



ANTOINE PREZIUOSO

GENÈVE

The Art of Swiss Watchmaking

Passion, Patience and Perseverance

Trillion Tourbillon of Tourbillons When High Watchmaking meets High Jewellery

Antoine Prezioso is showcasing a spectacular new version of his calibre Tourbillon of Tourbillons, a high-precision timepiece that was created in collaboration with his son Florian. Tourbillon of Tourbillons won both the Innovation Watch Prize and the Public Prize at the Grand Prix d'Horlogerie de Genève in 2015. The timepiece Trillion Tourbillon of Tourbillons was preselected at the Grand Prix d'Horlogerie de Genève 2018.

The *Trillion Tourbillon of Tourbillons* a one-off watch, features diamonds as part of its exclusive, flamboyant appearance, with an interplay of lights that awakens emotions. This is both an adventurous and sophisticated creation, as this extravagant, timeless watch not only defies the laws of gravity and plays with those of resonance, it also represents a masterpiece of high jewellery pushed to its limits.

Antoine Prezioso entrusts his reputation to the eternal beauty of these diamonds. This free spirit of watchmaking distils his creativity with daring and doesn't shirk any challenges.

A work of High Jewellery: the art of displaying maximum brilliance

The *Trillion Tourbillon of Tourbillons*, a masterful homage to the challenges of watchmaking, features three tourbillons dancing on a revolving plate, which are connected by a triple-differential gear and separated by three pure-white Top Wesselton G+ trillion diamonds.

The three tourbillons rotate around each other in 60 seconds and the plate completes six rotations each hour.

At the back of the watch, on bridges decorated with Geneva stripes, there are three rubies on the sapphire back that are positioned at six o'clock, opposite from three other smaller rubies at twelve o'clock.

The complex architecture of this watch, which is set off by a 47 mm case that is deliberately extravagant, blends harmoniously with the white 18 ct gold with 233 diamonds that are 24 carat baguette-cut in rare white (Top Wesselton G+), invisible mounting, of unparalleled purity and radiance.

Baguette-cut is one of the most difficult cuts to carry out. Its quality guarantees that light will be reflected well and gives the diamond its magnificent radiance and beauty.

The Trillion Tourbillon of Tourbillons is a fascinating symphony of light and is evidence of Antoine Prezioso's ability to combine High Watchmaking with High Jewellery.



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TOURBILLON of TOURBILLONS

AFP-TTR-3X – To The Power of Three

Three international patents protect the *Tourbillon of Tourbillons*, reflecting the creativity and capacity for innovation of ANTOINE PREZIUSO GENÈVE, where the project was brought to fruition after a decade of research.

Multiple Tourbillons on a Revolving Plate

Associating three tourbillons on a revolving plate gives the timepiece unmatched regularity. Each tourbillon completes one rotation per minute, at a faster rhythm than the plate, which completes six rotations per hour (one rotation every ten minutes). The speed at which the tourbillons rotate is accelerated by this double revolution. They are placed equidistant from the centre of the plate, with their respective axes forming an equilateral triangle. Isochronism is enhanced by the fact that the three cages rotate on different axes and at variable speeds.

Resonance

The closeness of the three independent regulating tourbillons – and their positions on the plate – enable them to resonate, and naturally adopt an identical frequency through a phenomenon known as “synchronism”. When the tourbillons start to resonate, their amplitude increases significantly – in a manner perceptible to the naked eye. The system as a whole thus forms a single revolutionary regulator, vibrating at a perfectly stable frequency of 3 Hz.

Triple-Differential or Synchronizer

This differential is unique both in its conception and the variety of tasks it performs. It must distribute constant energy from the double-barrel to the three tourbillons through the centre of the watch, without affecting the axis of the hands; react if one the tourbillon stops working; and correct any variations in frequency. It contains the tiniest ball-bearing in the world, barely 1.6mm in diameter!



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About ANTOINE PREZIUOSO GENÈVE

Tradition, complications, innovation: these three words underpin the work of Antoine Prezioso, founder of the brand ANTOINE PREZIUOSO GENÈVE, which in 2018 celebrates thirty-eight years of independent watchmaking. From his studies at Geneva's Ecole d'Horlogerie – where he discovered his calling – to the creation of the Tourbillon of Tourbillons (in close collaboration with his son *Florian*), Antoine Prezioso has always been inspired by three powerful values: respect for watchmaking tradition; mastery of major complications; and a constant quest for innovation in technique and design. It was Antoine Prezioso, for instance, who conceived the first watch entirely in meteorite: case, dial, buckle and hands in 2002.

Antoine Prezioso was born in Geneva, in prime watchmaking territory, but is also proud of his Italian roots. His twin origins help explain the identity of his timepieces, with irreproachable technical quality allied to striking design. He swiftly became a passionate restorer of old timepieces, attracted by the savoir-faire of master-watchmakers of the past, and by the attention they lavished on the quality of finish. His respect for watchmaking tradition finds concrete expression in the watches he designs. The very first watch made by ANTOINE PREZIUOSO GENÈVE, back in 1991, already bore the Geneva hallmark!

Antoine Prezioso is internationally recognized for his mastery of major complications, which connoisseurs can admire under his own name or in his regular work for other brands. His workshop produces minute-repeaters and perpetual calendar watches, although it is above all the Tourbillon that dominates his attention: a complication combining elegance, technique and poetry that has reigned supreme in the art of watchmaking for over two hundred years. The Tourbillon's fascination lies in the number and size of its components and the movement of its cage, which recalls the movement of the stars. The Tourbillon is also the favoured means for Antoine Prezioso to continuously improve the chronometric quality of his timepieces.

ANTOINE PREZIUOSO GENÈVE is a family business. The passion for watchmaking, the love of uniqueness, of the luxury of good manufacturing that comes only from time and experience are values that Antoine Prezioso claims and shares with his family members. May, his wife, has always been at his side. She is a source of undying support, in all aspects of life, not unlike a watchmaking calibre component; her role could be compared to that of a bridge. Solid and reliable. Or, perhaps better yet, to that of a differential, harmonizing as best as possible the forces and equilibriums within this extraordinary family. Laura, their daughter, expressing her talent by combining jewellery and watchmaking techniques in a mechanical jewellery collection. She is also teaching at the Geneva School of Applied Art. Florian, their son, has followed Antoine's path. That of watchmaking and its technical difficulties that haunt you until you solve them. He is now closely involved in all the company's new designs, and masters every aspect of R&D and production.



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TRILLION TOURBILLON of TOURBILLONS

AFP-TTR-3X-D "The Power of Three"

Movement

| | |
|------------------|---|
| Calibre | Antoine Preziuso AFP-TTR-3X |
| Winding | manual |
| Power Reserve | 48 hours |
| Dimension | 39,8 mm |
| Total height | 10,8 mm |
| Transmission | planetary triple-differential gear |
| Regulator organs | 3 tourbillons « planetary satellite » |
| Frequency | 3 x 21'600Ah (3Hz) |
| Rotating speed | 1 t/minute (tourbillons); 6 t/h (plate) |
| Components | 570 |
| Rubies | 65 |
| Ball bearing | 6 |
| Bariells | double serial barrels |
| Decoration | 2 diamonds trillion and one ruby trillion - 0.76ct. |
| Patent | 3 international patent |

Function

Hours, minutes

Case

| | |
|------------|---|
| Shape | round |
| Dimensions | Ø 47 mm |
| Thickness | 14 mm |
| Material | white gold 18kt. set with 233 baguettes diamonds – quality Wesselton G+ - 24ct. |
| Glass | sapphire crystal with anti-reflection treatment. |
| Crown | 18kt gold set with 20 diamonds baguettes + 1 solitaire diamond. |
| Back | Sapphire crystal |

Strap

Rubber and crocodile leather on back.
Deploying buckle set with diamonds