

VOUTILAINEN

VOUTILAINEN - 'Vingt-8' wristwatch

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The in-house movement of the Vingt-8 was designed, built, fabricated, finished and assembled in its entirety in Voutilainen workshops. The design and philosophy of the movement combines respect for longevity and precision with classical watchmaking tradition. The movement has a very large balance wheel manufactured in-house, allowing perfect regulation of the watch to within strict tolerances. To equip such an exceptional timepiece, a very rare and unique balancespring system has been used. The exterior of the spring uses a typical Breguet overcoil, while the internal curve uses the little known Grossmann curve.

The escapement makes the movement very special; this is the first watch to have two escapement wheels in such a configuration. The escapement wheels give a direct impulse to the balance through the impulse roller/jewel. This escapement is extremely efficient and requires much less energy than traditional lever escapements, offering benefits in terms of longevity and stability in day-to-day use.

The balance-wheel bridge is sublimely elegant, offering an unimpeded view of the escapement and balance. It also allows the enthusiast to admire the synchronized movements of the escapement wheels.

The watch is finished to the highest standards.

The surfaces of pinions and wheels are completely flat and highly polished to within exceptionally uniform tolerances. All finishing work on the main plate and bridges is by hand to achieve the highest possible levels of surface finish.

Screws and all steel parts are finished and polished by hand.

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TECHNICAL SPECIFICATIONS

In-house movement. Design, construction, fabrication, finishing and assembly in Voutilainen workshops.

30mm x 5.60mm movement

New escapement, with two escapement wheels, direct impulse.

Main plate and bridges manufactured from German silver.

Wheels manufactured from rose gold.

21 jewels

50-hour power reserve

Free sprung balance wheel with rose gold timing weights frequency of 18,000 v.p.h.

Balance diameter 13.60mm with Breguet/Grossmann balance spiral

39mm x 11.5mm thick 18-carat gold case and crown

Sapphire glasses front and back, anti reflection treatment on front

Engine-turned silver dial with gold applied numerals and gold hands

Hand sewn crocodile strap with 18-carat gold buckle