



## Two new additions to the iconic Corum Bridges collection Golden Bridge Tourbillon with sapphire bridge & Ti-Bridge Power Reserve

**1980:** true to its philosophy of remaining on the cutting edge of the watch industry, the Corum brand created the Golden Bridge model, a watch equipped with an entirely unprecedented and remarkable “baguette” movement.

**2011:** the Golden Bridge, which has just celebrated its 30<sup>th</sup> anniversary, has become one of the brand pillars and an icon in the Swiss watch industry. Now interpreted through a range of different models, it shows up this year in two new variations once again highlighting its extremely innovative nature.

### Golden Bridge Tourbillon with sapphire bridge

In order to treat its iconic model to an innovative touch, Corum chose to work on the baguette movement with its tourbillon escapement. Any changes to its aesthetic necessarily implied first accomplishing a genuine technical feat. Part of the bridge of the CO213 movement – normally entirely made of 18K solid gold – has been replaced on the level of the tourbillon carriage by a transparent sapphire component. One of the major difficulties involved in this operation lay in the necessity of ensuring the smooth co-existence of two materials with such different degrees of hardness, rigidity and dilatation coefficient: sapphire and gold. The tensions in play are even stronger because this is a baguette-type movement, and the difficulty that had to be surmounted is all the greater because the sapphire bridge is a mere 0.6 mm thick. One of the ends of the sapphire plate has been screwed to the gold bridge in the usual way, while the other has been cut to form a sharp tip and is simply nested in the second part of the gold bridge, which is specially machined to form a V shape.

Within this new configuration, the tourbillon carriage of the latest Golden Bridge model is now held by a transparent crystal part that is perfectly visible and more airily light than ever. It thus affords a view of its upper bridge shaped like the Corum key emblem, along with all the mobile parts of its silicon escapement. The entirely guilloché solid gold dial is placed behind the movement rather than in front as is generally the case. It is openworked to ensure that Caliber CO213 is also visible through the back of the watch. The case of this Golden Bridge Tourbillon model is a study in transparency enabling one to admire the ethereal movement from either side of the case. No less than four sapphire crystals are thus required to build a case that is watertight to 30 meters and looks very much like a display showcase housing a precious object. Such an exceptional model is naturally issued in an extremely limited production run: only 10 in white gold and 15 in 18K red gold will be offered to collectors and devotees of this exceptional collection.



## Ti-Bridge Power Reserve

The second new release being introduced by Corum is the Ti-Bridge Power Reserve. The Ti-Bridge, with its distinctive titanium case and its horizontal baguette movement is held by four black PVD-coated bars, is a contemporary interpretation of the Golden Bridge spirit. Unique in the world, this understated blend of modernity and elegance features a perfect balance between design and technology. The Caliber CO107 baguette movement equipping the latest Ti-Bridge model drives the hour and minute hands as well as a power-reserve indication – a first in this collection.

This beautifully structured watch naturally called for a linear display of the latter function. To achieve this, the Caliber CO107 is fitted with a satellite gear train that is visible when observing the watch from the side along the 9-3 o'clock axis, but invisible when looking at this Ti-Bridge from the front. This module comprises several specific features, including a differential gear system composed of three wheels – one of which is an off-centered “planetary wheel”. Depending on the direction of its rotation, the latter spins either on its own axis, or around the axis of the two other wheels, thereby connecting the barrel on the one hand and the winding stem on the other to the power-reserve indicator – all within a minimum of space. Another special characteristic developed for this caliber is the power-reserve indicator mounted on a graduated sliding gear in phosphate nickel. The choice of this material, combined with a LIGA manufacturing process (a German acronym for Lithographie, Galvaniformung, Abformung – Lithography, Electroplating and Molding) similar to electroforming, results in parts with far more precise tolerances than those achieved by classic mechanical machining. It thereby guarantees the extreme precision of the power-reserve display, which in this case amounts to a maximum of three days. In terms of the exterior, the new Ti-Bridge Power Reserve features a grade 5 titanium case and a dial in titanium. The hour and minute hands as well as the power-reserve display are coated in a luminescent substance so as to ensure perfect readability in the dark. Fitted with a rubber strap secured by a folding clasp with two security pushers, the Ti-Bridge Power Reserve is issued in a limited numbered series of 700.

**Additional photos can be downloaded from our press server**

<http://marcom.corum.ch/>

## Golden Bridge Tourbillon

### Specifications

Reference	213.150.55/0002 GK12
Movement	CO213 Mechanical baguette movement, hand-wound by a stem at 6 o'clock Tourbillon with Silicon escapement, sapphire bridge Slipping spring mechanism Variable inertia balance wheel Frequency: 2.66Hz, 19'200 vibrations/hour 22 Jewels 18kt red gold plates and bridge Power reserve of 40 hours
Functions	Hours, minutes, tourbillon
Case	34 x 51mm Tonneau-shaped case made of 18K red gold 5N Polished and satin-finished surfaces Fluted crown at 6 o'clock decorated with CORUM key Sapphire crystal open back cover under the movement Caseback engraved with CORUM logo
Dial	Dial in gold 18K, guilloché by hand Applique hour indexes Red gold 5N skeleton hour and minute baton hands
Glass	Sapphire crystal
Strap	Black crocodile leather strap, hand-stitched
Buckle	18K red gold 5N tongue buckle
Water-resistance	99 feet / 30 meters