

CVSTOS

THE TIME KEEPER

Press Release

January 2019

DOUBLE DIFFERENTIAL TOURBILLON-S

In the closed circle of creators of avant-garde movements, Antonio Terranova, co-founder of Cvstos, is in a perpetual quest for performance and efficiency in terms of chronometry.

In 2017, the latter is approaching Telos Watch, represented by two talented watchmakers and drivers of high-end watchmaking, Johnny Girardin & Franck Orny and thus finding the ideal partners who will translate his ideas into reality.

This new Concept-S radicalizes the dimension of ultra-traditional chronometry in its execution and its finishing but especially in its totally innovative architecture. In addition, each Double Tourbillon offers individual customization possibilities for the choice of cases, materials, colors and finishes.

"EQVILIBRIVM" in Latin means balance or harmony.

Balance is the key word of this new Concept-S

The single tourbillon or the double tourbillon are generally exercises of style, intended to legitimize or to demonstrate a certain know-how. However, CVSTOS pushes limits by making it a reliable and accurate measuring instrument.

This **DOUBLE DIFFERENTIAL TOURBILLON-S** is the assembly of 2 'flying tourbillions' mechanisms synchronized by a differential whose sole task is to distribute the torque and the force in an equal way to the 2 regulators (the tourbillon cages).



With its 2 **patents filed**, it pays tribute to the perpetual need for innovation of the brand, which refuses to follow certain trends of continuity. A concept Watch of this scale is a definite authority in a world of evermore competitive watchmaking environment.

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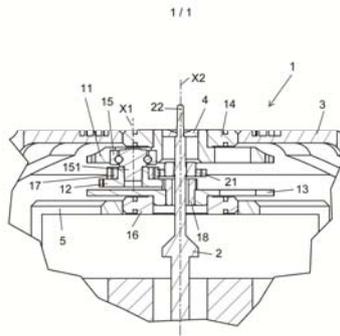


Fig. 1

This is the first movement with 2 Flying Tourbillons rotating at 4 hertz ever made, guaranteeing more precision (more accurate in comparison with the conventional Tourbillons rotating at a frequency of 3 Hz). The tourbillons are placed respectively at 3 o'clock and 9 o'clock and are equipped with a Grade 5 titanium cage upper bridge.



The tourbillons are synchronized (or equilibrated) by a differential device equipped with ceramic ball bearings, which give this set extreme mechanical rigidity, withstanding the impacts and of course the combined torque and mechanical forces from the 4 barrels.



Once again, innovation is part of this particular architecture, to say, that the plate carries only the gear train for the transmission of force to an entire system of flying components, such as, the Tourbillon cages, the minute time bridge and the differential. This set is mounted on 5 ceramic ball bearings and offers an unparalleled reliability ensured by a power reserve of 72 hours.



This mechanical set gives a dynamic and three-dimensional impression of suspended elements inside a totally open volume between the different organs. The transparency of the fully perforated dial, as well as the open case back, offer a remarkable visibility on the different elements of this skeleton movement.

Built as a work of art, the upper bridge of the flying differential cage, sports the indicator of the Small Second "Medium", by a three-point hand, now emblem of the brand.

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Extremely refined, this movement is characterized by different blends of materials and color treatments.

Crafted from 5N pink gold or Grade 5 titanium treated with blue PVD, the barrel-shaped casing admirably enhances the mechanical art of Haute-Horlogerie through the purity of its lines and volumes.

This accomplished architecture is recognisable among all and thus contributes to the aesthetic differentiation of CVSTOS in the closed circle of Haute Horlogerie.