

GIRARD-PERREGAUX



Tourbillon with three gold Bridges

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After more than 125 years of existence, the mechanism, which was patented in 1884, is still making the news. Available in a pink or white gold case, the mainplate is now sanded to enhance the three gold Bridges and the openworked barrel drum opens onto the micro-rotor. The new fine features of the Girard-Perregaux Tourbillon with three gold Bridges underscore this architecture over which time has no command.

Born in the hands of Constant Girard-Perregaux in the nineteenth century, the three Bridges movement is a revolution in the history of Fine Watchmaking. With it, the mechanism becomes a design feature in its own right, extending beyond a solely technical function. The Tourbillon with three gold Bridges won supreme recognition in the form of a gold medal at the Paris International Exhibition in 1889 for bringing together all the know-how of Girard-Perregaux with an entire chapter of watchmaking history.

Within a 41 millimeter diameter, which fits the wrist perfectly, the three, arrow-shaped parallel Bridges form the perfect balance. Their geometry allows for no mistakes as any imperfection would be revealed. Entirely hand-made, the finishings require such dexterity that they can only be done by a handful of craftsmen. The Bridges are "rounded-off": the chamfering gives them a domed shape, along their entire length, a perfect curve. Light glides and reflects off their "mirror polish" finishing, offering a captivating contrast with the matt mainplate.

At 12 o'clock, the barrel drum is meticulously skeleton-crafted to reveal the oscillation of the elegant and ingenious platinum microrotor. The tourbillon system is also the subject of particular care as its 80 components need to be assembled in a 10 millimeter diameter. The cage, like the escapement and pallets bridge are chamfered and hand-polished as are the gold adjustment screws.

The GP09600 self-winding movement operates in the background. Entirely designed and assembled in the Manufacture's workshops, it offers the qualities of the greatest Fine Watchmaking mechanisms: those that strike the perfect balance between art and technique.

TECHNICAL SPECIFICATIONS

Case: pink or white gold
Diameter: 41.00 mm
Crystal: anti-reflective sapphire
Case-back: sapphire crystal, secured by 6 screws
Water resistance: 30 meters (3 ATM)
Girard-Perregaux GP09600-0022 movement (pink gold case),
Girard-Perregaux GP09600-0024 movement (white gold case)
Self-winding mechanical movement
Diameter: 31.00 mm (13 3/4 """)
Frequency: 21,600 Vib/h - (3 Hz)
Power reserve: min. 48 hours
Jewels: 31
Number of components: 256
Spiral: Philips terminal curve
Mainplate: sanded and pearled finishing, hand-polished chamfers
Bridges: "rounded-off" three gold Bridges, arrow-shaped, chamfered and hand-polished
Barrel: skeleton-crafted and engraved cover
Tourbillon:
- 80 components for a total 0.3 grams in weight
- one revolution per minute
- chamfered and hand-polished upper and lower cages
- chamfered and hand-polished escapement and pallets bridge
Functions: hour, minute, small second on the Tourbillon
Black alligator leather strap
Pink gold folding buckle
White gold folding buckle