

August 19th, 2026

Orient Star Launches New M45 F8 Mechanical Moon Phase Hand Winding, Expressing the Moon Drifting Through Clouds

Orient Star has launched a new M45 F8 Mechanical Moon Phase Hand Winding model from its Classic Collection M45 to commemorate its 75th anniversary. Featuring a distinct expression of the moon, this limited-edition model of 140 pieces weaves a new story unique to the moon phase complication within the M45 Collection—a series whose designs embody the eternal passage of time, inspired by the star cluster Pleiades, also known as Subaru in Japan.



On a starry night, it is the moon that stands out above all else. Ever since the launch of Mechanical Moon Phase in 2017, equipped with an in-house developed movement with moon phase complication, Orient Star has released numerous models that beautifully depict the passage of time through the moon. Using proprietary technology to explore new possibilities in watch expression is central to Orient Star's commitment to craftsmanship and innovation. The expression explored in this 75th anniversary M45 F8 Mechanical Moon Phase Hand-Winding model is “the moon drifting through clouds”. Inspired by moonlight glimpsed through slender clouds crossing a clear autumn sky, it evokes the serene and fleeting beauty of time's passage.

To express “the moon drifting through clouds” with precision, the dial is produced by the Shinshu Watch Studio using advanced proprietary technology in every detail. Simply composed of hour and minute hands, power reserve and moon phase displays, the dial features nanoparticle metal multilayering technology^{*1} to express the clouds spreading across its surface and stars shimmering from within. The variations in intensity and gradation of colour create a distinctive sense of depth and the shifting of light. This depiction of “the moon drifting through clouds” is further enhanced by a thick clear wrapping process lending depth to the expression of the night sky, Roman numerals rendered with a sense of dimensionality and shading through multiple layers of printing, and leaf-shaped hands with contrasting mirror and hairline finishes. Such designs, coupled with exceptional techniques that produce profound shadow and richly varied colour, are what define the charm of Orient Star.

New technologies are also incorporated in the newly constructed moon phase at 6 o'clock. The three-layered construction is composed of a lustrous metal plate adorned with scattered stars against the backdrop of a night sky, a mother-of-pearl moon motif plate, and a moon phase drive wheel, with the iridescence of the mother-of-pearl exquisitely portraying the moon's gentle radiance. By eliminating the boundary between the dial and moon phase display, the moon appears to blend naturally into the clouds of the night sky. The dual-curved sapphire crystal glass with anti-reflective coating on both sides (SAR coating) allows you to admire the scene reminiscent of a beautiful monochrome painting.

Along with the newly developed moon phase display, the movement features proprietary technology and meticulous attention to detail throughout. The new in-house calibre F8A62—a slim hand-winding movement with moon phase and power reserve displays—is equipped with an in-house silicon escape wheel and offers over 70 hours of power reserve. It also features several carefully considered design elements, such as a bridge shape that allows the blue escape wheel to be viewed, Geneva stripes evoking star trails, and a crescent-shaped window, which can all be viewed from the see-through caseback. For mechanical watch enthusiasts, the new movement offers a wealth of discoveries.

The high-quality stainless steel (SUS316L) case, measuring 39.5 mm in diameter and 11.9 mm in thickness, offers exceptional wearing comfort. It comes with a black cordovan leather strap colour-coordinated to match the tone of the dial. The see-through sapphire crystal caseback is engraved with the words “Orient Star 75th Anniversary” and limited-edition serial number.

*1 The granted patent related to nanoparticle metal multilayering technology: Japan: patent no. 7639981.



RE-BW0008B



■ The dial featuring nanoparticle metal multilayering technology to express the “the moon drifting through clouds”, and a moon phase wheel with white mother-of-pearl moon.



■ See-through caseback with Orient Star 75th Anniversary, limited edition and serial number engravings.

About M Collections (design collection)

M Collections draws on Greek mythology themes as well as nebulae and star clusters. While retaining the lineup of Classic, Contemporary and Sports, the M Collections offers higher quality timepieces not only for watch enthusiasts but also for those seeking finer things in life.

The Classic Collection M45 named after the Pleiades is composed with designs expressing the eternal flow of time and consists of universal iconic Orient Star models. The Contemporary Collection M34, inspired by the cluster of stars of Perseus, known for its annual Perseid meteor shower, is a collection with sharp, powerful, cutting-edge designs ahead of their time and consisting of models that can be worn for a wide range of occasions. Meanwhile, high performance divers' watches backed by advanced technology and history take centre stage in the Sports Collection M42, named after Orion, who is said to be the son of Poseidon, ancient

Greek god of the sea. This collection is characterised by functionality and wearing comfort, making it suited for active lifestyles.

About Orient Star

For 75 years since its establishment in 1951, Orient Star has embodied an unwavering spirit of exploration and a desire to create watches that are like shining stars. Drawing on traditional craftsmanship applied to mechanical watches, original designs, refined and elegant colour expressions, and in-house mechanical movements, Orient Star continues to deliver unique, made-in-Japan watches to the world.

Joy of Discovery – Orient Star unearths new discoveries in creativity, technology, and beauty.

A Short History

- 1951 Orient Star is created.
- 1957 Orient Star Dynamic* is launched with hour, minute, and second hands on the central axis of the watch.
- 1971 The 46 series movement is created, combining both practicality and high accuracy. This formed the base movement of the Orient Star and Orient brand for 50 years.
- 1991 Mon Bijou* is launched, a skeleton model of high-quality and aesthetic appeal.
- 1996 The power reserve indicator, now an iconic feature of the brand, is integrated into the design.
- 2017 Orient Watch Co. Ltd. merges with [Seiko Epson Corporation](#), a company with a strong watchmaking heritage and focus on precision engineering. Both organisations share a vision for innovation and high-quality design and craftsmanship creating a strong foundation for the future growth of Orient Star.
- 2017 Mechanical Moon Phase, a cosmic timekeeper is launched as a symbol of this new collaboration. This marks a new era of watchmaking for Orient Star brand.
- 2021 The Skeleton is launched mounted with an in-house developed silicon escape wheel for longer power reserve and beauty, incorporating design inspired by the vast universe.
- 2026 Orient Star celebrates its 75th anniversary. A limited edition M34 F8 Date with a meteorite dial is launched bringing the profound mysteries of the universe closer.

*Currently not for sale.

Discover more at our [website](#) and [social media channel](#).

— Product Specifications —

Collection	Classic Collection (M45)
Model name	M45 F8 Mechanical Moon Phase Hand Winding
Reference	RE-BW0008B
Movement	Hand winding mechanical in-house calibre F8A62
Power reserve	Over 70 hours
Accuracy	+15 seconds ~ -5 seconds per day
Case material	Stainless steel (SUS316L)
Case size	Height 46.7 mm / width 39.5 mm / thickness 11.9 mm
Caseback	Orient Star 75th Anniversary, limited edition and serial number engraving
Glass	Front: dual curved sapphire crystal (SAR coating), back: sapphire crystal
Strap	Cordovan leather strap (black) / trifold deployant buckle with push button / width 20 mm
Colour of dial	Black
Limited edition	140 pieces
Other features	Moon phase function (moon phase adjusting device attached), water resistance to 3 bar (30 m), power reserve indicator, second hand hacking, 20 jewels, see-through exhibition case back

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