

The ATUM Power Reserve – accentuated reduction

The Moritz Grossmann manufacture broadens the ATUM model family

Grossmann presents the ATUM Power Reserve, a combination of the ATUM model family with the calibre 100.2 movement. The power-reserve complication constitutes a prominent accent in the perfectly reduced overall appearance of the watch. Its crisply drawn minute scale and the delicately pointed, manually sculpted hands are reminiscent of 19th-century precision measuring instruments. At the same time, the two-colour bar-shaped display in the dial is a reminder that the ATUM Power Reserve is a modern manifestation of pure watchmaking artistry.

The calibre 100.2 movement embodies some of the manufacture's most prominent proprietary developments such as the Grossmann balance, the modified Glashütte stopwork, and the Grossman manual winder with pusher. The power-reserve indicator is controlled via a slender crown wheel differential gearing. Inspired by Glashütte observation watches, it connects the spring barrel and the ratchet wheel with the power-reserve display. Via a carrier arbor with a planetary wheel, it transfers the opposing rotary winding and unwinding motions to the power-reserve indicator. When the mainspring is fully wound, the bar is white. The red portion gradually appears as the spring winds down.

Versions

The ATUM Power Reserve comes in a rose gold and a white gold version, both with argenté dials.

Technical data:

Movement	Manufacture calibre 100.2, manually wound, adjusted in five positions
No. of parts	227
No. of jewels	26 jewels, 3 of which in screwed gold chatons
Escapement	Lever escapement
Oscillator	Shock-absorbed Grossmann balance with 4 inertia and 2 poising screws, Nivarox 1 balance spring with No. 80 Breguet terminal curve, Gerstenberger geometry
Balance	Diameter 14.2 mm, frequency 18,000 semi-oscillations per hour
Power reserve	42 hours when fully wound
Functions	Hours and minutes, subsidiary seconds with stop seconds, Grossmann winder with pusher, power-reserve indicator
Special features	Grossmann balance; lateral pusher for disabling the handsetting mode and starting the movement; bar-shaped power-reserve indicator with two-coloured display segment driven by a planetary gearing system; space saving and modified Glashütte stopwork with backlash; adjustment with Grossmann micrometer screw on a cantilevered balance cock; Pillar movement with 2/3 plate and frame pillars in untreated German silver, 2/3 plate, balance cock and escape-wheel cock hand-engraved; broad horizontal Glashütte ribbing, 3-band snailing on the ratchet wheel, raised gold chatons with pan-head screws; separately removable clutch winder; stop seconds for handsetting;
Operating elements	Crown in 750/000 gold to wind the watch and set the time, pusher in 750/000 gold to start the movement
Case dimensions	Diameter: 41.0 mm, height: 11.65 mm
Movement dimensions	Diameter: 36.4 mm, height: 5.4 mm
Case	Three-part, precious metal
Dial:	Solid silver, hour markers in solid gold
Hands	Hand-crafted, steel or stainless steel
Crystal/display back	Sapphire crystal, antireflection-coated on one side
Strap	Hand-stitched alligator strap with pin buckle in precious metal

Versions:

Reference	MG02.C-01-A000470
Case	750/000 rose gold
Dial	Argenté
Hands	Hand-crafted, steel annealed to a brown hue
Reference	MG02.C-02-000471
Case	750/000 white gold
Dial	Argenté
Hands	Hand-crafted, hour and minute polished stainless steel, seconds steel annealed to a brown hue

Moritz Grossmann Uhren:

Moritz Grossmann, born in Dresden in 1826, was deemed a visionary among Germany's great horologists. In 1854, his friend Ferdinand Adolph Lange persuaded the young, highly talented watchmaker to establish his own mechanical workshop in Glashütte. Apart from building a respected watchmaking business, Grossmann was committed to political and social causes. He established the German School of Watchmaking in 1878. Moritz Grossmann passed away unexpectedly in 1885, after which his manufacture was liquidated.

The spirit of Moritz Grossmann's horological traditions sprang back to life in 2008 when trained watchmaker Christine Hutter discovered the venerable Glashütte brand and had it re-registered. She developed concepts and was inspired by the vision of reviving Grossmann's legacy more than 120 years later with a particularly exquisite wristwatch. And she convinced private watch enthusiasts to support her in making this dream come true. On 11 November 2008, she incorporated Grossmann Uhren GmbH in Glashütte.

At Grossmann, gifted watchmakers are preserving traditions without copying historic timepieces. With innovation, superb craftsmanship, a combination of traditional and contemporary manufacturing methods as well as precious materials, they have created an "Origin of a new time" with their watches.

www.grossmann-uhren.com

For further information and high-resolution images, please contact:

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