IWC
SCHAFFHAUSEN

THE IWC SCHAFFHAUSEN INGENIEUR TOURBILLON 41 IN 18-CARAT 5N GOLD WITH A FLYING MINUTE TOURBILLON

Schaffhausen/Geneva, 14th April, 2026: IWC Schaffhausen introduces the Ingenieur Tourbillon 41 at Watches and Wonders in Geneva. The new flagship Ingenieur model pairs a case and bracelet crafted from 18-carat 5N gold with an olive green "Grid" dial. The highlight is the flying minute tourbillon at 6 o'clock, which rotates around its axis once every minute. This elegant and refined luxury sports watch is further distinguished by its highly detailed finishing, including techniques such as satin finishing and polishing. The IWC-manufactured 82905 calibre, featuring a Pellaton winding system with ceramic components, is visible through the sapphire glass case back.

With the new Ingenieur, IWC Schaffhausen revisits the bold and visionary design created by Gérald Genta in the 1970s, pairing it with enhanced ergonomics and a highly detailed finishing. Since the launch of the Ingenieur Automatic 40 in 2023, the Swiss luxury watch manufacturer has continuously extended the collection with new sizes, materials and complications such as the emblematic crown-controlled perpetual calendar from Kurt Klaus. IWC now introduces an exclusive new model featuring the undisputed "queen of complications" in fine watchmaking, the tourbillon.

Limited to 100 pieces, the **Ingenieur Tourbillon 41** (Ref. IW345901) features a 41.6 millimetres case and an integrated bracelet crafted from 18-carat 5N gold. The characteristic bezel, crown protection and crown are also made of this precious metal. Securing the bezel to the case back ring, the five functional screws are made of 18-carat Armor Gold®, a material with significantly higher hardness values than conventional gold alloys. Featuring the characteristic "Grid" pattern, the structured dial is a hallmark feature of the Ingenieur and adds a stunning level of texture and depth. Its dark olive green hue beautifully contrasts the gold. The hands are gold-plated, and the appliques, which are individually set by hand, are made of solid gold. As it combines various techniques, the Ingenieur Tourbillon 41 also boasts a high level of detail in its finishing. The case, bezel and bracelet links are satin-finished and feature polished edges. Gold brings out the intricate lines and angles of the Ingenieur particularly well, underscoring the sculptural beauty of the Gérald Genta-inspired design.

STATE-OF-THE-ART TOURBILLON AT 6 O'CLOCK

The tourbillon places the balance wheel and the escapement inside a small cage that rotates around its axis once every minute. This continuous rotation counteracts the effects of gravity on the oscillating system, contributing to a highly accurate rate. The flying minute tourbillon of the Ingenieur Tourbillon 41 is placed at the 6 o'clock position and suspended from gold-coated bridges, providing a stunning visual spectacle. Consisting of 56 individual parts, the delicate mechanism weighs just 0.635 grams. Due to the high number and minuscule size of its components, the tourbillon ranks among the most complex complications for a watchmaker to assemble. Thanks to the integrated tourbillon stop, the mechanism can be brought to a complete halt, allowing the watch to be set with down-to-the-second accuracy. The pallet lever and the escape wheel are treated with Diamond Shell® technology, an innovative coating that reduces friction and enhances the flow of energy in the movement.

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HIGH-END MOVEMENT WITH PELLATON WINDING

The Ingenieur Tourbillon 41 is powered by the IWC-manufactured 82905 calibre. Its highly efficient Pellaton winding system utilises the rotor's movements in both directions to reliably build up a power reserve of 80 hours in the mainspring. Components of the winding system that are subject to high stress are manufactured from virtually wear-free zirconium oxide ceramic. Among these are the automatic wheel and the clicks, which are crafted from black ceramic, while the rotor bearing is made of white ceramic. The movement also features a high level of detail in the finishing. As an example, the automatic bridge and the rotor are both gold-plated and decorated with Geneva stripes. The oscillating mass features an integrated "Probus Scafusia" medallion, crafted from solid gold and symbolising IWC's commitment to craftsmanship and quality.

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INGENIEUR TOURBILLON 41

REF. IW345901

FEATURES

Mechanical movement – Pellaton automatic winding system – Flying hacking minute tourbillon at 6 o'clock – Screw-in crown – See-through sapphire glass case back – Limited to 100 pieces

MOVEMENT

IWC-manufactured calibre	82905
Frequency	28,800 vph / 4 Hz
Jewels	25
Power reserve	80 h
Winding	Automatic

WATCH

Materials	18 carat 5N gold case, olive green dial, gold-plated hands, 18 carat 5N gold appliques, integrated 18 carat 5N gold bracelet with butterfly folding clasp
Glass	Sapphire, convex, antireflective coating on both sides
Water-resistant	10 bar
Diameter	41.6 mm
Height	12.1 mm

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IWC Schaffhausen is the Engineer of Watchmaking. In 1868, the American watchmaker and engineer Florentine Ariosto Jones established the 'International Watch Company' in Schaffhausen in the German-speaking part of Switzerland. By combining the best of human craftsmanship and creativity with cutting-edge industrial technology and processes, he laid the foundation for IWC's unique engineering approach to watchmaking.

IWC's distinctive and pure design is brought to life through collections ranging from elegant dress watches to sports and luxury sports watches, notably the Portugieser, Portofino, Pilot's Watches and Ingenieur. Over its more than 150-year history, IWC has earned a reputation for creating professional instrument watches and functional complications, especially chronographs and calendars, which are ingenious, robust and easy to use.

A pioneer in the use of titanium and ceramic, IWC specialises in performance materials such as Ceratanium®. IWC's advanced engineering division XPL develops technologies that enhance the durability of mechanical watches and extend their applications to environments with extreme conditions such as jet aviation and human spaceflight.

IWC is a leader in luxury watchmaking, crafting timepieces built to last for generations and continuously improving every aspect of how it manufactures, distributes and services its watches responsibly. Empowering the next generation of engineers, the brand also partners with organisations that work globally to support children and young people. **IWC. Engineered™.**

DOWNLOADS

Images of the Ingenieur Tourbillon 41 in 18 carat 5N gold can be downloaded from press.iwc.com

FURTHER INFORMATION

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