CORUM

AVANT-GARDE SINCE 1955

GOLDEN BRIDGE

TABLE CLOCK

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TABLE CLOCK

since 1955

CORUM

Founded in 1955, Corum represents creative and daring watchmaking. Corum uses an approach free of dogmas that enables a reconceptualisation of movement construction, its casing, and the artistic crafts that brighten the dial. Behind the many technical achievements (baguette movement) and aesthetic achievements (Coin Watch, Feather, Bubble), Corum continues the tradition of high-quality watchmaking that is ahead of its time.

Corum, established in La Chaux-de-Fonds, is opening itself up to the contemporary, street art, and classical art worlds, and in doing so attracting the attention of various trendsetters. At once disruptive yet respectful of its watchmaking heritage, Corum maintains its status of a niche brand aimed at demanding collectors of unconventional timepieces. Corum is currently based on five collections that embody its vision of 21st-century watchmaking: Admiral, Bubble, Golden Bridge, Heritage and Lab.

2022

PEDRO COSTA

Pedro Costa is a metal artisan whose passion is to turn metal sheets into amazing pieces of art. His main objective is to make an artistic representation of a collector's favorite piece into a table clock. The Corum Golden Bridge is the most beautiful table clock he has made up until now, a complete master piece.

Pedro's work involves art, design, technology and fine mechanisms developed by Sinclair Harding in the UK, who worked with Pedro for years to develop these fine movements for each of his pieces. To make one table clock, Pedro Costa and his team can take up to 3 or 4 months, sometimes much longer.

Due to the complexity of this work, Pedro Costa can only make 40 to 45 pieces maximum per year.

PRODUCTION

The Process

For a collector to be able to order a table clock, they must first decide which is their favorite timepiece in his / her collection, which is no easy task. Having defined the watch the client wants as a table clock, the project can begin. It starts by undergoing several processes of investigation, design, 3D modeling and printing to understand volumes and proportions, it involves a lot of research, with different experts to understand the piece in its whole complexity. Finally, a rendered model of the piece is made for the client's approval.

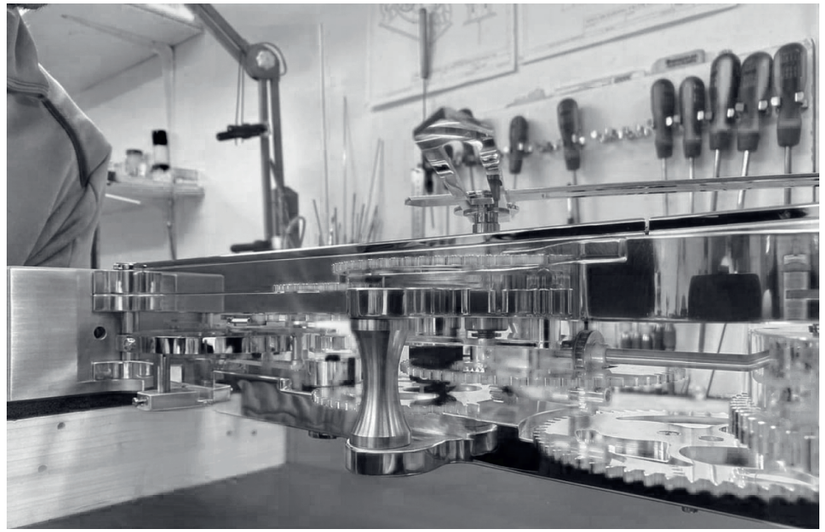
Production

The metal sheets in aluminum and stainless steel are ordered. From then on, it is a magical journey through a fabrication of hand-made luxury. At Costa Design, they even make their own tools as they are the only ones in the world working on projects like these.

In the hands of Pedro Costa's artisans, they shape the metal sheets by hand into basic geometries, bending, forging, carving, welding, cutting, lathing and polishing achieving the perfection needed.

Once the piece is welded and assembled, it is checked once more to make sure that the high levels of temperatures have not deformed the piece changing its measurements by millimeters. Then the piece enters the finishing process which is as crucial as any other. Due to the artisanal work, hundreds of man hours are needed to finish one piece.

Once the piece is finished and beautifully polished, we proceed to what we call the "marriage", this happens when the case and the movement are finally put together matching the amazing artisanal work of Costa Design with the excellent craftsmanship of Robert (Bob) Bray from Sinclair Harding in the United Kingdom.



PRODUCTION

Such an amazing and unique artisanal project demanded a highly complicated movement to match it, that's why Pedro Costa took his time to find the right partner for this important job: Sinclair Harding, who brings a rich history and experience in English watchmaking.

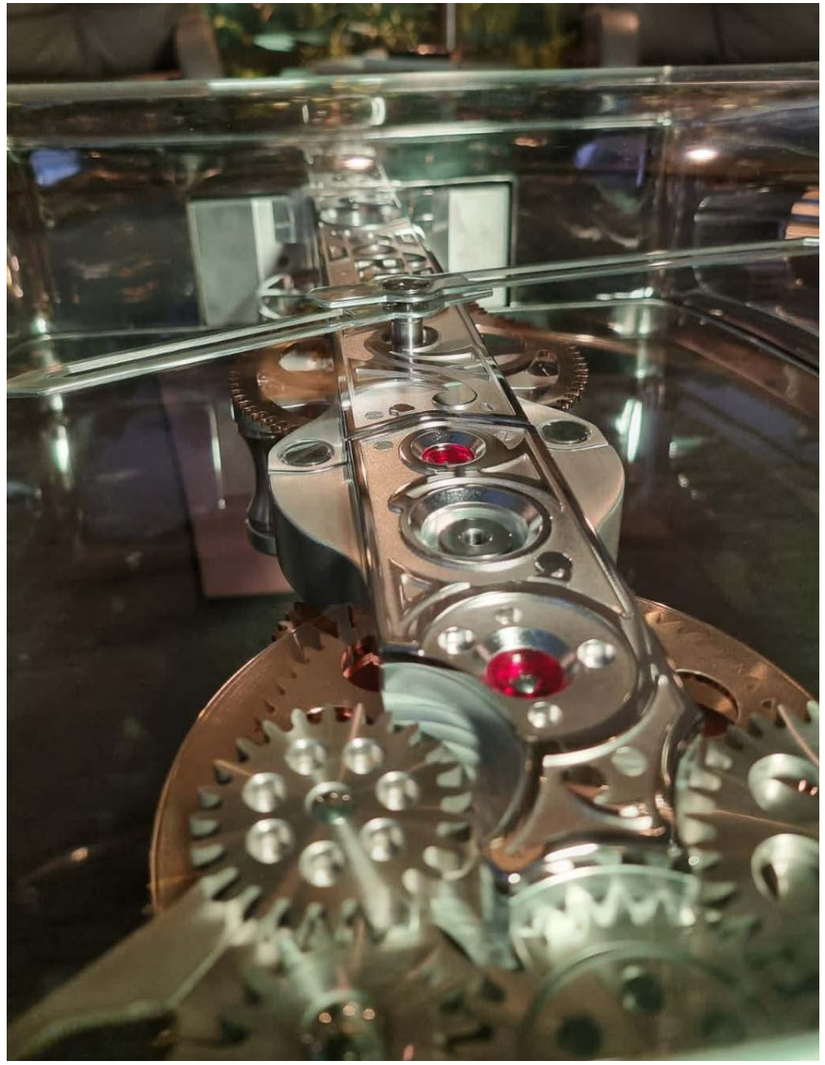
The Movement

Robert (Bob) Bray is the person with whom Pedro decided to count on for the development of the movement for the Corum Golden Bridge Table Clock.

Sinclair Harding was originally founded by Bill Sinclair and Mike Harding (1967-1995) based in Cheltenham, England. In 1995, the company was one week away from closing, with no orders or workforce and a British clockmaking industry that had effectively died in previous decades.

Robert (Bob) Bray was introduced to Mike Harding, by his Uncle Brian Kitson , an engineer and clock enthusiast.

Bob had four young children and no knowledge of clocks but had 23 years of engineering experience in manufacturing small gears and gearboxes for Aerospace / defense applications. He could see that this was an opportunity that would never come his way again.



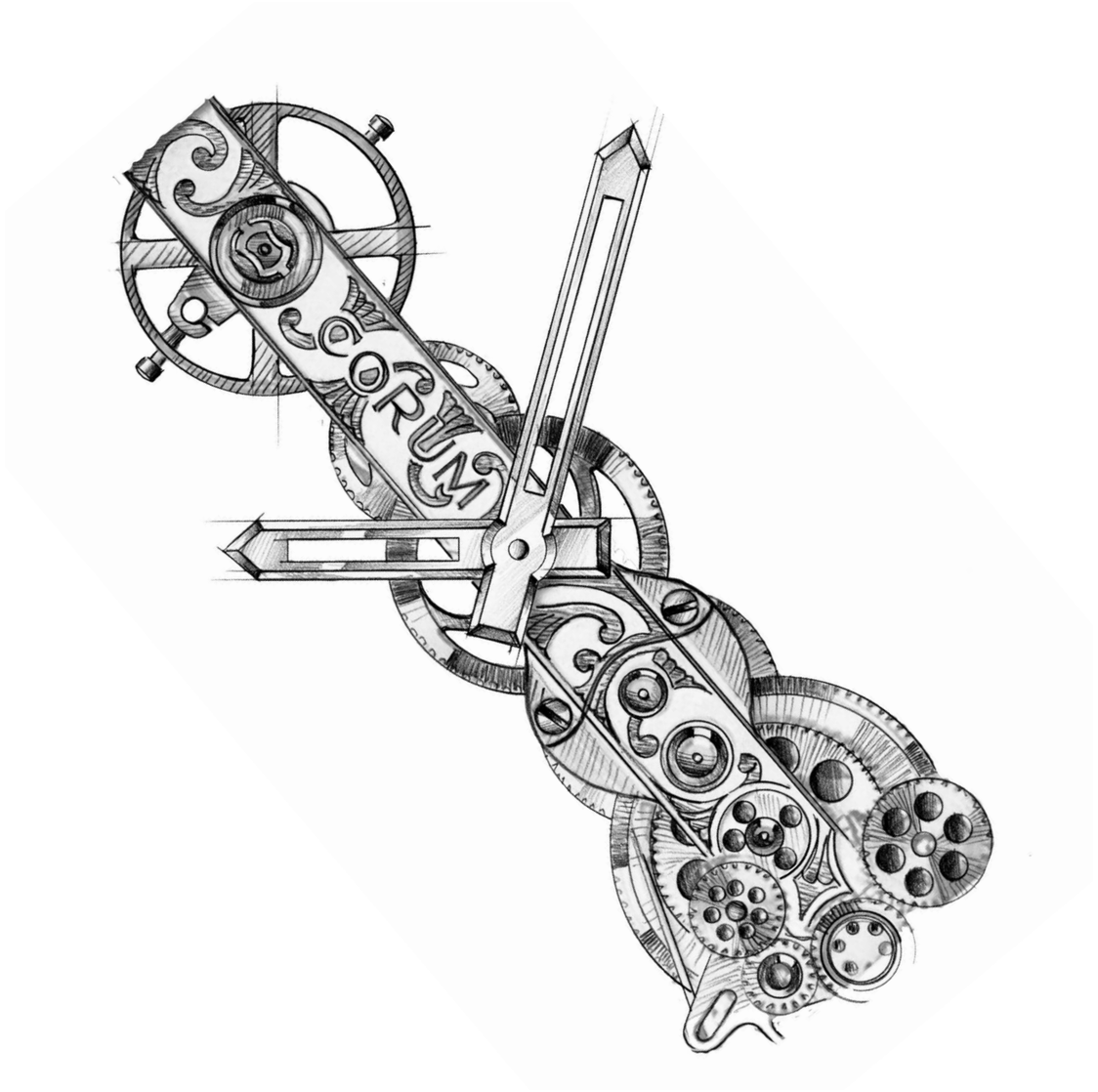
PRODUCTION

The new challenge was daunting, but undeterred he decided to take on the company and to redirect his engineering skills to the art of clock making, or as Bob described it to the British Horological Institute on application for his membership* making gearboxes that work backwards.

From the start, Bob's simple goal was to be totally independent and capable of making every part for each clock. His aim was to make clocks that would bring a smile to his customers and be a joy to service by clock repairers in the future. The goal of making every part was realized in 2017, his customers always smile when seeing their clock for the first time, and only time will tell if the third aim will be achieved. Twenty-six years later with over 1000 clocks made, Bob has been personally involved in or overseen the introduction of all the in-house capabilities which include: precious metal plating, fusee chain making, manufacturing and hand tuning bells, French polishing, engraving and hand silvering of dials, bluing of screws and hands, even mainspring manufacturing, to name but a few.

Today, Sinclair Harding's team are 9 strong (mainly family) and are all involved in many processes throughout the manufacturing. With their flexible team they continue to improve their efficiency and standards. With this intense process of craftsmanship results in a clock, which is aesthetically pleasing and reliable, with real soul and character that hopefully goes some way to ensuring a more certain future for English horology.

* He was turned down initially after his comment but was later awarded the silver medal for services to Horology, made an honorary F.B.H.I. is the Vice President of the BHI, a founding member of the British Watch and Clock Alliance and a proud member of the AHCI - Académie Horlogère des Créateurs Indépendants



1980

GOLDEN BRIDGE

The original, almost rebellious, in-line movement was first created in the 1970's by Vincent Calabrese. A self-taught Italian watchmaker with a passion for doing things differently, Calabrese had begun working on the idea of showcasing an incredible movement as an integral part of the overall design of the watch. He presented his patented concept, a 45-piece highly skeletonized in-line movement, at the 1977 Geneva International Inventors' Show and the astute management at Corum immediately acquired the patent, working with Calabrese to develop the revolutionary movement.

The first Corum Golden Bridge, with movement parts made of gold, made its debut at the 1980 Basel Fair. The alluring caliber – showcased in all its glory – was an immediate success and captured hearts around the world. Since then, all of the iterations and evolutions – with their minimalist design and gorgeous baguette movement – have left an indelible impression on the watch collecting world.

Golden Bridge

TABLE CLOCK

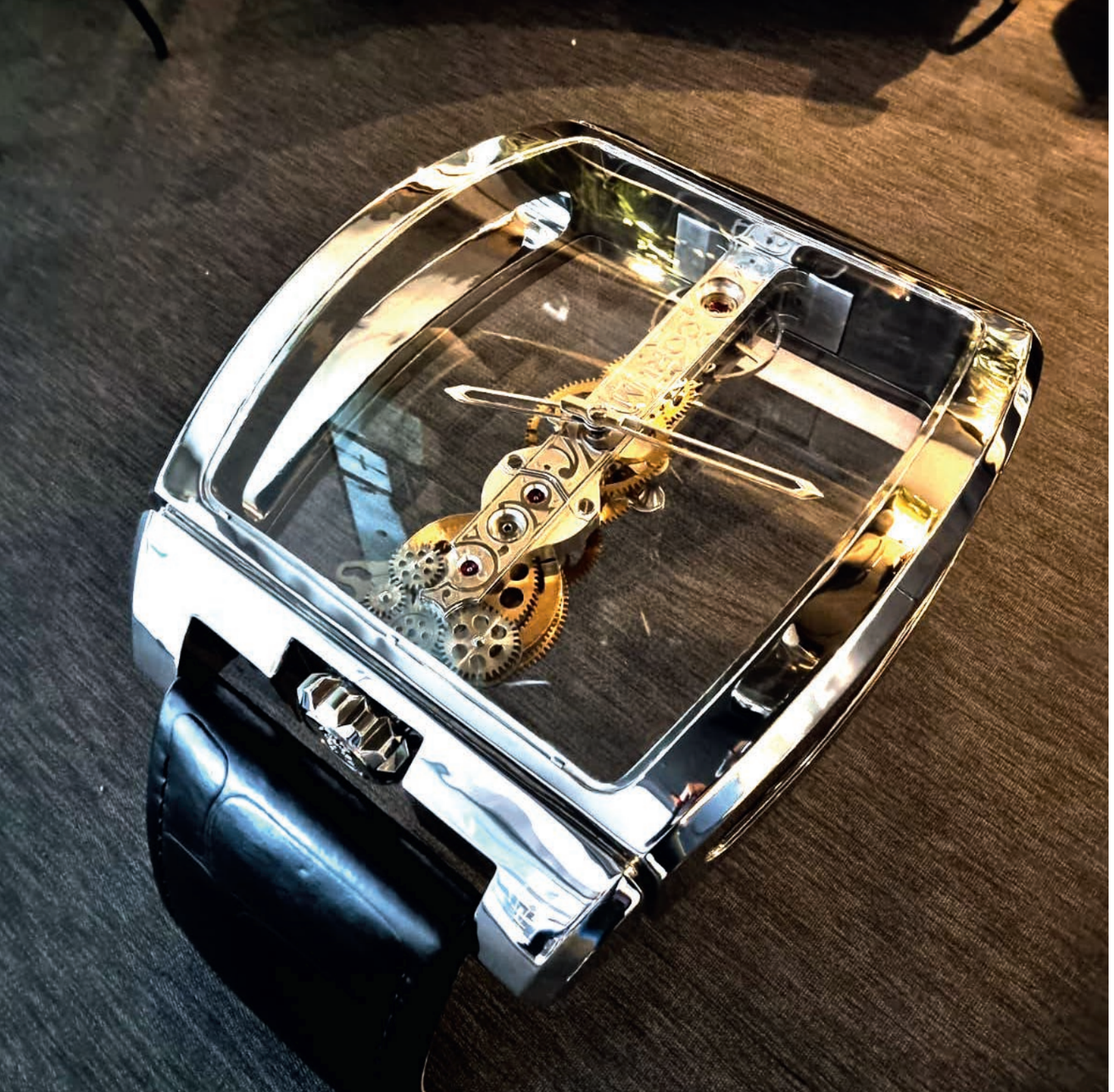
Designed to reflect the aesthetic quality of the Golden Bridge collection at 20 times the actual size, every single part is visible as if through a powerful loupe.

Powered by 12v DC 15,000 mAh rechargeable battery, the clock will be last for 6 days or approximately 144 hours.

The full charge time is 8 hours at 110v domestic network. The minute/hour hands are controlled via a precision stepper motor, with 3200 micro steps per revolution then through an in-house designed and manufactured precision gearbox which features a 108 tooth anti-backlash gear to minimize noise and improve the timekeeping accuracy.

The balance and escapement are uniquely impulse via the carriage and a separate DC motor. Both motors are controlled by a microprocessor which features feedback via a real time clock to ensure long term accuracy.

By pulling a manual hand setting crown hidden inside the watch case crown, the hands can be adjusted clockwise or anti-clockwise via a contrate pinion and wheel arrangement.



Golden Bridge

TABLE CLOCK

All the materials are high grade brass, stainless steel, and aircraft grade aluminum.

The movement is entirely hand finished using a combination of techniques to further ensure the original watch movement are accurately represented. Techniques include mirror hand polishing, graining and sand blasting The brass parts are electro plated to protect against tarnishing with a thin layer of nickel, then 23.5 carat gold, and if a white gold look is required, then platinum is plated over the gold.

The aluminum is mirror polished and protected with 3 coats of high-quality micro-crystalline wax. The whole movement weighs in at massive 15 kilograms and is made up of a total of 295 parts, 156 unique components and 25 sub-assemblies all manufactured in the workshops of Sinclair Harding (UK).

Golden Bridge

TABLE CLOCK

SPECIFICATIONS

MOVEMENT

Powered by 12v DC 15,000 mAh rechargeable battery, this would last for 6 days or approximately 144 hours.

The full charge time is 8 hours at 110v domestic network.

CASE

Stainless steel, aluminum, glass, iron and acrylic.

100% handmade , fully functioning mechanism powered by Sinclair Harding in the UK.

DIMENSIONS / WEIGHT

L 124 x W 66 x H 63.2 cm

Weight: approx 66.4 kg

AVAILABILITY

Made to order

PRICE

CHF 120,000.00
Includes VAT of 7.7%

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