



JACOB & CO.
ASTRONOMIA SOLAR
PRESS RELEASE

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After 2 years of development, Jacob & Co. introduces at Baselworld 2017 the Astronomia Solar featuring the eight planets of our solar system: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.

Jacob & Co. pushed the Astronomia experience into a 44.5mm case: the Astronomia Solar, a movement of 34.55mm diameter and 439 components in constant bi-directional rotation and a representation of the solar system, enhancing even more the celestial reality.

The vertically built Jacob & Co. manufacture caliber JCAM19 boasts 3 arms:

- The first arm holds the hour & minute dial made of sapphire, it rotates counter-clockwise to ensure that 12 o'clock is always in the correct position, regardless of where the subdial is, thanks to a patented differential system.
- The second arm holds a two axes (10 min/60seconds) gravitational flying tourbillon decorated with a Jacob & Co. logo on its cage.
- The third arm holds an hand-engraved globe of the Earth rotating around its own axis in 60 seconds and completing one full revolution of the dial in 10 minutes

The center of the movement is adorned with a Citrine Jacob cut® of approx. 1.5ct.

The bi-directional movement rotates clockwise to complete a full 360 degree revolution in just ten minutes, the aventurine base rotates in the opposite direction at exactly the same speed, creating an accelerated, stylized view of the solar system.

The idea behind the Jacob & Co. Astronomia collection has always been to highlight, in a playful and suitably gem-set environment, the place of the Earth in our solar system. Creating a zero gravity effect. It is, after all, the very foundation of our concept of time. In the Astronomia Solar, all eight planets in the solar system are given a place on the dial for the first time, with the sun at the center in the form of a 1.5ct Citrine with the unmistakable Jacob Cut® and its 288 facets.

The hand-engraved globe of the Earth rotates about its own axis once every 60 seconds and completes one full revolution of the dial in 10 minutes, as part of an assembly that also houses the subsidiary hour and minute dial and a one-minute flying tourbillon.

The reduced case size, new functions and faster rotation speed are all made possible by an entirely new in-house movement. The hand-wound Jacob & Co. calibre JCAM19 beats at a frequency of 4Hz (28,800 vibrations per hour), which is faster than any of the other Astronomia models. Yet in spite of its smaller diameter, at just 34.55mm, it actually comprises 439 components, excluding the precious and semi-precious stones, which is more than in the other Astronomia models.

Continuing the Astronomia tradition of an abstract depiction of the universe that combines high-end Swiss watchmaking with Jacob Arabo's talent for sourcing and his innovation in cutting the finest gemstones, the new Astronomia Solar expands the horizons both literally and figuratively.

TECHNICAL SPECIFICATIONS

Case

Diameter: 44.5mm

Material: 18-carat rose gold

Case back: 18-carat rose gold

Case middle: single-piece sapphire crystal

Bows: Winding and time-setting via two 18-carat rose gold bows

Crystal: Unique domed sapphire with double anti-reflective treatment

Water resistance: 30 metres

Movement

Caliber: Jacob & Co. in-house manually-wound calibre JCAM19

Diameter: 34.55mm

Height: 16.50mm (11.70mm excluding garnet)

Components: 447 excluding the precious stones

Power Reserve: 48 hours

Frequency: 28,800 v/h (4 Hz)

Jewels: 43

Functions

Hours and minutes on subsidiary dial

60-seconds flying tourbillon bi-axial

60-seconds rotating Earth

Bi-directional movement rotating clockwise 360 degrees in 10 minutes while the aventurine base rotates counter-clockwise 360 degrees in 10 minutes

Dial and hands

Dial: Sapphire crystal with rose-gold metallization

Hands: Gun Blue

Strap and clasp

Strap: Crocodile leather

Buckle: 18-carat rose gold folding clasp



About Jacob & Co.

Led by Jacob Arabo, a visionary who embodies the American dream, Jacob & Co. continues to revolutionize the world of jewellery and haute horology with creations that are as innovative as they are spectacular. Jacob & Co. brings a constant expansion of horology's limitations to the design of high-end timepieces. The meticulous attention to detail with which the brand approaches each timekeeping instrument extends from the heartbeat of every watch to the magnificent stones that adorn each piece. Jacob & Co.'s jewellery expertise is demonstrated through the expert selection of exceptional diamonds and gems—with a strict dedication to integrity of source. Employing superb techniques and meticulous craftsmanship, Jacob & Co. maximizes the beauty of each jewel and brings them to life through captivating design.

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