



## **JAEGER-LECOULTRE PRESENTS THE REVERSO TRIBUTE DUOFACE TOURBILLON IN PINK GOLD**

**PAIRING THE MESMERISING BEAUTY OF AN INNOVATIVE FLYING TOURBILLON  
WITH THE PRACTICALITY OF A DUAL TIME-ZONE DISPLAY**

- *A highly sophisticated and innovative movement, complex yet ultra-thin*
- *An ingenious flying tourbillon visible on both front and reverse dials, with the second time zone on the reverse dial*
- *Exquisitely hand-decorated in the Manufacture's own Métiers Rares® atelier*

La Grande Maison presents the Reverso Tribute Duoface Tourbillon in pink gold inspired by its first tourbillon wristwatch – the Reverso Tourbillon – introduced thirty years ago. A glorious expression of the Calibre 847 introduced in 2018, it shines a spotlight on the Manufacture's avowed expertise in tourbillons. Also incorporating the Duoface concept, its two dials present two different aesthetics, with a second time zone and a day-night indicator on the reverse dial.

### **An Heir to the Past Looks to the Future**

At its birth in 1931 and for the first 60 years of its life, the Reverso was a time-only watch, with no added mechanical complications. Then, from 1990 onwards, as the 60<sup>th</sup> anniversary of Reverso coincided with a renewed interest in mechanical watchmaking after the quartz crisis, Jaeger-LeCoultre introduced a series of exceptional Reverso models. Released over the course of a 'golden decade', each timepiece featured one of the great classical complications.

In 1993, harnessing the legacy of its first tourbillon movement Calibre 170, which was developed for a pocket watch in 1946, Jaeger-LeCoultre released the Reverso Tourbillon. Not only was it the Manufacture's first wristwatch tourbillon, it was also the first in a rectangular case and the first with a shaped movement.

The Manufacture's expertise in tourbillons has grown steadily from that point, with its development of multi-axis tourbillons incorporating a variety of shaped balance springs. Its mastery of this regulating device – which improves timekeeping accuracy by neutralising the effect of gravity on a watch movement – was confirmed in 2009 when Jaeger-LeCoultre watches took first and second places in the International Chronometry Competition. Today, the expertise continues to expand, with the development of a series of new configurations, the most recent being in Calibre 847.



Uniting a flying tourbillon with the Duoface complication, this ultra-thin hand-wound movement comprises 254 components and measures just 3.9mm thick. To achieve this, Jaeger-LeCoultre's watchmakers had to completely rethink the tourbillon mechanism to reduce as much height as possible. As well as dispensing with the upper bridge, to which the balance wheel is normally fixed, they replaced the outer tourbillon cage with a ball-bearing system and attached the balance wheel to the centre of the tourbillon. Normally, the hairspring would be attached to the outer tourbillon cage; however, in the absence of such a cage, a new solution was required. Jaeger-LeCoultre invented (and has patented) a unique S-shaped balance spring; one end is attached to a fixed point at the centre of the tourbillon mechanism and the other end fixed to the balance wheel. The S-shape avoids the coils of the spring touching each other and makes the spring perfectly concentric to the tourbillon, which is essential for precision.

Comprising 62 components and weighing a mere 0,455 grams, this highly sophisticated tourbillon is eloquent testimony to the Manufacture's mastery of this regulating mechanism, as well as its status as one of the very few Manufactures to develop and produce its own hairsprings in-house.

The Duoface concept, a pillar of the Reverso collection since it was introduced in 1994, is a unique expression of the dual time zone complication, displaying local time on the front dial and home time on the reverse. The movement must turn the two sets of hands in opposite directions in order for them to move around their respective dials in the clockwise direction and display the correct time.

Adding to the mechanical elegance of the movement, all settings are controlled through the crown; this not only ensures simplicity of operation for the wearer but also preserves the aesthetic unity of the case.

### **Two Sides, Two Moods, Two Time Zones**

On the wrist, with the front dial visible, the Reverso Tribute Duoface Tourbillon has an elegant yet highly distinctive presence. Capturing the spirit of the early 1930s models, the pared-down aesthetic and signature details of the Reverso Tribute dial exude refinement; the faceted hour indexes are complemented by Dauphine hands and framed by a chemin de fer minute track.

These understated details, together with the subtle glow of the silver sunray-brushed front dial allow the tourbillon to take centre stage. The eye is drawn to its whirling motion, then travels all the way through its intricate structure to the back of the watch case. As the case turns over, it reveals the cradle, where a visually dramatic sunray pattern centres on a mirror-polished disc; the disc is precisely aligned with the tourbillon to reflect light back through the delicate mechanism.

The reverse dial of the watch projects an altogether bolder character, enhanced by partial skeletonisation and glorious decoration, including hand angling of the bridges, all executed in the Manufacture's Métiers Rares® workshop. The second time zone is indicated by golden hands and indexes on a black sunray-brushed dial, and above the dial, the night and day indicator features an exquisite starry night sky. Gold bridges, a reminder of the 1993 Reverso Tourbillon, are richly textured



with Clous de Paris guilloché, and blued screws provide a rich contrast with the gold. The guillochage on the bridges – a delicate and highly skilled operation executed on a 100-year-old hand-operated lathe – represents six hours of meticulous work.

### **Timeless Modernity and Deceptive Simplicity**

To enhance the elegance and wearability of the Reverso Tribute Duoface Tourbillon, its case is just 9.15 mm thick, despite the complexity of the movement. Its clean Art Deco lines and strong geometry lend the case an air of deceptive simplicity. In fact, it is one of the most complex cases in watchmaking, with more than 50 components including the patented slide-and-swivel mechanism that connects the case to its cradle.

With its distinctive rectangular case, the Reverso is acknowledged as an icon of 20<sup>th</sup>-century design and one of the world's most recognisable watches. The harmonious proportions of its case – closely adhering to the original design that was based on the golden ratio – look as modern today as when the Reverso first left the drawing board more than 90 years ago, a perfect foil for fascinating complications.

## **TECHNICAL CHARACTERISTICS**

### **REVERSO TRIBUTE DUOFACE TOURBILLON**

**Case:** Pink Gold 750/1000 (18 carats)

**Dimensions:** 45.5 X 27.4 mm; 9.15 mm thick

**Calibre:** Manually-wound mechanical movement, Jaeger-LeCoultre Calibe 847

**Functions:** Hours, minutes, second time zone, night & day, tourbillon

**Power reserve:** 38 hours

**Front dial:** Silver sunray-brushed

**Back dial:** Black sunray-brushed

**Water resistance:** 30m

**Strap:** Black alligator

**Reference:** Q392242J

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### **ABOUT THE GOLDEN RATIO**

Created in 1931 at the height of the Art Deco artistic movement, the original design of Reverso was governed by the Golden Ratio. A mystical number represented by the Greek letter  $\phi$  (Phi) and simplified as 1.618, the Golden Ratio is recognised as a universal signifier of beauty and harmony. In watchmaking, Jaeger-LeCoultre's Reverso expresses this principle with the utmost eloquence. While many variations of the Reverso case have been presented over the nine decades since then, the original proportions have remained as an anchor for the collection, and the Golden Ratio continues to define the Reverso's design today.