering process, ceramic material shrinks by about a third, so this loss of size needs to be factored in from the start of the design phase. In recent years, IWC has also launched cases made of black boron carbide

high-performance ceramic, brown silicon nitride ceramic and tan-coloured zirconium oxide ceramic.

The most recent groundbreaking innovation to emerge from Schaffhausen is Ceratanium®. This material, developed by IWC, is as light and indestructible as titanium but also has a surface that is as hard and scratch-resistant as ceramic. The material is based on a special titanium alloy from which all the case components are produced. Finally comes a sintering process. At this stage, a phase transition takes place, during which the surface of the material turns into ceramic and takes on its matte black colour. With Ceratanium®, it is now possible for the first time to produce all the case components, such as the push-buttons and pin buckle, in a "Jet Black" design without any form of coating.



During the sintering process, the surface of Ceratanium® not only takes on the features typical of ceramic but also receives its unique matte black colour





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**THE BLANKS ARE MACHINED  
INDIVIDUALLY  
WITH THE HELP OF  
COMPUTER-CONTROLLED LATHES  
AND MILLING CENTRES.**

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With Armor Gold®, IWC has introduced a new material that has considerably higher hardness values than traditional 5N gold alloys. Here, a sophisticated production process transforms the gold alloy's microstructure.

However, the engineers from Schaffhausen are also experts in manufacturing cases made of platinum – the rarest, purest and most valuable of all the precious metals. Platinum is absolutely imperishable and has a captivating, unique, whitish shimmer.

For its bronze cases, IWC uses so-called aluminium bronze, which contains copper as well as aluminium and iron. Thanks to its specific composition, this alloy is around 50 per cent harder than conventional bronze and of a similar hardness to stainless steel. Another notable feature is its biocompatibility when compared with other bronze alloys. The special feature of bronze is that, with time, the material develops a patina. Every watch thus becomes unique.

Even a simple watch case comprises many individual components. When other functions such as a rotating bezel system or push-buttons are included, the number of parts can rise to several dozen. The blanks are machined individually with the help of computer-controlled lathes and milling centres. Depending on the material and case type, between 30 and 50 cases can be made from a bar of one metre in length. The milling process alone may take up to several hours.

Following the machining process, the cases are polished in the surface finishing department. The final cleaning cycle and inspection take place in a clean-room atmosphere and are carried out by hand. Ultimately, the quality of a surface can only be determined by the human eye.

**OPTIMUM PROTECTION  
AGAINST EXTERNAL INFLUENCES**

The glass, case, seals and back cover of the watch provide effective protection in everyday use against water or dust. The water-resistance is shown in bar and individually tested on every watch during the final inspection.

Some models, such as those in the Pilot's Watches family, feature a soft-iron cage that effectively protects the movement against the influences of magnetic fields on its accuracy. The soft-iron case comprises the dial, casing ring and inner back plate. Like a Faraday cage, it conducts magnetism around the movement and shields the delicate components inside.

For its glass, IWC uses only sapphire glass, the hardest of all glass types. It consists of synthetically manufactured sapphire, making it extremely scratch-resistant and less sensitive to impact.

— FACTS AND SERVICES —

## IWC'S WATCHMAKERS GUARANTEE THE BEST POSSIBLE SERVICE

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



The movement is manually dismantled into its individual components

The mechanical watch works uninterruptedly and is exposed to extreme stresses and strains over the course of the day. Like any precision mechanical instrument, it therefore requires regular, expert care and attention. IWC's specially trained watchmakers are among the best in their métier worldwide. With know-how, painstaking precision and passion, they work worldwide to service and maintain the timepieces made in Schaffhausen. They not only have the right technologies to assist them, but can also draw on many years of experience in the field of Haute Horlogerie. With a practised eye and a steady hand, they devote all their energy to the complicated mechanical watches made by the House of IWC, in order to guarantee the best possible service.

Apart from the company headquarters in Schaffhausen, customers also have a worldwide network of over 25 official service centres and a large number of IWC boutiques and IWC authorized dealers at their disposal. Owners who regularly have their watches serviced can rest assured that the cherished timepiece they wear on their wrists will serve them well for decades to come, displaying the time as precisely and as reliably as the day when it left IWC's workshops.

## IMAGES

Burki & Scherer AG, Oftringen · Christopher Busch, Wennigsen · Goodbye Limits GmbH, Zurich · Heinz Hasler, Schaffhausen · I-réel, Paris · IWC Schaffhausen, Schaffhausen · Valentin Jeck, Stäfa · Michael Muller, Los Angeles · Reproscan Group AG, Ottenbach · Hans-Ruedi Rohrer, Zurich · Felix Streuli, Langnau a/A · Creative Syndicate, Paris · Anthony Tâche, Lausanne · Romain Hugault, France · Le Truc, Geneva

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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 INFORMATION

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

The illustrations in this catalogue may show watches with customized or special features that are only available at additional cost and 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 leather straps from Santoni may also differ from the original. It should furthermore be noted that, when natural materials (e.g. leather) are used, 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, these functional jewels are made of industrial-standard rubies. They are used for bearings, levers and intermeshing elements as well as parts of the escapement and the balance and spring, but are also found in certain components 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. With regards to their physical and chemical properties, these "jewels" are similar to natural rubies and, after cutting and polishing, have the same surface characteristics.

The number of "jewels" shown on an IWC movement refers to all its synthetically manufactured functional jewels.

Nowadays, it is technologically possible to make gears, cams and other movement parts from classical stones, but these components are not counted with the "jewels".

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

All the Aquatimer models feature an external/internal rotating bezel that is used to set dive times. IWC SafeDive® ensures that the internal rotating bezel can only be adjusted when the external bezel is rotated in an anticlockwise direction. Thanks to this feature, even if the external bezel is accidentally moved, zero hour – the time at which the diver can return to the surface without the need for decompression stops – cannot be exceeded. Further instructions can be found in the corresponding operating instructions.

Diamond Shell® is a diamond coating that is applied to mechanical movement components. It is created using the chemical vapour deposition process (CVD for short). This procedure is used to produce thin solid films made of high-quality, high-performance material. Such diamond-coated watch parts – especially the pallet and escape wheel, for example – reduce friction and result in a higher output of energy and longer power reserve for watches.

Armor Gold® is a special version of a classic 5N gold alloy that has an improved microstructure with considerably higher hardness values.

Ceratanium®, IWC SafeDive®, Diamond Shell® and Armor Gold® are trademarks of IWC Schaffhausen and are registered in many countries worldwide.

Images are for illustrative purposes only. In California, all IWC watches are sold with straps made of legally permitted materials. For further information, please contact our Concierge on +1 855 219 1577 or at concierge-usa@iwc.com

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