



INTRODUCING

MASTER GRANDE TRADITION TOURBILLON JUMPING DATE

REINTERPRETED FOR THE GRANDE TRADITION LINE:
A RESTRUCTURED MOVEMENT CREATES A NEW AESTHETIC

KEY FACTS:

- **High-precision calibre:** new movement architecture creating a fresh aesthetic for Calibre 978, which in 2009 won the first modern-era chronometry competition
- **Open-worked dial:** new design highlighting the tourbillon and the signature 'jumping' date mechanism
- **Sophisticated case:** capturing the Grande Tradition design codes in a 42 mm case comprising 60 components
- **Refined rounded-off bridges:** new tourbillon and 24-hour disc aesthetic, elevated by 18K White Gold (750/1000) bridges

With the new Master Grande Tradition Tourbillon Jumping Date, Jaeger-LeCoultre revisits one of its most notable tourbillon calibres. The precise and reliable Calibre 978 made its debut 20 years ago and three years later, in 2009, the Manufacture celebrated a remarkable achievement in timekeeping precision as this calibre won the first modern chronometry competition. With a restructured movement architecture, the latest iteration of Calibre 978 is presented in a new 42 mm 18K Pink Gold (750/1000) case complemented by a fresh dial design and refined High Watchmaking finishes – a lively and elegant homage to the calibre's illustrious past, issued in a limited edition of 100 pieces.

AN EXCEPTIONAL TOURBILLON CALIBRE IN PURSUIT OF PRECISION

Invented to enhance timekeeping precision by compensating for the effects of gravity on the regulating organ, the tourbillon has long been a field of dedicated research for Jaeger-LeCoultre, which created its first tourbillon movement in 1946. Since then, the Manufacture has continuously refined its approach to regulating organs, developing numerous technical innovations aimed at improving chronometric performance.

A chronometric distinction: A prime example of these advancements is the Calibre 978. In 2009, it won the first modern chronometry competition inspired by 19th-century observatory competitions – a demanding 45-day trial organised to mark the 50th anniversary of the International Museum of Horology in Le Locle, Switzerland. This trial, conducted by two independent official bodies, rigorously tested not only the precision of the watch's movements but also their reliability during wear, by notably including



resistance tests for shocks and magnetism. It unequivocally demonstrated both the validity of the tourbillon escapement's original purpose and the exceptional quality and precision of the Manufacture's craftsmanship.

An ultra-light regulating organ: The tourbillon of the Master Grande Tradition Tourbillon Jumping Date is made of 64 components and weighs less than 0,5 grams.

An intuitive jumping date mechanism: When first unveiled, Calibre 978 introduced, beyond its 60-second rotation tourbillon, a playful yet thoughtfully engineered "jumping" date mechanism, which remains integrated into this new watch. The dates are displayed around the periphery of the dial, with the 15 and 16 positioned on either side of the tourbillon aperture and separated by an angle of nearly 90 degrees. Starting at midnight on the 15th of each month, the date hand glides to the 16th to ensure that the tourbillon is not obscured from view.

An ingenious 24-hour disc: The Master Grande Tradition Tourbillon Jumping Date features a 24-hour disc that can be adjusted independently from the main hour and minute hands. This disc indicates day and night (AM/PM) when synchronized with the primary time display but can ingeniously also function as a second time zone indicator.

HIGH WATCHMAKING MOVEMENT FINISHING

As Jaeger-LeCoultre is constantly inventing, reinventing and improving on its own innovations, Calibre 978 is no longer precisely the same movement: it has been restructured in 305 components so that interesting elements can be seen through openings in the dial. The revised architecture is also complemented by more refined finishing.

This intricate finishing of components involves the expertise of 8 different workshops at the Manufacture to perform 10 types of decorations on the calibre among which perlage, bevelling, hand-bevelling, linear brushing, sunray brushing, Côtes de Genève, sandblasting and diamond polishing. Over 30 components are decorated by hand and 61 angles are hand-bevelled.

The two 18K White Gold (750/1000) upper bridges of the tourbillon and the 24-hour disc have been intricately polished to create a perfectly rounded half-moon profile using a High Watchmaking technique called *berçage* (rounding off), which necessitates the precise and skilful use of a burnishing file in a rocking motion. Viewed through the transparent sapphire case back, the bridges are decorated with sunray-style stripes – a Jaeger-LeCoultre signature finish known as Côtes de Genève *soleillé*. The radiating stripes perfectly complement the shape of the base plate, which showcases the classic tourbillon with its screw balance wheel and its decorated lower bridge. The design of the full-sized winding rotor has been carried over from the original Calibre 978, with a large cutaway in the finely finished, monobloc 22K Pink Gold (916/1000) oscillating weight that ensures a clear view of the tourbillon.



MECHANICAL CLARITY: A NEW DESIGN FOR FUNCTIONAL DISPLAY

The new Master Grande Tradition interpretation of Calibre 978 introduces a new dial aesthetic, open-worked to showcase major elements of the calibre, namely the tourbillon and the 24-hour disc, both held by White Gold bridges, as well as the jumping date mechanism. In addition to the large aperture for the tourbillon, the revisited movement architecture has made it possible to add a second cutaway at 9 o'clock that displays the calendar driver mechanism, which triggers the date hand's rapid glide, enabling the owner to observe its function. Another aperture reveals the structural screws that hold a wheel staff at 2 o'clock – a window into the mechanics that provides visual balance to the dial.

The dial is rich in detail and decoration: a barleycorn pattern on 18K Pink Gold (750/1000) dial creates texture and visual depth beneath layers of deep blue translucent enamel, providing a luxurious contrast with the 18K Pink Gold (750/1000) applied hour markers. A long pointer hand, tipped by the JL anchor in red, indicates the date, while a red arrow indicates the time on the 24-hour sub-dial.

Jaeger-LeCoultre has integrated Calibre 978 into a sophisticated new Pink Gold case that follows the Grande Tradition design codes, with multiple high-polished, brushed and micro-blasted finishes creating a captivating play of light over its 60 components. The elegant ensemble is completed by a classic black alligator leather strap with small-scale alligator lining and an 18K Pink Gold (750/1000) folding buckle.

With the Master Grande Tradition Tourbillon Jumping Date, Jaeger-LeCoultre honours the place of its eponymous movement in horological history, marrying proven precision to an elegant contemporary aesthetic.

TECHNICAL CHARACTERISTICS

MASTER GRANDE TRADITION TOURBILLON JUMPING DATE

Case: 18K Pink Gold (750/1000)

Dimensions: 42 x 12.5 mm

Calibre: Automatic Jaeger-LeCoultre Calibre 978

Functions: Hours, minutes, seconds (tourbillon subdial); jumping date; second time zone with 24-hour indicator; one-minute tourbillon

Power Reserve: 45 hours

Front dial: Blue enamel Barleycorn pattern

Back dial: Transparent

Water resistance: 5 bar

Strap: Black alligator leather with small-scale lining; 18K Pink Gold (750/1000) folding buckle

Reference: Q4202480

Limited edition of 100 pieces



ABOUT THE VALLEY OF INVENTIONS

Celebrating Jaeger-LeCoultre's origins in the Vallée de Joux, which remains its home to this day, The Valley of Inventions pays homage to an isolated valley where, 600 years ago, refugees from elsewhere in Europe found safe haven. The challenging environment and brutally cold winters required its early inhabitants to develop resilience, patience and inventiveness in order to survive. Ten generations later, in the early 19th century, a self-taught watchmaker, Antoine LeCoultre, began to invent machines that laid the foundations of modern watchmaking by enabling the measurement and cutting of watch components to an unprecedented degree of precision. From the first LeCoultre watchmaking atelier in 1833, this spirit of inventiveness and pursuit of precision have defined the Maison. A series of inventions and technical breakthroughs resulted in calibres that were sought after by many other leading names for use in their own watches, giving rise to the Maison's designation: The Watchmaker of Watchmakers™. Marked by the award of more than 430 patents to date, these ongoing inventions continue to nurture Jaeger-LeCoultre's pursuit of precision, guiding it to this day and into the future.

ABOUT JAEGER-LECOULTRE – THE WATCHMAKER OF WATCHMAKERS™

Since 1833, driven by an unquenchable thirst for innovation and creativity, and inspired by the peaceful natural surroundings of its home in the Vallée de Joux, Jaeger-LeCoultre has been distinguished by its mastery of complications and the precision of its mechanisms. Known as the Watchmaker of Watchmakers™, the Manufacture has expressed its relentlessly inventive spirit through the creation of more than 1,400 different calibres and the award of more than 430 patents. Harnessing over 190 years of accumulated expertise, La Grande Maison's watchmakers design, produce, finish and ornament the most advanced and precise mechanisms, blending passion with centuries-old savoir-faire, linking the past to the future, timeless but always up with the times. With 180 skills brought together under one roof, the Manufacture creates fine timepieces that combine technical ingenuity with aesthetic beauty and a distinctively understated sophistication.

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