CRAFTSMANSHIP
MADE IN SCHAFFHAUSEN

COLLECTION 2019/2020

IWC
SCHAFFHAUSEN

CONTENTS

2019/2020


ROMAIN HUGAULT

THE YEAR OF THE PILOT'S WATCHES

The year of our 150th company anniversary is now history. A highlight was the opening of our new manufacturing centre. It draws on the precedent set by our founder Florentine Ariosto Jones and unites the traditional art of watchmaking with state-of-the-art production methods and technologies. It also means that we are now optimally prepared for the next 150 years of IWC Schaffhausen.

This year, we turn the spotlight on the Pilot's Watches collection. Its history is inseparably linked with that of military aviation. We developed the Mark 11 observer's watch in 1948 as a navigational instrument for the Royal Air Force. The puristic design was also the inspiration behind our new Spitfire collection. It takes its name from the legendary British fighter plane that perfectly combined form and function. In honour of this outstanding feat of engineering, we have equipped all our Spitfire watches with IWC-manufactured calibres.

Two men who are also fascinated by the Spitfire's engineering are Steve Boultbee Brooks and Matt Jones. In summer 2019, and for the first time in the history of aviation, the two British pilots will circumnavigate the globe in a Spitfire. We are thrilled by the idea and will be actively supporting the "Silver Spitfire – The Longest Flight" project.

Our TOP GUN watches are built using robust, corrosion-resistant materials such as ceramic and titanium to withstand the extreme stresses and strains encountered in the cockpit. For the first time ever, we have used Ceratanium® in the new TOP GUN line. Developed by IWC, the new material unites the advantages of titanium and ceramic and has also allowed us to make our first entirely black Pilot's Watch.

And finally, who could better translate the fascination of flying into compelling images than someone who also sits in a cockpit? French illustrator and recreational pilot Romain Hugault has, among other things, captured the Spitfire's glorious silhouette in his paintings.

I wish you inspired reading as you discover the new collection for yourself.

CHRISTOPH GRAINGER-HERR
CEO of IWC Schaffhausen

— SINCE 1936 —

PILOT'S WATCHES

IWC DEVELOPED THE ICONIC MARK 11 NAVIGATION WATCH IN 1948

The first Special Pilot's Watch left the IWC factory in 1936. It was the start of a special relationship between IWC Schaffhausen and flying. Just 4 years later came the Big Pilot's Watch Calibre 52 T.S.C., the first observer's watch with a case measuring 55 millimetres in diameter. With its cockpit-inspired design, it rapidly became a style icon and a model for all classic pilot's watches.

The navigation watches of the 1940s were already reasonably accurate – but they found it hard to deal with heat and high humidity. A further challenge was posed by the radar screens used during the final approach. They developed strong magnetic fields and could easily disrupt a watch's rate.

For this reason, in 1948 the Royal Air Force tendered for a navigation watch that had been redesigned from scratch.

In response, IWC's engineers developed the Mark 11. It was powered by the 89 calibre. Its most important feature was effective protection against magnetic fields. A soft-iron case, the upper side of which formed the dial, shielded the movement against magnetism. Furthermore, the front glass was secured to prevent it from being displaced by sudden drops in air pressure in the cockpit. And thanks to a high-contrast black dial featuring luminescent elements, the time was legible at a glance, even at night.

For many years, the Mark 11 was an instrument vital to the survival of the Air Force's pilots and navigators. Even later, after the installation of fail-safe radio beacons, it retained its importance as a reserve navigation system in the event of technical problems. No one other than the Greenwich Royal Observatory was entrusted with servicing it. The watch remained in active service until 1981 and was also used by the South African, Australian and New Zealand air forces.

But the Pilot's Watch Double Chronograph, launched in Schaffhausen in 1992, began the era of the modern Special Pilot's Watch. Not only its technical functions, such as protection against magnetic fields but also the cockpit-like look of the

THE MOST FAMOUS PILOT'S WATCH OF THE SCHAFFHAUSEN-BASED MANUFACTURER WAS ORIGINALLY BUILT FOR THE ROYAL AIR FORCE

design, were significantly influenced by the historic mil-spec watches. As a result, even when we look at the dial today, the Pilot's Watches remind us of their original purpose as robust and reliable navigational instruments.

In 2003, IWC launched the first Pilot's Watches series named after the legendary British aircraft, the Spitfire.

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

In 2007, for the first time ever, a watch bearing the name TOP GUN joined the IWC Pilot's Watches squadron. In 2012, IWC's year of the Pilot's Watches, the TOP GUN collection established itself as an independent line in the Pilot's Watches family.


Matt Jones

Steve Boultbee Brooks

For the first time in the history of aviation, the two British pilots plan to circumnavigate the globe in a Spitfire

THE SPITFIRE EMBARKS ON ITS LONGEST JOURNEY

— THE LONGEST FLIGHT —

STEVE BOULTBEE BROOKS AND MATT JONES PLAN TO CIRCUMNAVIGATE THE GLOBE WITH THE "SILVER SPITFIRE" AND WRITE AVIATION HISTORY.

The Spitfire was designed as a fighter plane for the Royal Air Force. It wrote history during the Battle of Britain. Its characteristic, elliptically shaped wings were the outcome of perfect engineering and have also made the aircraft a design icon. Steve Boultbee Brooks and Matt Jones are fascinated by the Spitfire's extraordinary engineering history. With the Boultbee Flight Academy, they have founded the world's only recognized Spitfire flying school. Now, for the first time in aviation history, the two British pilots plan to fly around the globe in a Spitfire.

The "Silver Spitfire" is about to embark on its longest flight. The aircraft has been painstakingly restored over a period of 2 years by 14 specialists. An unusual polishing technique was used during the process. It gives the aircraft its high-gloss finish whilst preserving the patina that history has left behind on the metal fuselage of the plane, built in 1943. The "Silver Spitfire" has thus become a mirror of time, because its own history is a reflection of the present.

The longest flight begins in Goodwood in summer 2019. To cover more than 43,000 kilometres around the world, the pilots will need to divide the flight into up to 100 legs. As a fighter plane, the Spitfire has a range of just 1,000 nautical miles. In view of its advanced age, it also requires an enormous amount of maintenance. And because both aviation fuel and spare parts need to be available at every touch down, the adventure is also a gigantic logistical undertaking.

FOLLOW THE VOYAGE OF THE "SILVER SPITFIRE": IWC.COM/EN/THELONGESTFLIGHT.HTML

THE SPITFIRE: PEERLESS ENGINEERING AND TIMELESS DESIGN

In the new Spitfire collection, IWC brings form and function together in perfect harmony. In recognition of the unique feat of engineering behind the Spitfire, the entire collection is equipped with high-quality IWC-manufactured movements.

For the first time ever, IWC presents a Pilot's Chronograph driven by a chronograph movement from the 69000-calibre family with a diameter of just 41 millimetres. Also for the first time, automatic movements from the 82000-calibre family are now used for the Pilot's Watches. Finally, the new 32000-calibre family likewise celebrates its debut in the Pilot's Watch Automatic Spitfire.

The aesthetics of the Spitfire models were inspired by the puristic cockpit-inspired design of the historic Mark 11 navigator's watch. The models with stainless-steel cases, black dials, rhodium-plated hands and green textile straps take their colour cues from the Spitfire cockpit.

The other watches combine beautifully finished bronze cases with green dials and supple, brown calfskin straps. Over time, the bronze develops a characteristic patina and gives each watch a very individual character.


ROMAIN HUGAULT

PILOT'S WATCH TIMEZONER SPITFIRE EDITION "THE LONGEST FLIGHT"

REFERENCE 3955

REF. IW395501
in stainless steel with
black dial and
green textile strap

Limited edition of 250 watches · Mechanical movement · Pellaton automatic winding · IWC-manufactured 82760 calibre (82000-calibre family) · 60-hour power reserve when fully wound · Date display · Worldtimer function for setting the time zone via the rotating bezel · 24-hour display · Central hacking seconds · 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 · Water-resistant 6 bar · Case height 15.2 mm · Diameter 46 mm


SANTIAGO
MEXICO
L. ANGELES
DENVER
ANCHOR.
HAWAII
AUCKLAND
SAMOA
NOUMEA
SYDNEY
TOKYO
BEIJING
DHAKA
KARACHI
DUBAI
RIYADH
CAIRO
PARIS
LONDON
UTC AZORES
S. GEORGIA
R. JANEIRO
NEW YORK
25
24 · 22 · 20
IWC
SCHAFFHAUSEN
SPITFIRE
TIMEZONER
SWISS MADE
ATLANTIC
Baffin Bay
Barents Sea
Norwegian Sea
North Sea
Gulf of Biscaya
Mediterranean
START AT
GOODWOOD AERODROME
PARIS
SCHAFFHAUSEN
ROME

PILOT'S WATCH AUTOMATIC SPITFIRE

REFERENCE 3268

REF. IW326801
in stainless steel with
black dial and
green textile strap

Mechanical movement · Self-winding · IWC-manufactured 32110 calibre (32000-calibre family) · 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 · Case height 10.8 mm · Diameter 39 mm

PILOT'S WATCH AUTOMATIC SPITFIRE

REFERENCE 3268

REF. IW326802
in bronze with
green dial and
brown calfskin strap

Mechanical movement · Self-winding · IWC-manufactured 32110 calibre (32000-calibre family) · 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 · Case height 10.6 mm · Diameter 39 mm

PILOT'S WATCH CHRONOGRAPH SPITFIRE

REFERENCE 3879

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

Mechanical chronograph movement · Self-winding · IWC-manufactured 69380 calibre (69000-calibre family) · 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 · Case height 15.3 mm · Diameter 41 mm

PILOT'S WATCH CHRONOGRAPH SPITFIRE

REFERENCE 3879

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

Mechanical chronograph movement · Self-winding · IWC-manufactured 69380 calibre (69000-calibre family) · 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 · Case height 15.3 mm · Diameter 41 mm


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SPITFIRE
UTC
24 · 22 · 20
25
SWISS MADE

PILOT'S WATCH UTC SPITFIRE EDITION "MJ271"

REFERENCE 3271

REF. IW327101
in bronze with
green dial and
brown calfskin strap

Limited edition of 271 watches · Mechanical movement · Pellaton automatic winding · IWC-manufactured 82710 calibre (82000-calibre family) · 60-hour power reserve when fully wound · UTC function with second time zone display · 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 · Case height 14.2 mm · Diameter 41 mm

BIG PILOT'S WATCH PERPETUAL CALENDAR SPITFIRE

REFERENCE 5036

REF. IW503601
in bronze with
green dial and
brown calfskin strap

Limited edition of 250 watches · Mechanical movement · Pellaton automatic winding · IWC-manufactured 52615 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase for the northern and southern hemispheres · Small hacking seconds · Rotor with 18-carat gold medallion · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · See-through sapphire-glass back · Water-resistant 6 bar · Case height 15.3 mm · Diameter 46.2 mm


CALENDAR
PERPETUAL
DAY
SUN MON TUE WED THU FRI SAT
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
IWC
SCHAFFHAUSEN
2019
SWISS MADE
Norwegian Sea
North Sea
Black Sea
PARIS
SCHAFFHAUSEN
ROME
GIZA
Gulf of Biscaya


ROMAIN HUGAULT

FLYING WAS HIS PASSION, WRITING HIS CALLING

Antoine de Saint-Exupéry was born on 29 June 1900, at the height of the exciting age of pioneering aviation. Even as a young boy, he dreamed of flying. He had the courage and tenacity to work at realizing his dream, and became a pilot. But, adventurer that he was, he had a second consuming passion: writing. His fairy-tale-like novella, “The Little Prince”, was an impassioned plea for more humanity and friendship and made him a world-famous author.

In honour of this milestone in literary history, IWC has produced a whole series of Pilot’s Watches whose most conspicuous feature is their midnight blue dial. This year, the family welcomes a particularly exclusive new member: the Pilot’s Watch Perpetual Calendar Chronograph Edition “Le Petit Prince” – the first Pilot’s Watch to combine a perpetual calendar with a chronograph. The timepiece with the characteristic midnight blue dial and 18-carat 5N gold case is limited to 250 watches. The perpetual calendar, constructed from just 80 components, requires no adjustments until 2100 and can be easily adjusted using the crown.

The great humanist, Saint-Exupéry himself, is often honoured with special editions. With tobacco brown dials and brown calfskin straps, the design was inspired by the flying suits used during the lifetime of the French writer and pilot.

FONDATION ANTOINE DE SAINT EXUPERY

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

REFERENCE 3270

REF. IW327010
in stainless steel with
blue dial and
brown calfskin strap

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

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

REFERENCE 3270

REF. IW327016
in stainless steel with
blue dial and
stainless-steel bracelet

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

PILOT'S WATCH CHRONOGRAPH EDITION "LE PETIT PRINCE"

REFERENCE 3777

REF. IW377717
in stainless steel with
blue dial and
stainless-steel bracelet

REF. IW377714
in stainless steel with
blue dial and
brown calfskin strap

BACK VIEW
for both References
(illustrated is the IW377717)

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Engraving of "The Little Prince" on case back · Water-resistant 6 bar · Case height 15.2 mm · Diameter 43 mm · Calfskin strap by Santoni

PILOT'S WATCH CHRONOGRAPH EDITION "LE PETIT PRINCE"

REFERENCE 3777

REF. IW377721
in 18-carat 5N gold with
blue dial and
brown calfskin strap

Limited edition of 250 watches · Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · 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 · Case height 15.5 mm · Diameter 43 mm · Calfskin strap by Santoni


IWC
SCHAFFHAUSEN
DAYS
AUTOMATIC
25
SWISS MADE

BIG PILOT'S WATCH EDITION "LE PETIT PRINCE"

REFERENCE 5010

REF. IW501002
in stainless steel with
blue dial and
brown calfskin strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 52110 calibre (52000-calibre family) · 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 · Case height 15.6 mm · Diameter 46.2 mm · Calfskin strap by Santoni

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

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


IWC
SCHAFFHAUSEN
SAT · SUN
FRI · THU · WED · TUE
DEC
OCT · FEB
AUG · APR
JUN
SWISS MADE

PILOT'S WATCH MARK XVIII EDITION "ANTOINE DE SAINT EXUPÉRY"

REFERENCE 3270

REF. IW327003
in stainless steel with
brown dial and
brown calfskin strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Engraving of a Lockheed P-38 Lightning on case back · Water-resistant 6 bar · Case height 11 mm · Diameter 40 mm · Calfskin strap by Santoni

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

REFERENCE 3777

REF. IW377713
in stainless steel with
brown dial and
brown calfskin strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · 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 · Case height 15.2 mm · Diameter 43 mm · Calfskin strap by Santoni

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

REFERENCE 5027

REF. IW502706
in 18-carat 5N gold with
brown dial and
brown calfskin strap

Limited edition of 250 watches · Mechanical movement · Pellaton automatic winding · IWC-manufactured 52850 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Annual calendar with month, date and day · Small hacking seconds · Breguet spring · Rotor in 18-carat gold · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · See-through sapphire-glass back · Water-resistant 6 bar · Case height 15.3 mm · Diameter 46.2 mm · Calfskin strap by Santoni


DAYS
AUG
25
SUN
ANNUAL CALENDAR
A.
IWC
SCHAFFHAUSEN
SWISS MADE


Romain Hugault

ICONIC DESIGN RESULTS FROM AN AUTHENTIC HISTORY

With a diameter of over 46 millimetres and its cockpit-inspired dial, the Big Pilot's Watch embodies the very essence of a timepiece designed for aviators. But the Pilot's Watch Chronograph and the Pilot's Watch Mark XVIII likewise achieved the status of modern classics long ago. The Pilot's Watch Automatic 36 possesses all the style cues of a larger Pilot's Watch but, with a case measuring just 36 millimetres in diameter, is the perfect size for a slightly slimmer wrist.

The technical specifications of these Pilot's Watches include a soft-iron inner case, which effectively protects the movement against magnetic fields. The front glasses are specially secured against sudden drops in air pressure in the cockpit.

The Pilot's Watch Timezoner Chronograph is equipped with the patented Timezoner mechanism, which makes it easy to set a second time zone. To do so, simply press the rotating bezel down, turn it to the desired time zone and release it. The hour hand, 24-hour display and date move automatically in sync.

PILOT'S WATCH AUTOMATIC 36

REFERENCE 3240

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

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Water-resistant 6 bar · Case height 10.4 mm · Diameter 36 mm · Alligator leather strap by Santoni

PILOT'S WATCH AUTOMATIC 36

REFERENCE 3240

REF. IW324010
in stainless steel with
black dial and
stainless-steel bracelet

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Engraving of a JU-52 aircraft on case back · Water-resistant 6 bar · Case height 10.7 mm · Diameter 36 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

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 6 bar · Case height 11 mm · Diameter 40 mm · Calfskin strap by Santoni


IWC
SCHAFFHAUSEN
25
MARK XVIII
AUTOMATIC
SWISS MADE

PILOT'S WATCH MARK XVIII

REFERENCE 3270

REF. IW327015
in stainless steel with
black dial and
stainless-steel bracelet

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Glass secured against displacement by drops in air pressure · Engraving of a JU-52 aircraft on case back · Water-resistant 6 bar · Case height 11 mm · Diameter 40 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)

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 ⋈ 6 bar · Case height 15.5 mm · Diameter 43 mm · Calfskin strap by Santoni


IWC
SCHAFFHAUSEN
DAYS
AUTOMATIC
25
SWISS MADE

BIG PILOT'S WATCH

REFERENCE 5010

REF. IW501001
in stainless steel with
black dial and
black calfskin strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 52110 calibre (52000-calibre family) · 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 · Case height 15.6 mm · Diameter 46.2 mm · Calfskin strap by Santoni

PILOT'S WATCH TIMEZONER CHRONOGRAPH

REFERENCE 3950

REF. IW395001
in stainless steel with
black dial and
black calfskin strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89760 calibre (89000-calibre family) · 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 6 bar · Case height 16.8 mm · Diameter 46 mm · Calfskin strap by Santoni


LONDON
S. GEORGIA
PARIS
UTC AZORES
R. JANEIRO
SANTIAGO
CAIRO
NEW YORK
MEXICO
DUBAI
DENVER
RIYADH
L. ANGELES
KARACHI
ANCHOR.
DHAKA
HAWAII
BANGKOK
SAMOA
BEIJING
NOUMEA
TOKYO
AUCKLAND
SYDNEY
25
IWC
SCHAFFHAUSEN


106
101
DANGER
DANGER
DANGER
ROMAIN HUGAULT

DESIGNED FOR THE JET-FLYING ELITE

Tortuous manoeuvres in supersonic jets like the F/A-18E/F Super Hornet, missions lasting months on an aircraft carrier: the demands of naval aviation are unimaginably high. The TOP GUN watches made by IWC since 2007 are manufactured using rugged, corrosion-resistant materials specially for Navy pilots.

The Pilot's Watch Double Chronograph TOP GUN Ceratanium is the first Pilot's Watch from IWC in a case made of Ceratanium®. Developed by IWC, this material combines the advantages of titanium and ceramic. It is as light and unbreakable as titanium, but also as hard and scratch-resistant as ceramic. Other compelling features are its skin friendliness, high corrosion-resistance and a striking matte black colour. As a result, it means that every single component, such as the push-buttons and pin buckle, is finished completely in a "Jet Black" design.

In addition, IWC is also presenting a Pilot's Watch in a case made of tan-coloured ceramic for the first time. The Pilot's Watch Chronograph TOP GUN Edition "Mojave Desert" takes its name from the location of the US Navy's research and development base – NAWS China Lake – and the famous "Sidewinder" low-level training route. The colour, which perfectly matches the flying suits of the Navy's pilots, results from a combination of zirconium oxide with other metallic oxides.

For the first time, the Pilot's Watch Chronograph TOP GUN features an IWC-manufactured movement from the 69000-calibre family. The Pilot's Watch Automatic TOP GUN is powered by the IWC-manufactured 32110 calibre. Both models are housed in cases made of non-reflecting, black zirconium oxide.


IWC
SCHAFFHAUSEN
TOP GUN
AUTOMATIC
25

PILOT'S WATCH AUTOMATIC TOP GUN

REFERENCE 3269

REF. IW326901
in ceramic with
black dial and
black textile strap

Mechanical movement · Self-winding · IWC-manufactured 32110 calibre (32000-calibre family) · 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 · Case height 11.4 mm · Diameter 41 mm


IWC
MON 25
SCHAFFHAUSEN

PILOT'S WATCH CHRONOGRAPH TOP GUN

REFERENCE 3891

REF. IW389101
in ceramic with
black dial and
black textile strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 69380 calibre (69000-calibre family) · 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 6 bar · Case height 15.7 mm · Diameter 44.5 mm

PILOT'S WATCH DOUBLE CHRONOGRAPH TOP GUN CERATANIUM

REFERENCE 3718

REF. IW371815
in Ceratanium® with
black dial and
black rubber strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Split-seconds hand for intermediate timing · 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 · Case height 16.8 mm · Diameter 44 mm


IWC
MON 25
SCHAFFHAUSEN

PILOT'S WATCH CHRONOGRAPH TOP GUN EDITION "MOJAVE DESERT"

REFERENCE 3891

REF. IW389103
in ceramic with
dark brown dial and
tan-coloured rubber strap

Limited edition of 500 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 69380 calibre (69000-calibre family) · 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 6 bar · Case height 15.7 mm · Diameter 44.5 mm


IWC
MON 25
SCHAFFHAUSEN

— SINCE 1939 —

PORTUGIESER

In the late 1930s, two Portuguese businessmen ordered wristwatches with the precision of marine chronometers from IWC in Schaffhausen. At the time, the only way of providing the desired precision was with a voluminous pocket watch movement. This was the reason why the watchmakers decided to take the 74-calibre hunter pocket watch movement, which fortunately had the crown on the right-hand side, and house it in a wristwatch case. When the first “large wristwatch” left the factory, it was technically and aesthetically way ahead of its time: technically, because the high-quality pocket watch calibre had a larger balance that set new standards in terms of precision for wristwatches – and aesthetically, because back then popular taste demanded dainty, and wherever possible rectangular, wristwatches in the art deco style.

Today, 80 years and countless watchmaking masterpieces later, the Portugieser watches are among IWC’s best-known timepieces. No other watch family unites quite as much expertise in the art of Haute Horlogerie as this one. With its timeless and unmistakable design consisting of simple Arabic numerals, “chemin de fer” railway-track-style chapter ring and balanced dial, it has long established itself as a watchmaking icon. The Portugieser Grande Complication, for instance, unites the perpetual calendar, perpetual moon phase display and minute repeater. In the Portugieser Tourbillon Mystère Rétrograde, the dial is dominated by the flying tourbillon. In addition to the feature for which it is named, the Portugieser Perpetual Calendar comes with either a single or double moon display that needs only 1 day’s adjustment in 577.5 years.


ANNUAL CALENDAR
AUG
25
SUN
DAYS
IWC
SCHAFFHAUSEN
SWISS MADE

PORTUGIESER AUTOMATIC

REFERENCE 5007

REF. IW500704
in stainless steel with
silver-plated dial and
black alligator leather strap

REF. IW500712
in stainless steel with
silver-plated dial and
black alligator leather strap

BACK VIEW
for all References

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

PORTUGIESER AUTOMATIC

REFERENCE 5007

REF. IW500705
in stainless steel with
silver-plated dial and
black alligator leather strap

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

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


IWC
SCHAFFHAUSEN
DAYS
AUTOMATIC
25
SWISS MADE

PORTUGIESER AUTOMATIC

REFERENCE 5007

REF. IW500701
in 18-carat 5N gold with
silver-plated dial and
dark brown alligator leather strap

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


IWC
SCHAFFHAUSEN
CHRONOGRAPH
AUTOMATIC
SWISS MADE

PORTUGIESER CHRONOGRAPH

REFERENCE 3714

REF. IW371445
in stainless steel with
silver-plated dial and
black alligator leather strap

REF. IW371446
in stainless steel with
silver-plated dial and
dark blue alligator leather strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Stopwatch function with minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 12.6 mm · Diameter 40.9 mm

PORTUGIESER CHRONOGRAPH

REFERENCE 3714

REF. IW371491
in stainless steel with
blue dial and
black alligator leather strap

REF. IW371447
in stainless steel with
black dial and
black alligator leather strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Stopwatch function with minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 12.6 mm · Diameter 40.9 mm

PORTUGIESER CHRONOGRAPH

REFERENCE 3714

REF. IW371480
in 18-carat 5N gold with
silver-plated dial and
dark brown alligator leather strap

REF. IW371482
in 18-carat 5N gold with
slate-coloured dial and
black alligator leather strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Stopwatch function with minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 12.6 mm · Diameter 40.9 mm

PORTUGIESER CHRONOGRAPH CLASSIC

REFERENCE 3903

REF. IW390302
in stainless steel with
silver-plated dial and
black alligator leather strap

REF. IW390303
in stainless steel with
blue dial and
black alligator leather strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 14.2 mm · Diameter 42 mm

PORTUGIESER CHRONOGRAPH CLASSIC

REFERENCE 3903

REF. IW390301
in 18-carat 5N gold with
silver-plated dial and
dark brown alligator leather strap

BACK VIEW
for all References
(illustrated is the IW390301)

Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 14.2 mm · Diameter 42 mm


IWC
SCHAFFHAUSEN
YACHT CLUB
SWISS MADE
25

PORTUGIESER YACHT CLUB CHRONOGRAPH

REFERENCE 3905

REF. IW390507
in stainless steel with
blue dial and
blue rubber strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 6 bar · Case height 14.2 mm · Diameter 43.5 mm

PORTUGIESER YACHT CLUB CHRONOGRAPH

REFERENCE 3905

REF. IW390502
in stainless steel with
silver-plated dial and
black rubber strap

REF. IW390503
in stainless steel with
slate-coloured dial and
black rubber strap

BACK VIEW
for both References

Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 6 bar · Case height 14.2 mm · Diameter 43.5 mm

PORTUGIESER YACHT CLUB CHRONOGRAPH

REFERENCE 3905

REF. IW390505
in 18-carat 5N gold with
slate-coloured dial and
black rubber strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 6 bar · Case height 14.2 mm · Diameter 43.5 mm

PORTUGIESER ANNUAL CALENDAR

REFERENCE 5035

REF. IW503502
in stainless steel with
blue dial and
black alligator leather strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 52850 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Annual calendar with month, date and day · Small hacking seconds · Breguet spring · Rotor with 18-carat gold medallion · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 14.9 mm · Diameter 44.2 mm

PORTUGIESER ANNUAL CALENDAR

REFERENCE 5035

REF. IW503504
in 18-carat 5N gold with
silver-plated dial and
black alligator leather strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 52850 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Annual calendar with month, date and day · Small hacking seconds · Breguet spring · Rotor with 18-carat gold medallion · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 14.9 mm · Diameter 44.2 mm


IWC
SCHAFFHAUSEN
SUN · MON · TUE · WED · THU · FRI · SAT
DAYS
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
2019
SWISS MADE

PORTUGIESER PERPETUAL CALENDAR

REFERENCE 5033

REF. IW503302
in 18-carat 5N gold with
silver-plated dial and
dark brown alligator leather strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 52610 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase · Small hacking seconds · 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 · Case height 14.9 mm · Diameter 44.2 mm · Alligator leather strap by Santoni

PORTUGIESER 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

Mechanical movement · Pellaton automatic winding · IWC-manufactured 52615 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase for the northern and southern hemispheres · Small hacking seconds · 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 · Case height 14.9 mm · Diameter 44.2 mm · Alligator leather strap by Santoni

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)

Limited edition of 250 watches · Mechanical movement · Pellaton automatic winding · IWC-manufactured 52615 calibre (52000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase for the northern and southern hemispheres · Small hacking seconds · 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 · Case height 14.9 mm · Diameter 44.2 mm · Alligator leather strap by Santoni

PORTUGIESER TOURBILLON MYSTÈRE RÉTROGRADE

REFERENCE 5046

REF. IW504601
in platinum with
silver-plated dial and
black alligator leather strap

Mechanical movement · Pellaton automatic winding · IWC-manufactured 51900 calibre (50000-calibre family) · 7-day power reserve when fully wound · Power reserve display · Retrograde date display · Flying minute tourbillon at 12 o'clock · 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 · Case height 14.9 mm · Diameter 44.2 mm · Alligator leather strap by Santoni

PORTUGIESER GRANDE COMPLICATION

REFERENCE 3776

REF. IW377602
in 18-carat 5N gold with
silver-plated dial and
dark brown alligator leather strap

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


IWC
SCHAFFHAUSEN
25
AUTOMATIC

— SINCE 1984 —

PORTOFINO

For many decades now, the former fishing village of Portofino on the Gulf of Tigullio near Genoa, Italy, has epitomized the laid-back way of life of southern Europe. The classically elegant Portofino watch family is a subtle reflection of this lifestyle. The history of the Portofino watch family began in the late 1970s. Back then, IWC noted a steady demand for timeless, classic models. The elegant IWC Lépine open-face pocket watch, Reference 5201, served as the basis for the new watch line: the dial was rotated through 90 degrees, and a moon phase display added to the movement. And that was it: the new "pocket-watch-style wristwatch" Reference 5251, unveiled in 1984, went by the name "Portofino". Since then, the Portofino collection has been one of IWC's most successful watch families: an expression of understatement and good taste.

Over the past 30 years, the Portofino watch collection has welcomed a stream of new timepieces and complications. However different they are from each other, they all perfectly reflect the heart and soul of this watch family. The Portofino range includes understated models with cases measuring 37 millimetres – and most recently 34 millimetres – in diameter and classic models with a simple moon phase display as well as watches with big complications. The Portofino Automatic 34 and 37 and the Portofino Automatic Moon Phase 37, for instance, are a celebration of subtle luxury with diamonds on the bezel or dial. The Portofino Hand-Wound Tourbillon Rétrograde, with its tourbillon at "6 o'clock" and beautiful see-through back cover, underscores IWC's fine watchmaking expertise. But it is the classically elegant Portofino Automatic, with its three hands and 40-millimetre diameter, that has established itself as the most popular watch within the Portofino watch family.

PORTOFINO AUTOMATIC 34

REFERENCE 3574

REF. IW357403
in stainless steel with
silver-plated dial,
dark brown alligator leather strap and
12 diamonds, approx. 0.04 carat

REF. IW357405
in stainless steel with
green dial,
green alligator leather strap and
12 diamonds, approx. 0.04 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 · Case height 8.7 mm · Diameter 34 mm · Alligator leather strap by Santoni

PORTOFINO AUTOMATIC 34

REFERENCE 3574

REF. IW357404
in stainless steel with
blue dial,
Milanaise mesh bracelet in stainless steel and
12 diamonds, approx. 0.04 carat

REF. IW357401
in 18-carat 5N gold with
silver-plated dial,
claret alligator leather strap and
12 diamonds, approx. 0.04 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 · Case height 8.7 mm · Diameter 34 mm · Alligator leather strap by Santoni

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

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 · Case height 8.7 mm · Diameter 34 mm · Alligator leather strap by Santoni


IWC
SCHAFFHAUSEN
SWISS MADE

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

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

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 9.2 mm · Diameter 37 mm · Alligator leather strap by Santoni

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

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 9.2 mm · Diameter 37 mm · Alligator leather strap by Santoni


IWC
SCHAFFHAUSEN
25
AUTOMATIC

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

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Central hacking seconds · Moon phase display · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 10.8 mm · Diameter 37 mm · Alligator leather strap by Santoni


IWC
SCHAFFHAUSEN
SWISS MADE


IWC
SCHAFFHAUSEN
SWISS MADE

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,
Milanaise mesh bracelet in 18-carat 5N gold and
78 diamonds, approx. 0.64 carat

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Central hacking seconds · Moon phase display · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 10.8 mm · Diameter 37 mm · Alligator leather strap by Santoni

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

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·
Central hacking seconds · Sapphire glass, convex, antireflective
coating on both sides · Water-resistant 3 bar · Case height 9.3 mm · Diameter 40 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
Milanaise mesh bracelet in
stainless steel

REF. IW356506
in stainless steel with
black dial and
Milanaise mesh bracelet in
stainless steel

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

PORTOFINO AUTOMATIC

REFERENCE 3565

REF. IW356504
in 18-carat 5N gold with
silver-plated dial and
dark brown alligator leather strap

REF. IW356511
in 18-carat 5N gold with
slate-coloured dial and
dark brown alligator leather strap

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

PORTOFINO AUTOMATIC

REFERENCE 3565

REF. IW356522
in 18-carat 5N gold with
blue dial and
black alligator leather strap

BACK VIEW
for all References
(illustrated is the IW356522)

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 3 bar · Case height 9.3 mm · Diameter 40 mm


IWC
SCHAFFHAUSEN
AUTOMATIC
SWISS MADE
5
10
15
20
25
35
40
45
50
55
60

PORTOFINO AUTOMATIC MOON PHASE

REFERENCE 4594

REF. IW459401
in stainless steel with
silver-plated dial and
brown alligator leather strap

REF. IW459402
in stainless steel with
blue dial and
black alligator leather strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Central hacking seconds · Moon phase display · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 11.2 mm · Diameter 40 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
Milanaise mesh bracelet in
stainless steel

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 13.6 mm · Diameter 42 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
Milanaise mesh bracelet in
stainless steel

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 3 bar · Case height 13.6 mm · Diameter 42 mm

PORTOFINO CHRONOGRAPH

REFERENCE 3910

REF. IW391025
in 18-carat 5N gold with
silver-plated dial and
dark brown alligator leather strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Engraving of Portofino harbour on case back · Water-resistant 3 bar · Case height 13.6 mm · Diameter 42 mm

PORTOFINO CHRONOGRAPH

REFERENCE 3910

REF.IW391035
in 18-carat 5N gold with
blue dial and
black alligator leather strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Sapphire glass, convex, antireflective coating on both sides · Engraving of Portofino harbour on case back · Water-resistant 3 bar · Case height 13.6 mm · Diameter 42 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

Mechanical movement · Hand-wound · IWC-manufactured 59210 calibre (59000-calibre family) · 8-day power reserve when fully wound · Power reserve display · Date display · Small hacking seconds · Breguet spring · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 11.7 mm · Diameter 45 mm · Alligator leather strap by Santoni

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
Milanaise mesh bracelet in
stainless steel

Mechanical movement · Hand-wound · IWC-manufactured 59210 calibre (59000-calibre family) · 8-day power reserve when fully wound · Power reserve display · Date display · Small hacking seconds · Breguet spring · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 11.7 mm · Diameter 45 mm · Alligator leather strap by Santoni


IWC
SCHAFFHAUSEN
PORTOFINO
25
SWISS MADE

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

Mechanical movement · Hand-wound · IWC-manufactured 59210 calibre (59000-calibre family) · 8-day power reserve when fully wound · Power reserve display · Date display · Small hacking seconds · Breguet spring · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 11.7 mm · Diameter 45 mm · Alligator leather strap by Santoni


IWC
SCHAFFHAUSEN
PORTOFINO
25
DAYS
SWISS MADE

PORTOFINO HAND-WOUND MOON PHASE

REFERENCE 5164

REF. IW516401
in stainless steel with
silver-plated dial and
dark brown alligator leather strap

Mechanical movement · Hand-wound · IWC-manufactured 59800 calibre (59000-calibre family) · 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 · Case height 13.2 mm · Diameter 45 mm · Alligator leather strap by Santoni

PORTOFINO HAND-WOUND MOON PHASE

REFERENCE 5164

REF. IW516403
in 18-carat 5N gold with
slate-coloured dial and
dark brown alligator leather strap

Mechanical movement · Hand-wound · IWC-manufactured 59800 calibre (59000-calibre family) · 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 · Case height 13.2 mm · Diameter 45 mm · Alligator leather strap by Santoni

PORTOFINO HAND-WOUND TOURBILLON RÉTROGRADE

REFERENCE 5165

REF. IW516501
in 18-carat 5N gold with
silver-plated dial and
dark brown alligator leather strap

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

— SINCE 1969 —

DA VINCI

IWC presented its first Da Vinci wristwatch at the Basel Watch Show in 1969. But the most significant milestone in this watch family's history was the Da Vinci Perpetual Calendar of 1985. IWC's head designer at the time, Kurt Klaus, came up with the ingenious idea of developing a mechanical chronograph with a perpetual calendar, moon phase display and four-digit year display. For the user, it was simplicity itself: the complicated mechanism was adjusted using only the crown. With this perpetual calendar, IWC catapulted itself into the top league of Haute Horlogerie.

Today, following its relaunch in 2017, the Da Vinci is as elegant as ever. With a circular case like the one that so successfully established the Da Vinci Perpetual Calendar of 1985, strikingly attractive Arabic numerals and lancet-shaped hands, the current Da Vinci collection possesses all the family's well-known design cues. Another design highlight are moving lugs that offer ultimate comfort and also make the watches suitable for owners with relatively slim wrists.

The Da Vinci Perpetual Calendar Chronograph is the first IWC watch to combine a mechanical chronograph with a perpetual moon phase display on a subdial at "12 o'clock". The Da Vinci Tourbillon Rétrograde Chronograph skilfully combines a classic tourbillon and retrograde date with a chronograph. Engraved on the back of the models with a 36-millimetre diameter is a geometrical shape, the "Flower of Life". The 19 overlapping circles illustrate a wealth of geometrical and universal laws. Even Leonardo da Vinci took inspiration from the "Flower of Life" and studied its geometrical properties.


IWC
SCHAFFHAUSEN
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NOV
DEC
2019
SWISS MADE


IWC
SCHAFFHAUSEN
AUTOMATIC
25
SWISS MADE

DA VINCI AUTOMATIC 36

REFERENCE 4583

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

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

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 IW458307)

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 · Case height 9.9 mm · Diameter 36 mm · Alligator leather strap by Santoni

DA VINCI AUTOMATIC 36

REFERENCE 4583

REF. IW458309
in 18-carat 5N gold with
silver-plated dial and
dark brown alligator leather strap

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


IWC
SCHAFFHAUSEN
AUTOMATIC
25
SWISS MADE

DA VINCI AUTOMATIC 36

REFERENCE 4583

REF. IW458310
in 18-carat 5N gold with
silver-plated dial,
18-carat 5N gold bracelet and
54 diamonds, approx. 0.94 carat

REF. IW458315
in 18-carat 5N gold with
silver-plated dial,
18-carat 5N gold bracelet and
210 diamonds, approx. 2.42 carats

BACK VIEW
for both References

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 · Case height 9.9 mm · Diameter 36 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 IW459306)

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 · Case height 11.7 mm · Diameter 36 mm · Alligator leather strap by Santoni

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

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 · Case height 11.7 mm · Diameter 36 mm · Alligator leather strap by Santoni


IWC
SCHAFFHAUSEN
AUTOMATIC
SWISS MADE

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

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display ·
Central hacking seconds · Sapphire glass, convex, antireflective coating on both sides ·
Water-resistant 3 bar · Case height 10.2 mm · Diameter 40.4 mm · Alligator leather strap by Santoni

DA VINCI PERPETUAL CALENDAR CHRONOGRAPH

REFERENCE 3921

REF. IW392103
in stainless steel with
slate-coloured dial and
black alligator leather strap

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


IWC
SCHAFFHAUSEN
2019
SWISS MADE

DA VINCI PERPETUAL CALENDAR CHRONOGRAPH

REFERENCE 3921

REF. IW392101
in 18-carat 5N gold with
silver-plated dial and
dark brown alligator leather strap

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

DA VINCI PERPETUAL CALENDAR CHRONOGRAPH

REFERENCE 3921

REF. IW392104
in platinum with
silver-plated dial and
black alligator leather strap

Limited edition of 100 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89630 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Perpetual calendar with displays for the date, day, month, year in four digits and perpetual moon phase · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Rotor in 18-carat gold · Sapphire glass, arched edge, antireflective coating on both sides · See-through sapphire-glass back · Water-resistant 3 bar · Case height 15.7 mm · Diameter 43 mm · Alligator leather strap by Santoni

DA VINCI TOURBILLON RÉTROGRADE CHRONOGRAPH

REFERENCE 3931

REF. IW393101
in 18-carat 5N gold with
silver-plated dial and
dark brown alligator leather strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89900 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Retrograde date display · Flying hacking minute tourbillon at 6 o'clock · Pallet and escape wheel in Diamond Shell® · 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 · Case height 16.9 mm · Diameter 44 mm · Alligator leather strap by Santoni


IWC
SCHAFFHAUSEN

— SINCE 1955 —

INGENIEUR

The success story of the Ingenieur watch family began back in the 1950s. More and more technical devices were generating magnetic fields that could adversely affect the rate of mechanical watches. In answer to this, IWC developed a particularly effective form of protection against magnetic fields that is still found in the Ingenieur Chronograph Sport. The first Ingenieur, unveiled in 1955, was equipped with the first automatic movement with bidirectional winding, which was developed by Albert Pellaton, the Technical Director at the time. With its three hands, the minimalist design of the Reference 666 set a new benchmark.

The Ingenieur watch family's success story, which goes back over 60 years, continues to this day. The striking vintage character of the new models steers the Ingenieur into the golden age of classic motorsport, as the inspiration for the Ingenieur Automatic clearly stems from the first Ingenieur of 1955, Reference 666.

The Ingenieur Chronograph models are powered by the IWC-manufactured 69375 calibre, a member of the trailblazing 69000-calibre family. The column-wheel chronograph movement comprises more than 200 individual components. The balance oscillates at a frequency of 4 hertz and guarantees extremely high precision. The Ingenieur Chronograph's see-through back cover provides a view of the calibre. The Ingenieur Chronograph Sport features a sporty titanium case. But the flagship models are unmistakably the Ingenieur Perpetual Calendar Digital Date-Month. Its perpetual calendar automatically recognizes the different lengths of the months, including the leap day occurring every 4 years. It is extremely easy and convenient to adjust by means of the crown.


TACHYMETER
BASE 1000m
MONTH
DATE
LEAP YEAR
IWC

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

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

INGENIEUR AUTOMATIC

REFERENCE 3570

REF. IW357003
in 18-carat 5N gold with
slate-coloured dial and
black alligator leather strap

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

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

INGENIEUR CHRONOGRAPH

REFERENCE 3808

REF. IW380803
in 18-carat 5N gold with
slate-coloured dial and
black alligator leather strap

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

INGENIEUR CHRONOGRAPH SPORT

REFERENCE 3809

REF. IW380901
in titanium with
black dial and
black calfskin strap

Limited edition of 500 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89361 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with hours, minutes and seconds · Hour and minute counters combined in a totalizer at 12 o'clock · Flyback function · Small hacking seconds · Soft-iron inner case for protection against magnetic fields · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Water-resistant 12 bar · Case height 15.1 mm · Diameter 44.3 mm


CHAMPION
#IWCRACING
68
IWC

INGENIEUR PERPETUAL CALENDAR DIGITAL DATE-MONTH

REFERENCE 3818

REF. IW381802
in titanium with
slate-coloured dial and
black calfskin strap

Limited edition of 100 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89801 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Perpetual calendar · Large double-digit displays for both the date and month · 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 12 bar · Case height 17.4 mm · Diameter 45 mm

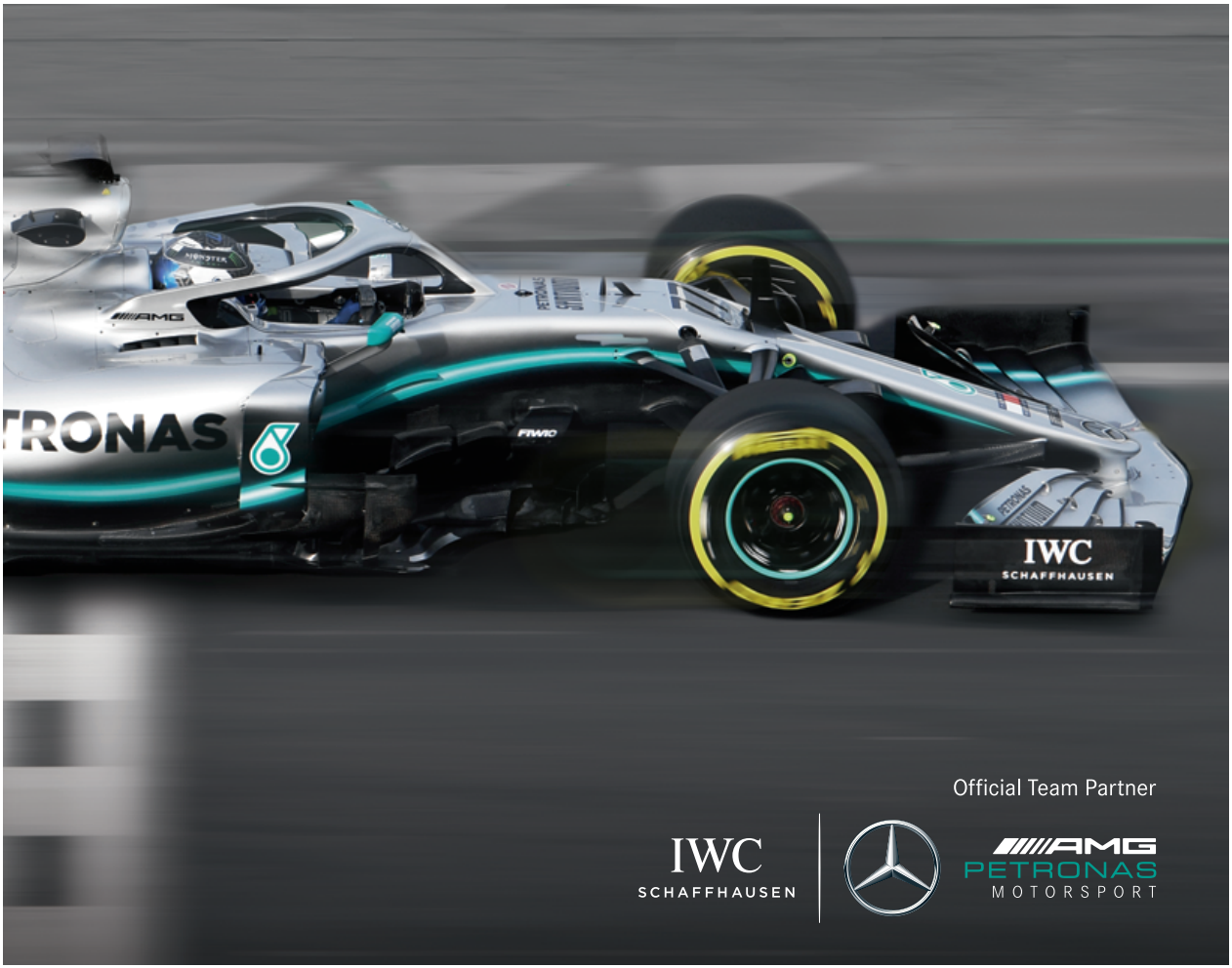
INGENIEUR PERPETUAL CALENDAR DIGITAL DATE-MONTH

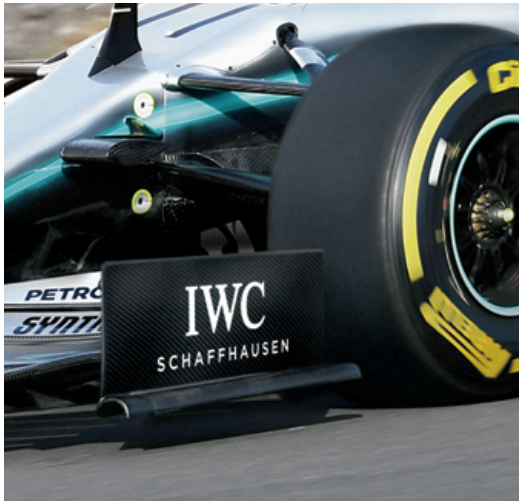
REFERENCE 3817

REF. IW381701
in 18-carat 5N gold with
silver-plated dial and
black alligator leather strap

Limited edition of 100 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89801 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Perpetual calendar · Large double-digit displays for both the date and month · 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 12 bar · Case height 17.4 mm · Diameter 45 mm

IWC SCHAFFHAUSEN AND THE WORLD OF 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, maximum 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. IWC actively supports the Goodwood Members' Meeting in the area of historic motorsport. With the IWC Racing Team, IWC is also the first watchmaking company to have its own motorsport team.

MOTORSPORT'S PREMIER DISCIPLINE

In motorsport's premier discipline, mere fractions of a second are the difference between victory and defeat, as the margins are extremely tight when the leading teams are scrapping it out 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


IWC
SCHAFFHAUSEN
AQUATIMER
60
30
60
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45
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25

— SINCE 1967 —

AQUATIMER

IWC Schaffhausen has had close connections with diving since the 1960s. In 1967, the sport's growing popularity prompted the company to launch the first Aquatimer. It was water-resistant to 20 bar and equipped with an internal rotating bezel that displayed dive time. In 1982, the first diver's watch in titanium – water-resistant to 200 bar with an external rotating bezel – created a sensation: the Ocean 2000. No watch before it had been pressure-resistant to these depths. It was in 1997 that IWC unveiled the GST sports watch line, which rapidly became a symbol of ruggedness combined with suitability for everyday wear. The inventive genius of IWC's engineers then led to the GST Deep One in 1999. This striking diver's watch in a titanium case was the first IWC watch to feature a mechanical depth gauge.

Technical achievements like these make the Aquatimer watches perfect companions on dry land as well as underwater. The external/internal rotating bezel, for instance, combines the advantages of an inner rotating bezel with the ease of use of an external bezel. The external rotating ring with IWC SafeDive® can be moved simply and precisely in steps of 1 minute, even when wearing diving gloves. But new materials have also regularly emerged in connection with the Aquatimer. The collection currently includes a chronograph in bronze, which over time develops a characteristic patina, and two chronographs in stainless steel with a vulcanized rubber coating.


IWC
SCHAFFHAUSEN
AQUATIMER
AUTOMATIC
SWISS MADE
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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

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 · Case height 14.2 mm · Diameter 42 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

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 · Case height 17 mm · Diameter 44 mm


45
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IWC
SCHAFFHAUSEN
MON 25

AQUATIMER AUTOMATIC EDITION
“EXPEDITION JACQUES-YVES COUSTEAU”

REFERENCE 3290

REF. IW329005
in stainless steel with
blue dial and
black rubber strap

Mechanical movement · Self-winding · 42-hour power reserve when fully wound · Date display · Central hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive® · 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 30 bar · IWC bracelet quick-change system · Case height 14.2 mm · Diameter 42 mm

AQUATIMER

AQUATIMER CHRONOGRAPH EDITION “EXPEDITION JACQUES-YVES COUSTEAU”

REFERENCE 3768

REF. IW376805
in stainless steel with
blue dial and
black rubber strap

Mechanical chronograph movement · Self-winding · 44-hour power reserve when fully wound · Date and day display · Stopwatch function with hours, minutes and seconds · Small hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive® · 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 30 bar · IWC bracelet quick-change system · Case height 17 mm · Diameter 44 mm

AQUATIMER CHRONOGRAPH EDITION "GALAPAGOS ISLANDS"

REFERENCE 3795

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

Mechanical chronograph movement · Self-winding · IWC-manufactured 89365 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive® · 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 30 bar · IWC bracelet quick-change system · Case height 16.9 mm · Diameter 44 mm

AQUATIMER CHRONOGRAPH EDITION “EXPEDITION CHARLES DARWIN”

REFERENCE 3795

REF. IW379503
in bronze with
black dial and
black rubber strap

Mechanical chronograph movement · Self-winding · IWC-manufactured 89365 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive® · 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 30 bar · IWC bracelet quick-change system · Case height 16.9 mm · Diameter 44 mm

LAUREUS

– SPORT FOR GOOD –

IWC has been supporting the invaluable work of Laureus Sport for Good across the globe since 2005. Laureus supports more than 100 projects that improve the lives of young people through sport. IWC Schaffhausen plays its part in these programmes by organizing an annual children's drawing competition. The subject of this year's competition, "Time to learn", once again encouraged many children and adolescents to submit entries.

From over 1,000 entries, the jury selected a drawing by 15-year-old Melan Anuradha created as part of a project from the Laureus-supported Foundation of Goodness, a Sri Lankan organization that promotes personal development and social integration through sport and education.

This year's IWC special edition for Laureus Sport for Good, the 13th special edition timepiece, is taken from the Aquatimer watch collection. The dial of the Aquatimer Chronograph Edition "Laureus Sport for Good" comes in the shade of blue that has become traditional for these special editions. On the back of the watch, which is available in a limited edition of 1,000 timepieces, is an engraving of the winning drawing. The 44-millimetre timepiece is powered by the 89365 calibre, which is housed in a rubber-coated stainless-steel case.

The blue rubber strap is extremely comfortable to wear and underscores the sporty appearance of the watch.

AQUATIMER CHRONOGRAPH EDITION “LAUREUS SPORT FOR GOOD”

REFERENCE 3795

REF. IW379507
in rubber-coated stainless steel with
blue dial and
blue rubber strap

Limited edition of 1,000 watches · Mechanical chronograph movement · Self-winding · IWC-manufactured 89365 calibre (89000-calibre family) · 68-hour power reserve when fully wound · Date display · Stopwatch function with minutes and seconds · Flyback function · Small hacking seconds · Mechanical external/internal rotating bezel with IWC SafeDive® · Luminescent elements on hands, dial and internal rotating bezel · Screw-in crown · Sapphire glass, convex, antireflective coating on both sides · Back engraving of the winning entry from the Laureus Sport for Good international children’s drawing competition · Water-resistant 30 bar · IWC bracelet quick-change system · Case height 16.9 mm · Diameter 44 mm

— SINCE 1868 —

MANUFACTURE

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

In western Switzerland, his concept for the industrialized production of mechanical watches fell on deaf ears. Schaffhausen, however, welcomed the visionary watchmaker with open arms. Jones founded the International Watch Company in the small town in north-eastern Switzerland and used water power from the Rhine to drive his machines.

Since then, IWC has manufactured high-quality timepieces that unite precision engineering with timeless design. Technically elegant and functional solutions like the perpetual calendar symbolize the innovative talent of Schaffhausen's engineers. Since the 1980s, the company has also acquired enormous expertise in the processing of case materials such as titanium or ceramic.

In its new manufacturing centre, IWC remains true to the engineering approach established by its founder and continues to blend the traditional art of watchmaking with state-of-the-art production methods and technologies. During the manufacture of movement parts and cases, machines of the very latest generation guarantee maximum quality and precision. By contrast, the assembly of IWC-manufactured 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.

The new production centre is a milestone in the company's 150-year history

BEFORE A WATCH FROM IWC TICKS FOR THE FIRST TIME

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

The building enables visitors from all over the world to experience watch production at close range

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

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

In its new production centre, the production of parts, IWC-manufactured movements and cases are brought together under one roof

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

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

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

In case manufacturing and assembly, case parts are produced from pre-shaped blanks or machined on CNC lathes and milling machines to an accuracy of 100th of a millimetre. Milling machines are used to cut the horns for the strap or bracelet and the apertures for the crown and push-buttons into the casing rings and to create complex cases. Finally, manual precision finishing brings the surfaces up to IWC’s high standards.

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

In the watch assembly department, all models are finished by hand: specialists position the dials and hands on top of the finished and adjusted movement or pivot, respectively. The movement is then secured to a casing ring or directly in the case and, finally, the winding stems are adjusted.

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


IWC
SCHAFFHAUSEN

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

A WIDE RANGE OF IWC-MANUFACTURED CALIBRES

The company's excellent reputation was established right from the start with the very first Jones calibre named after the founder of IWC. Among other things, it featured a compensating balance, a Breguet spring and an elongated index to facilitate precision adjustment of the watch's rate. Towards the end of the 19th century, IWC used its 64-calibre ladies' pocket watch movement in its first wristwatches. The first movements designed specially for wristwatches – calibres 75 and 76 – followed in 1915. In 1939, the 74-calibre men's pocket watch was used in the first Portugieser wristwatches, which explains the unusually large size of the watch family to this day. From 1940 onwards, it was a pocket watch movement that determined the size of the Big Pilot's Watch Calibre 52 T.S.C. In 1946, the 89 calibre, the first design to come from Albert Pellaton, IWC's Technical Director at the time, made a deep impression with its exceptionally precise rate. This was also the movement found in the legendary Pilot's Watch Mark 11 from 1948 onwards. Pellaton's masterpiece – IWC's first automatic movement featuring the winding system that still bears his name – appeared in 1950. It has been further developed and perfected over the years and features in many of the models in the latest collection. The Da Vinci, Reference 3750, was launched in 1985. Its perpetual calendar was mechanically programmed for the next 500 years. Theoretically, the watch will only need to be corrected by 1 day on three occasions in all this time. To achieve this, the calendar module developed by Kurt Klaus was superimposed on an existing chronograph movement. In the early 1990s, the engineers from Schaffhausen provided eloquent proof that they had mastered the full range of fine watchmaking skills to perfection.

The first Grande Complication wristwatch, Reference 3770, featuring the automatic 79091-calibre movement made its debut in 1990. This masterpiece, comprising 659 mechanical parts, appeared in its further improved form as Il Destriero Scafusia, Reference 1868, on the occasion of the company's 125th anniversary in 1993. In 2000, following 6 years of development, the IWC-manufactured 5000 calibre heralded IWC's return as a manufacturer of top-quality watch movements. The large calibre, with its 7-day movement and automatic Pellaton winding system, formed the basis of the 50000-calibre family, which is used today mainly to power the Portugieser and Pilot's Watches families. In 2005, the Ingenieur Automatic, fitted with the 80110 calibre, heralded the new and unusually rugged 80000-calibre family. At the very same time, IWC Schaffhausen was working on its IWC-manufactured 89360 calibre, which was first used in the Da Vinci Chronograph in 2007. From 2009 on, an enhanced version, the 89800 calibre, became the driving force behind the first digital display of the day and month in large numerals. The 59000-calibre family, which is found in the Portofino Hand-Wound Eight Days, appeared in 2011. That same year, the new hand-wound 94000-calibre family with a constant-force tourbillon, marked yet another highlight in the fine art of watchmaking. The 94900 calibre is the powerhouse in the Portugieser Sidérale Scafusia. IWC launched the 52000-calibre family in 2015, and a year later the 69000 chronograph calibre made its debut. The company is using the first member of the new 32000-calibre family in 2019. Once again, this automatic movement is a winning combination of quality, ruggedness and reliability.

THE NEW CALIBRE FAMILY 32000

32000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency[a]	Jewels	Winding[b]	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

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

50000-CALIBRE FAMILY

52000-CALIBRE FAMILY

50000-CALIBRE FAMILY

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

52000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency[a]	Jewels	Winding[b]	Power reserve	Date	Special features	References
52010	7.5 mm	37.8 mm	28,800 A/h / 4 Hz	31	S	7 days	X		5007
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, 5036
52850	9.0 mm	37.8 mm	28,800 A/h / 4 Hz	36	S	7 days	X	Annual calendar	5027, 5035

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

59000-CALIBRE FAMILY

69000-CALIBRE FAMILY

59000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency[a]	Jewels	Winding[b]	Power reserve	Date	Special features	References
59210	5.8 mm	37.8 mm	28,800 A/h / 4 Hz	30	H	8 days	X		5101
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[a]	Jewels	Winding[b]	Power reserve	Date	Special features	References
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

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

82000-CALIBRE FAMILY

89000-CALIBRE FAMILY

82000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency[a]	Jewels	Winding[b]	Power reserve	Date	Special features	References
82710	7.1 mm	30 mm	28,800 A/h / 4 Hz	22	S	60 h	X	UTC display	3271
82760	8.0 mm	30 mm	28,800 A/h / 4 Hz	22	S	60 h	X	Time zone function	3955

89000-CALIBRE FAMILY

Calibre	Height	Diameter, basic movement	Frequency[a]	Jewels	Winding[b]	Power reserve	Date	Special features	References
89361	7.5 mm	30 mm	28,800 A/h / 4 Hz	38	S	68 h	X	Chronograph, flyback function	3809, 3903, 3905
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	3817, 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

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

IWC MATERIALS: INNOVATIVE CASE TRADITION

CASE MATERIALS

Only the very finest materials are used in IWC watch cases. Each of these materials has its own specific properties and offers certain advantages. Of all these, platinum – a discreet, rare and heavy metal with a fineness of 95 per cent – is the purest. Timeless and of lasting value, gold is the embodiment of luxury and elegance. For its gold cases, IWC uses 18-carat gold, containing 75 per cent of the pure metal. Since pure gold would be too soft for use in a watch case, it is alloyed with other metals, which also gives it the desired colour: palladium for white gold, or silver and copper for 5N gold. Stainless steel is non-rusting and can be worked with easily. Titanium is light and unbreakable, while ceramic does not wear and is scratch-resistant.

During the sintering process in the oven, the case components take on the striking matte black colour that characterizes Ceratanium®

In the course of its history, IWC Schaffhausen has always assumed a pioneering role in the development and processing of new materials. Cases made of titanium first appeared as early as the 1980s. IWC also pioneered the use of ceramic for the watch industry and, in 1986, released the first Da Vinci in a coloured zirconium oxide case. No other group of materials is able to withstand such high temperatures or such mechanical and chemical extremes. And in 2013, IWC first used titanium aluminide (TiAl) as a case material. This alloy of titanium and aluminium is lighter and tougher than pure titanium and has a darker surface colour.

That same year saw the introduction of carbon, a high-tech material widely used in motorsport that is not only extremely light but also very robust. In 2014, IWC unveiled its first case made of bronze. Over the course of time and depending on use, bronze develops a patina and darkens in colour, giving the timepiece a very special and individual charm. In 2014, IWC also introduced yet another new material: silicon nitride ceramic. At only half the weight of zirconium oxide and even lighter than titanium, it boasts impact resistance comparable to these two materials.

Testing the resistance of a hermetically sealed watch case under different water pressure levels

The watchmaking company from eastern Switzerland is now preserving its tradition of materials development with Ceratanium® (ceramized titanium). The latter is a newly developed process that combines the advantages of titanium and ceramic in a material that coats the surface. Based on a titanium alloy, it is as light, tough and skin-friendly as titanium, but close to the surface it is as hard and scratch-resistant as ceramic. The special manufacturing process gives the metal a black, ceramic-like surface. The material also scores extremely well for its high corrosion-resistance.

WATER-RESISTANCE

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

PROTECTION AGAINST MAGNETIC FIELDS

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

GLASS

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

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

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

An IWC watch is a masterpiece of engineering expertise and precision mechanics. It is finished, assembled, adjusted and timed by hand at IWC's workshops in Schaffhausen using all the skill and finesse of traditional watchmaking. Only when this complex manual process is completed does the intricate mechanism comprising hundreds of 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 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 care and attention. IWC's team of watchmakers are among the best of their métier worldwide. With know-how, painstaking precision and passion, the company's watchmakers – all of whom have undergone many years of training – carry out service and maintenance work on the iconic timepieces that are made in Schaffhausen. Their devotion and attention to detail guarantee the best possible service.

IWC's watchmakers not only have precision tools and technology to assist them, but they can also draw on many years of experience and expertise in the demanding field of Haute Horlogerie. With a practised eye, a steady hand and infinite patience, they devote all their energy to the complicated mechanical watches made by the House of IWC.

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

The movement is manually dismantled into its individual components

SUSTAINABILITY AT IWC SCHAFFHAUSEN

The principle of sustainability is one of IWC's top priorities. In 2018, IWC set an industry benchmark by publishing a sustainability report in accordance with GRI (Global Reporting Initiative) guidelines, aligning our corporate responsibility efforts to the UN Sustainable Development Goals and committing to defined targets to be reached by 2020. Our aim is to manufacture high-quality products that make optimum use of resources and respect social concerns. For IWC, acting responsibly means acting considerately, sustainably and with foresight. And it is expressed in our attitude towards employees, society, the environment and the procurement of materials.

IWC IS PART OF A STRONG COMMUNITY

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

Since 2005, IWC has been a Global Partner of **Laureus Sport for Good**. The foundation pursues a vision of "using the power of sport to end violence, discrimination and disadvantage, proving that sport can change the world". Laureus supports more than 100 sports-based community programmes in over 40 countries to combat social challenges facing children and young people, such as violence and crime, discrimination, lack of education, unemployment and preventable diseases.

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

Sean Fitzpatrick, Chairman of the Laureus World Sports Academy

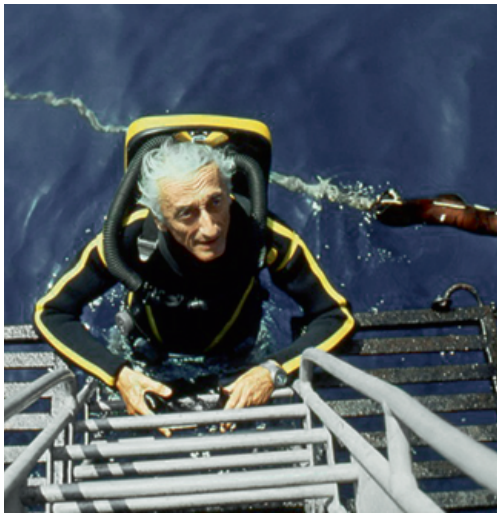
IWC SUPPORTS ECOLOGICAL AND SOCIAL PROJECTS WORLDWIDE

The **Cousteau Society**, founded in 1973, continues the scientific work of the famous marine researcher Jacques-Yves Cousteau and is committed to the protection of marine life. IWC has been working together with the foundation since 2004.

IWC AND SYSTEMATIC ENVIRONMENTAL PROTECTION

Thanks to rigorous environmental management, IWC has taken an exemplary role in environmental protection. The company covers its entire energy needs at headquarters using “green” hydroelectric power and has been CO_2-neutral since 2007. IWC compensates for emissions that cannot be eliminated entirely by making voluntary payments into a wide range of environmental projects.

Antoine de Saint-Exupéry Youth Foundation



Cousteau Society

EVERY COMPANY HAS BOTH A SOCIAL AND AN ECOLOGICAL RESPONSIBILITY

IWC's contribution to environmental protection is based on the state-of-the-art, ecological design of its premises. The photovoltaic systems in use at the new manufacturing centre in Merishausertal and at headquarters in Schaffhausen generate almost 300 megawatt hours annually. At the same time, IWC makes every effort to reduce its energy consumption: examples include LED lighting throughout and optimally insulated glass facades. A sophisticated ventilation system likewise helps to reduce the company's energy consumption. Thanks to extensive green roofing at the new manufacturing and technology centre, part of the rainwater can be stored and used for watering purposes. In addition, IWC uses only FSC-certified paper – as sparingly as possible.

Another aspect of sustainability is sensitizing employees to the importance of environmental topics. For this reason, IWC employees receive subsidized season tickets for public transport or a financial contribution towards the purchase of a low-emission vehicle. Employees are also encouraged to think and act sustainably – not only in their working lives but also privately.

IWC IS COMMITTED TO SUSTAINABLE SOURCING

When sourcing raw materials, IWC strives to obtain the highest possible quality. Equally important is the adherence to social and ecological standards. This applies to both IWC and its suppliers, who are required to meet the same environmental and social standards. IWC is an officially certified member of the Responsible Jewellery Council (RJC), an international non-profit organization. Accredited members are obliged to establish strict guidelines all the way down the value chain in terms of ethical, social and environmental practices, and to guarantee the upholding of human rights.

Another example of responsible behaviour towards natural resources is the protection of animals living in the wild. Right from the outset, IWC has renounced the use of leather from reptiles that are either threatened species or living in the wild, and complies with the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES).

IMAGES

Burki & Scherer AG, Oftringen · 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 · Mercedes-AMG Petronas Motorsport, Brackley · Anthony Tâche, Lausanne · Romain Hugault, France · Le Truc, Geneva · Goodwood Road Racing Company Limited, Goodwood

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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.

IWC Schaffhausen, Baumgartenstrasse 15, CH-8201 Schaffhausen, Switzerland, tel. +41 (0)52 235 75 65, fax +41 (0)52 235 75 01, info@iwc.com, www.iwc.com

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 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 an overlay diamond coating based on the Chemical Vapour Deposition (CVD) procedure applied on mechanical watch movement parts. 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.

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PLEASE VISIT US AT
WWW.IWC.COM