

Romain Gauthier

THE EVOLUTION OF TRADITION

**C by Romain Gauthier
Carbonium Edition**

A fusion of technical sophistication, lightness, and robustness, the C by Romain Gauthier is taken into an even more technical and sporty dimension by using Carbonium®. As with the Insight Micro-Rotor Squelette, the case, crown, and buckle in Carbonium® further lighten this characterful timepiece, housing a Grade 5 titanium movement.

Unveiled in 2021, the C by Romain Gauthier caliber is the result of more than 16 years of know-how acquired through the brand's development and its manufacture, while reflecting Romain's creative freedom with a modern and youthful design.

Technical in nature, casual in style and free in spirit, the Freedom collection has enabled the creation of this contemporary caliber. The significance of C by Romain Gauthier lies in its creative approach to reinforce the notions of continuity with its concept and design, in reference to the Continuum. Reflecting a vision of the future for a timepiece which is part of Romain Gauthier's philosophy, and which opens the door to new horizons.

During its creation, it was clear to Romain that the case had to harmonize with the movement. It had to be contemporary and uncluttered. But not only that – comfort, ergonomics and the choice of materials also contributed to the design of this timepiece with the decision to use Grade 5 titanium. The dial, in sapphire for this edition, adds to the consistency of the piece and evokes a sense of continuity, as no circle completes the time indication.

With the Carbonium® Edition, the technical dimension of the C by Romain Gauthier reaches a new level of sophistication. Crafted from Carbonium®, a cutting-edge carbon composite sourced from aerospace-grade fibres that is light, mechanically resistant and catches the eye with its dynamic veining.

Beyond its visual allure, the Carbonium® enhances the technical personality of the C by Romain Gauthier. The rigid, fiber-rich nature of Carbonium® gives it a strength-to-weight ratio, making the watch remarkably light yet incredibly robust.

Inside, the in-house manual-winding movement retains all the hallmarks of Romain Gauthier's haute horlogerie craftsmanship—meticulous hand-finishing, precision engineering, and intelligent architecture—while embracing a bold, forward-looking aesthetic. The result is a watch that bridges the traditional and the technical, the artisanal and the avant-garde, reaffirming Romain Gauthier's commitment to innovation without compromise.

The C by Romain Gauthier Carbonium® Edition is a customisable "Manufacture Only" edition available exclusively via Manufacture Romain Gauthier.

C BY ROMAIN GAUTHIER CARBONIUM® EDITION IN DETAILS

A high-tech, high-performance material: Carbonium®

Carbonium® is a high-tech, high-performance, carbon fibre composite invented and produced by French company Lavoisier Composites. It is made by employing a special compression-moulding process to 'upcycle' the epoxy resin and carbon fibres found in prepreg tapes sourced from the aerospace industry – fibres once earmarked to form part of an airliner wing, fin or fuselage.

To make each of the Carbonium® elements for this timepiece, Lavoisier Composites creates Carbonium® blocks which are then finely shaped on a 5-axis machining centre before being matte-finished for a slightly silky surface appearance. In accordance with Romain's wishes, Lavoisier chose a long fibre length of 50mm, in their eyes the sweet spot between mouldability, aesthetics and mechanical properties.

Indeed, the carbon fibre in Carbonium® is three times more rigid than titanium, yet twice as light. his new iteration of the C by Romain Gauthier weighs only 43 grams, including the bracelet and buckle. It is fair to say this Carbonium® edition feels like a feather on the wrist.

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A partially openwork dial

This new iteration of the C by Romain Gauthier features a black and chrome metallic sapphire dial that reproduces the structure of Carbonium® through pixelation.

The partially openworked dial reveals part of the titanium movement, allowing the wearer to admire the delicate hand-finished details even when the watch is being worn.

It reveals the intricate components of the movement, showcasing the brand's sophisticated watchmaking engineering and artisanal craftsmanship. This openwork design creates a captivating interplay between transparency and structure, transforming the watch into a true technical and aesthetic masterpiece.

The seconds wheel is the main feature of this opening. In addition to its mechanical aspect, this wheel is an aesthetic symbol unique to the brand. Its shape and openings are typical of Romain Gauthier wheels - the decorative circling and polished angles attest the care devoted to the finishing of each component.

The partial opening of the dial also reveals the escapement assembly with the escapement wheel, balance and pallet fork. A decorative bridge on the lower part of the dial has been added featuring a Carbonium® insert, reinforcing the DNA of this assertive timepiece.

By opening the dial at the front and leaving the movement visible at the back, Romain Gauthier highlights the heart of this caliber. Thanks to the decoration of each component, this timepiece takes on a new visual dimension - contrast and play of light bring this Grade 5 titanium movement to life.

The dial of the C by Romain Gauthier, a symbol of modernity and continuity both in terms of architecture and design, features an off-center hour-minute hands and slightly tapered hour markers of varying lengths. The 5-second intervals of the small seconds at 7 o'clock are also marked by tapering lines of differing lengths.

Romain explains this purposeful play on perspective, saying: *"Rather than a series of enclosed circles, as we often see in watchmaking, I wanted an open, airy dial on which full or part orthogonal lines form vanishing points with the axes of the hands, reinforcing the notion of continuity."*

The dial plate is made from sapphire, and the Carbonium® pattern has been reproduced to harmonize this piece and reinforce its DNA.

The hands are made from Grade 5 titanium and filled with Super-LumiNova for enhanced legibility. The numerals and applied hour markers made entirely of Super-Luminova, improving visibility and reinforcing the modern feel of this timepiece.

The indices and numerals are available in several colors, including white, green, blue, yellow, and orange, and can be developed in other colors upon special request. The RG logo inside the crown and on the pin buckle matches the colors of the indices and numerals, the straps can also be color-coordinated.

Eye-catching Carbonium® case

The Carbonium® bezel is first machined into a round shape featuring a circular bevel before six straight sides are cut into it to create 6 facets. These matte and satin finishes absorb light and add character to this timepiece. The same faceted design is replicated around the sapphire crystal on the back of the watch.

In between the bezel and caseback, the one-piece caseband and lugs are geometrically sculpted, with satin finishes as well as aesthetic grooves cleverly deployed to draw out the resulting shapes.

As with the other editions of C by Romain Gauthier, the winding and time setting crown has been placed at 2 o'clock, freeing up space for the wrist movement. The fluted crown also allows an easy handling and provides an additional eye-catching aesthetic element to the case.

Clever stop-seconds mechanism that uses a snail cam

Romain has endowed C by Romain Gauthier with a stop-seconds mechanism, allowing the wearer to set the time exactly according to a reference time.

Like many stop-seconds mechanisms, a brake is placed on C by Romain Gauthier's balance wheel when the crown is pulled out. But instead of using a straight or L-shaped lever to halt the balance, Romain has opted to employ a

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snail cam that performs a double function: It touches and stops the balance wheel when the crown is pulled out and, when the crown is pushed back in, the snail cam makes a turn, with its increasingly wide form giving the balance an impulse to help it start beating again.

Those familiar with the brand will know Romain has used the snail cam's unique shape in his past creations: It appears on the watchmaker's acclaimed Logical One.

In-house movement where design and decoration meet modernity

The themes of modernity and continuity carry over to the manual-winding, in-house movement, which is proudly on show through the display back.

Taking centre stage are the finger bridges – historically typical of the Vallée de Joux, Romain's birthplace – but reinterpreted here in a contemporary way. For starters, these bridges are horizontally configured and feature a 'stepped' shape – previously seen on some of Logical One's bridges – that not only provides volume and depth, but also gives the sense that the bridges are literally flowing over the gears and balance wheel, with no clear end to them.

The outer edges of each bridge all feature a double bevel, while the flat bridge surfaces and rubies are each framed by a raised border that has been straight-grained. Within these borders, Carbonium® inserts have been placed, reinforcing the character of the piece on the back of the movement and harmonizing the timepiece as a whole.

The impressive decoration doesn't stop with the bridges and mainplate: Romain's trademark gears and ratchet wheel featuring circular, bevelled spokes have been circular-grained, while the click, snail cam and screws with S-slot heads – another signature of Romain – have been highly polished. Finally, the lid of the mainspring barrel has been embellished with a superb snailing decoration.

C by Romain Gauthier's regulator features the Romain Gauthier balance wheel with curved arms and calibrated eccentric weights, plus hand-assembled pallet lever that is triangular for maximum rigidity.

Rubber strap and Carbonium® pin buckle

The C by Romain Gauthier Carbonium® Edition stands out with its high-grade rubber strap, designed to combine comfort, technical sophistication, and aesthetic harmony. Its central texture subtly echoes the pattern of Carbonium®, creating a visual dialogue between the case material and the strap. This continuity of textures reinforces the watch's identity, where every detail is conceived to extend the technical and contemporary spirit of the piece.

The strap colors can be matched to the colors of the indices, allowing each owner to personalize their timepiece or play with refined contrasts. This meticulous attention to chromatic harmony extends to the smallest details: the "GR" logo is finely engraved inside the buckle and on the crown.

The Carbonium® pin buckle integrates seamlessly with the overall design. The strap follows the angular lugs and rounded caseband, creating a sense of fluidity and organic continuity — as though the watch and its strap were sculpted from a single form. This ergonomic design ensures exceptional comfort on the wrist, while emphasizing the technical and sculptural character of the Carbonium® Edition.

TECHNICAL SPECIFICATIONS

Edition

Romain Gauthier

THE EVOLUTION OF TRADITION

Non limited edition in Carbonium®

Features and indications

Off-centred hours and minutes
Small seconds at 7 o'clock
Case, crown and pin buckle in Carbonium®
Openwork sapphire with Carbonium® design dial
In-house Grade 5 Titanium movement featuring stop-seconds mechanism
Rubber strap

Dial and hands

Openwork sapphire with Carbonium® design
Off-centred hours and minutes
Small seconds at 7 o'clock with 5-second intervals marked by tapered lines
Super-LumiNova-filled Grade 5 titanium hands.
Numerals and indices entirely in Super-LumiNova.

Movement and finishing

In-house, hand-wound movement
Dimensions: 32.10 mm x 5.50 mm
Power reserve: 60 hours
Number of jewels: 24
Number of components: 154
Balance frequency: 28,800 vph / 4Hz
Components made from: Titanium, brass, Carbonium®, steel, stainless steel and German silver
Finishing: *Superlative* decoration by hand.
Bridges: decorated with Carbonium® inserts.
Treatment: Natural titanium bridges and rhodium-treated gears.

Case

Material: Carbonium®
Dimensions: 42mm x 9.6mm, lug to lug: 50.4 mm
Water resistance: 30m/3atm/100ft
Fluted winding and setting crown at 2 o'clock.
Sapphire crystal with interior anti-reflection coating, front and display back

Strap and buckle

Rubber strap, colour customisable
Carbonium® pin buckle

Total weight of the watch: 43g, including rubber strap and Carbonium® pin buckle.

References:

- White accents: MON00561
- Yellow accents: MON00564
- Green accents: MON00565
- Blue accents: MON00566
- Orange accents: MON00567

Retail price: CHF 58,000 without taxes