



ARNOLD & SON

1764

Royal Collection
Pre-BASELWORLD 2017

**Introducing the Arnold & Son Tourbillon Chronometer
No. 36, a modern tribute to the historical
high-precision chronometers made by John Arnold.**

Symmetry and skeletonization are two traits that should come to mind whenever Arnold & Son is mentioned, and the Tourbillon Chronometer No. 36 is certainly no exception. Drawing inspiration from the John Arnold pocket chronometer No. 1/36, which will mark its 240th anniversary in 2018, the Tourbillon Chronometer No. 36 is a commemorative creation leading up to the milestone year for the historically significant John Arnold chronometer.



Tourbillon Chronometer No. 36

Manufacture Arnold & Son A&S8600 calibre, hand-wound,
anthracite open dial, 18-karat red gold case, diameter 46 mm
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The John Arnold Chronometer No. 1/36 or “Arnold 36” as it is more commonly called was not only the first pocket watch by John Arnold to use a larger movement with his “T” balance, but also the first to be referred to as a “chronometer” for its superior timekeeping capabilities. In this respect, the Tourbillon Chronometer No. 36 is faithful, contemporary horological homage.



Tourbillon Chronometer No. 36
18-karat red gold case, diameter 46 mm
© Arnold & Son



Tourbillon Chronometer No. 36
stainless steel case, diameter 46 mm
© Arnold & Son

Following the classical codes of traditional English chronometer movements, the main pivoting elements such as the wheels, barrels, the tourbillon, and others are each mounted on their own bridge. The triangular, multilevel bridges (no less than thirteen) are mostly skeletonized, providing a more contemporary sense of three-dimensional depth to the entire timepiece.



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The tourbillon, a central element of this timepiece, is highlighted in a most magnificent manner. Held by a skeletonized and mirror-polished top bridge, the one-minute tourbillon features a typically Arnold & Son three-spoke design. Weighing mere fractions of a gram, the tourbillon cage consists of no less than 58 components. Prominently positioned on the dial side, the tourbillon can also be viewed from the back, thanks to an opening in the main plate. The same kind of opening is made below the small seconds display, adding to the symmetry of the Tourbillon Chronometer No. 36.

The apparent technical virtuosity of the Tourbillon Chronometer No. 36 is not only a treat for the eyes, as the watch is a COSC certified chronometer; something of a rare achievement for a tourbillon-equipped timepiece.



Manufacture A&S calibre A&S8600
Hours, minutes, small seconds and tourbillon
© Arnold & Son

The decorative *haute horlogerie* arts are also lavishly demonstrated in the Tourbillon Chronometer No. 36. The entirely in-house conceived and manufactured A&S8600 calibre features a smooth sand-blasted main plate and bridges with chamfered and polished edges. The main plate and bridges are treated with a golden coating, echoing the aesthetics of the historical pocket watches made by John Arnold. The main plate also is set with several mirror-polished 18k gold chatons, while the wheels in the gear train are embellished with circular satin finishing with chamfered and polished edges. Even the screws are beveled and feature with mirror-polished heads.

The heart of the watch, the tourbillon, features a traditional construction with a top bridge, while the mirror-polished cage has the signature Arnold & Son three-spoke design, making a complete turn in 60 seconds.

The double barrels, embellished with laser-engraving decoration, provide a considerable power reserve of 90 hours when fully wound.

The Tourbillon Chronometer No. 36 is available in red gold as well as stainless steel, limited to 28 examples in each version.



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Main technical characteristics:

Tourbillon Chronometer No. 36

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| Calibre: | A&S8600 |
| | Manufacture Arnold & Son calibre, hand-wound, 33 jewels, diameter 37.8 mm, thickness 5.9 mm, power reserve 90 h, double barrel, 4 Hz / 28'800, COSC certified |
| Functions: | Hours, minutes, small seconds, tourbillon |
| Movement decoration: | Nickel-silver and steel movement, 5N red gold treated bridges and main plate with <i>Haute Horlogerie</i> finishing: sand blasted bridges with chamfered and polished edges, 18k gold chatons, screws with bevelled and mirror-polished heads <u>Tourbillon cage:</u> mirror-polished with hand-chamfered polished edges and circular satin-finished surfaces |
| Dial: | Inner bezel NAC treated with rhodium indexes |
| Case: | 18-karat red gold or stainless steel, diameter 46 mm, cambered sapphire with anti-reflective coating on both sides, see-through sapphire case back, water-resistant to 30 m |
| Strap: | Hand-stitched brown or black alligator leather |
| Limited edition: | 28 timepieces in each version |
| References: | Red gold: 1ETAR.G01A.C112A Stainless steel: 1ETAS.G01A.C112S |

Recommended Retail Prices:

- Red gold case, CHF 52'800 (VAT excl.)
- Stainless steel case, CHF 34'900 (VAT excl.)

For **high resolution images** or more information, please contact us at:

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