
HAUTE HORLOGERIE COMPLICATIONS ENHANCE THE PORTUGIESEER FAMILY

Schaffhausen, 25 April 2020 – IWC Schaffhausen presents two Portugieser models featuring Haute Horlogerie complications. The Portugieser Tourbillon Rétrograde Chronograph combines a tourbillon with a retrograde date display and chronograph, while the Portugieser Perpetual Calendar Tourbillon boasts a tourbillon and a perpetual calendar.

The tourbillon is one of watchmaking's most fascinating achievements. Effectively, it involves the balance rotating around its axis in a cage. This not only provides a visual spectacle on the dial: the constant rotation also reduces the influence of gravity on the oscillating system and increases the watch's accuracy.

The **Portugieser Tourbillon Rétrograde Chronograph** (Ref. 3940) combines a flying minute tourbillon at 6 o'clock with a retrograde date display at 9 o'clock and a flyback chronograph. The model is available in two versions, both limited to 50 watches. One is housed in an 18-carat Armor Gold® case with a blue dial featuring the maritime-inspired design cues of the Boutique Editions. Thanks to its improved microstructure, this innovative new material has considerably higher hardness values than traditional 5N gold alloys. A second version is available in platinum.

Ref. IW394005 Boutique Edition:

18-carat Armor Gold® case, blue dial, gold-plated hands, 18-carat gold appliques, blue alligator leather strap by Santoni.



Ref. IW394006:

Platinum case, silver-plated dial, rhodium-plated hands and appliques, blue alligator leather strap by Santoni.



The IWC-manufactured 89900 calibre is self-winding and builds up a power reserve of 68 hours. The chronograph displays stopped hours and minutes in a single totaliser at 12 o'clock. Thanks to its hacking tourbillon, the watch can be stopped completely, allowing the time to be set with down-to-the-second accuracy. The pallet lever and escape wheel are treated with Diamond Shell® technology, giving it an extremely hard surface that reduces friction and improves the flow of energy in the movement.

The **Portugieser Perpetual Calendar Tourbillon** (Ref. 5045) brings together the two complications that give the watch its name. Two References are available, both limited to 50 each. One will be available as a Boutique Edition with an 18-carat Armor Gold® case, while the second will be available in platinum.

Ref. IW504504 Boutique Edition:

18-carat Armor Gold® case, blue dial, gold-plated hands, 18-carat gold appliques, blue alligator leather strap by Santoni.



Ref. IW504505:

Platinum case, silver-plated dial, rhodium-plated hands and appliques, blue alligator leather strap by Santoni.



The IWC-manufactured 51950 calibre combines a perpetual calendar with a tourbillon that has 82 individual parts and weighs only 0.635 grams. To make it visible at 12 o'clock, the calendar module's advance ring was opened, and the moon phase integrated into the month display at 6 o'clock. With its 18-carat gold rotor, the automatic winding system builds up a large, seven-day power reserve. The perpetual calendar's mechanical programme automatically recognises the different lengths of the months and adds an extra day at the end of February every four years. The moon phase display is so precise that it will need adjusting by one day after 577.5 years.

PORTUGIESER TOURBILLON RÉTROGRADE CHRONOGRAPH

REF. IW3940

FEATURES

Mechanical chronograph movement – flying hacking minute tourbillon at 6 o'clock – retrograde date display – stopwatch function with hours, minutes and seconds – hour and minute counter combined in a totaliser at 12 o'clock – flyback function – 18-carat gold oscillating weight – limited to 50 watches

MOVEMENT

| | |
|-------------------------|-----------------|
| IWC manufacture calibre | 89900 |
| Frequency | 28,800 vph/4 Hz |
| Jewels | 42 |
| Power reserve | 68 h |
| Winding | Automatic |

WATCH

| | |
|-----------------|---|
| Materials | Ref. IW394005: 18-carat Armor Gold® case, blue dial, gold-plated hands, 18-carat gold appliques, 18-carat gold oscillating weight, blue alligator leather strap by Santoni Ref. IW394006: Platinum case, silver-plated dial, rhodium-plated hands and appliques, 18-carat gold oscillating weight, blue alligator leather strap by Santoni |
| Glass | Sapphire, arched edge, antireflective coating on both sides |
| Water-resistant | 3 bar |
| Diameter | 43.5 mm |
| Height | 16 mm |

PORTUGIESE PERPETUAL CALENDAR TOURBILLON

REF. IW5045

FEATURES

Mechanical movement – perpetual calendar with displays for the day, date, month, year in four digits and perpetual moon phase – flying minute tourbillon at 12 o'clock – power reserve display – 18-carat gold oscillating weight – see-through sapphire glass back – limited to 50 watches

MOVEMENT

| | |
|-------------------------|--------------------|
| IWC manufacture calibre | 51950 |
| Frequency | 19,800 vph/2.75 Hz |
| Jewels | 54 |
| Power reserve | 7 days (168 h) |
| Winding | Automatic |

WATCH

| | |
|-----------------|---|
| Materials | Ref. IW504504: 18-carat Armor Gold® case, blue dial, gold-plated hands, 18-carat gold appliques, 18-carat gold oscillating weight, blue alligator leather strap by Santoni Ref. IW504505: Platinum case, silver-plated dial, rhodium-plated hands and appliques, 18-carat gold oscillating weight, blue alligator leather strap by Santoni |
| Glass | Sapphire, arched edge, antireflective coating on both sides |
| Water-resistant | 3 bar |
| Diameter | 45 mm |
| Height | 15.3 mm |

IWC SCHAFFHAUSEN

In 1868, the American watchmaker and entrepreneur Florentine Ariosto Jones travelled from Boston to Switzerland and founded the 'International Watch Company' in Schaffhausen. His visionary dream was to combine advanced American manufacturing methods with the craftsmanship of Swiss watchmakers to make the best pocket watches of his time. In doing so, he not only laid the foundation for IWC's unique engineering approach but also established the centralised production of mechanical watches in Switzerland.

Over its 150 year history, IWC Schaffhausen has developed a reputation for creating functional complications, especially chronographs and calendars, which are ingenious, robust, and easy for customers to use. A pioneer in the use of titanium and ceramics, IWC today specialises in highly engineered technical watch cases manufactured from advanced materials, such as titanium-aluminide and Ceratanium®. Preferring the principle of "form follows function" over decoration, the Swiss watch manufacturer's timeless creations embody their owners' dreams and ambitions as they journey through life.

IWC sources materials responsibly and takes action to minimise its impact on the environment, creating intrinsically sustainable timepieces that are built to last for generations. The company prides itself in training its own future watchmakers and engineers, as well as offering an excellent working environment for all employees. IWC also partners with organisations that work globally to support children and young people.

DOWNLOADS

Photos of the Portugieser Tourbillon Rétrograde Chronograph and the Portugieser Perpetual Calendar Tourbillon are available at press.iwc.com

FURTHER INFORMATION

IWC Schaffhausen

Public Relations department

Email press-iwc@iwc.com

Website press.iwc.com

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