



MARTIN FREI
Co-founder of URWERK
Artist and Chief designer

FELIX BAUMGARTNER
Co-founder of URWERK
Master watchmaker



**URWERK REVEALS THE INNERMOST PARTS
OF ITS *UR-150* "SCORPION"**



URWERK[®]
BY BAUMGARTNER + FREI



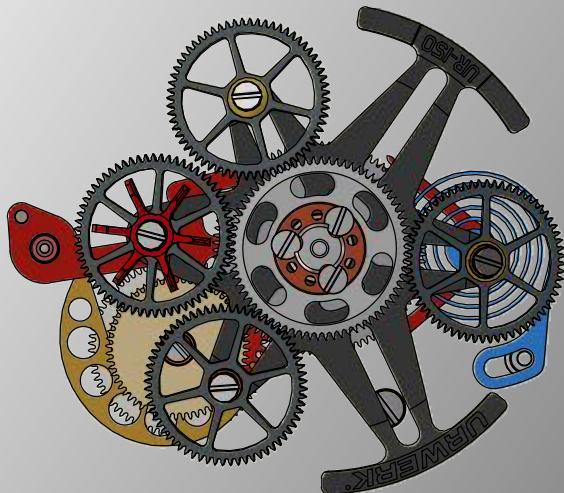
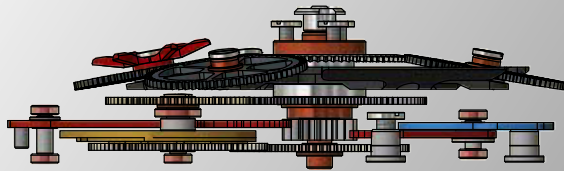
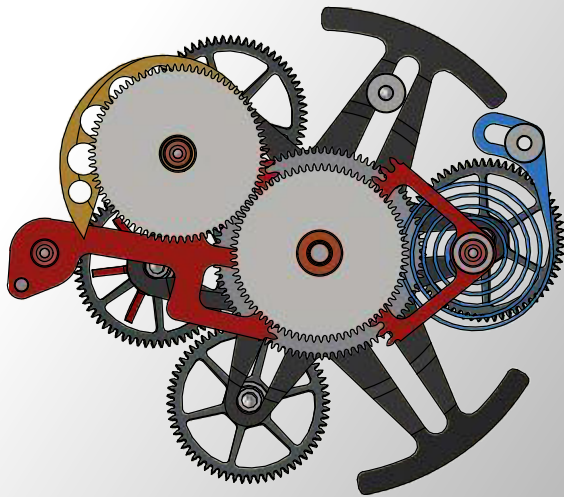
URWERK REVEALS THE INNERMOST PARTS OF ITS UR-150 "SCORPION"

GENEVA – APRIL 2025.

The new **UR-150 "Scorpion"** from **URWERK** pushes the boundaries of mechanical watchmaking even further by offering a unique kinetic sight. This latest **UR-150** reveals a flying carousel with three satellites as well as a particularly ambitious retrograde hand, staging a guaranteed mechanical show! **URWERK** proudly invites you to enjoy a backstage view of this performance, orchestrated to the nearest hundredth of a second. Beware the fierce mechanism as you plunge into the inner workings of the **UR-150 "Scorpion"** !

The dial of the **UR-150 "Scorpion"** is enlivened by lightning-fast flying and spinning elements. On the stroke of every 60th minute, the three hours satellites pivot on their axes – in perfect synchronicity with a retrograde hand that literally flies from the 60-minute index to its opposite extreme, 240° further along. This offers a veritable visual firework display, aptly described by **URWERK**'s master watchmaker and co-founder **Felix Baumgartner** as a "Perfect Storm." Behind the scenes of this show that plays out in a hundredth of a second are two mechanisms responding to and interacting with each other, exchanging a continuous flow of energy.





Let's first take a look at the new **URWERK**-style challenge: a flying carousel bearing three hours satellites and a flywheel with a speed-regulating governor identical to the one found on chiming mechanisms. All of which means wheel-mounted satellites – and not a Maltese cross in sight. Every hour, they spin 270° in the blink of an eye: *"We have pushed the limits of display complexity to offer exceptionally clear time readings. Each satellite is inclined at a 10° angle to face the wearer, thereby guaranteeing optimal readability. While this particular degree of inclination complicates the assembly of our going train, no effort is too great when it comes to striving for watchmaking excellence,"* says **Felix Baumgartner**.

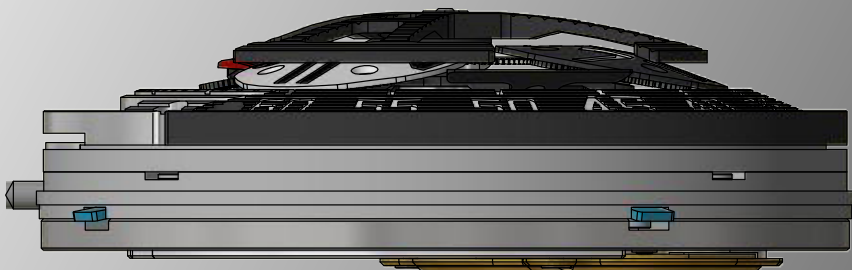
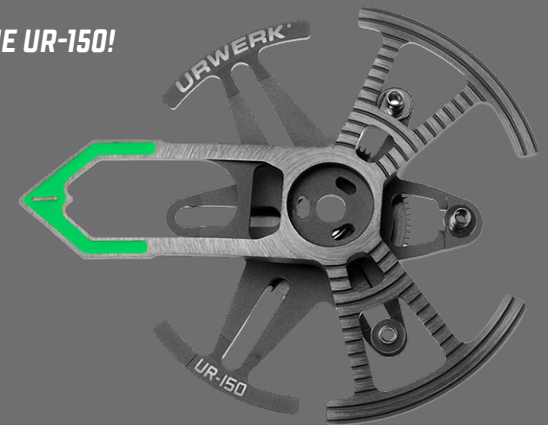
The carousel's revolution around the dial and the rotation of each satellite on its own axis place the active hours satellite in exactly the right place at the right time. It is then up to the flywheel with its speed-regulating governor to ensure the consistency and perfect harmony of this ballet where the weights being carried have never been so great, nor the mechanism's speed and inertia so extreme: *"It's a bit like a magic trick, through which the new hour appears: every 60 minutes, the following hour is reset in a dazzling rupture of the space-time continuum,"* explains **Martin Frei**, artistic director and co-founder of **URWERK**. *"All the cards in the deck of hours are shuffled and redealt in a hundredth of a second. The dial transforms before our eyes, so fast that it is barely perceptible to the naked eye. Just below the curved sapphire crystal, the mechanism seems almost within reach – and the scorpion's sting lurks in silence. Yet the markers dissolve and reorganise with each change of hour, escaping our perception by their sheer speed. Each time, there is a brief moment of uncertainty, a slight sense of unease, a silent tension that whispers: maybe this time, the right number won't appear... Yet, the magic happens – and the wonderment it stirs is reborn."*

THE UR-150 SCORPION



The other mechanical feat of the UR-150 “Scorpion” is the openworked retrograde hours hand that takes charge of the active hours satellite and “carries” it from minute 0 to 60 before flying 240° to find the next active hour. This mechanism is controlled by a cam and a toothed rack, a device notably found in chronograph movements and automaton. This mechanism serves a triple function: to mark out the entire path travelled by the retrograde hand; to generate and synchronise the various jumps performed by the different elements; as well as to multiply the influx of energy that will enable the satellites to rotate. In this way, one mechanism feeds the other in a closed loop: “The complexity of this creation is not so much measured in terms of the number of components as by the ingenuity we had to employ to ensure the smooth operation of a mechanism that is one of the most ambitious we have ever built in terms of moving parts, speed of execution and the precise consumption of the available energy. We leveraged all the available force in an extremely parsimonious manner and even found a way of multiplying it. We thus shaped the springs and gear trains in our workshops to guarantee optimal performance”, says Felix Baumgartner.

**YOU HAVE BEEN WARNED:
BEWARE THE FIERCE MECHANISM OF THE UR-150!**



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BY BAUMGARTNER + FREI

THE UR-150 SCORPION



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THE UR-150 SCORPION



THE UR-150 TECHNICAL SPECIFICATIONS

IN TWO VARIATIONS - TITAN AND DARK - OF 50 PIECES EACH.

MOVEMENT

Calibre	UR-50.01 with automatic winding system governed by a double turbine
Jewels	38
Frequency	28,800 vph - 4Hz
Power reserve	43 hours
Materials	Aluminium hour satellites on a brass carousel; aluminium retrograde hand
Finishes	Circular graining, sandblasting, shot-blasting, circular satin finishing Black polished finish screw heads Hours and minutes markers ; hour hand painted with Super-LumiNova®

Indications	Hour satellite ; minutes
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CASE

Material	Sandblasted and shot-blasted titanium and steel for the Titanium version Sandblasted and shot-blasted titanium and anthracite PVD-treated steel for the Dark version
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Dimensions	Width: 42.49mm x length: 52.31mm x thickness: 14.79mm
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Glass	Sapphire crystal
Water resistance	Screw-lock crown. Pressure tested at 5ATM (50m)
Strap	Adjustable rubber strap with deployant clasp

PRICE

Titan version	CHF 88,000 (Swiss francs / excl. tax)
Dark version	CHF 89,000 (Swiss francs / excl. Tax)

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ABOUT URWERK

*"We don't try to bring out new versions of existing grandes complications," explains watchmaker **Felix Baumgartner**, co-founder of **URWERK**. "Our watches are unique because they are all designed as original work. Our main aim is to go beyond the traditional horizons of watchmaking."*

The original styling of each **URWERK** model is signed by chief designer **Martin Frei**, the company's other co-founder. *"I come from a background where creativeness has no limits. I am in no way prisoner of the traditional constraints of watchmaking, and I can therefore be freely inspired by my cultural heritage."*

Although **URWERK** is a young company established in 1997, it is recognised as a pioneer among independent watchmakers. Producing just 150 watches a year, the company sees itself as a craftsman's studio where traditional expertise coexists with avant-garde styling. The company manufactures modern

and complex watches that are unprecedented and in keeping with the most demanding criteria of fine watchmaking: independent design and research, advanced materials and handcrafted finishes.

The name **URWERK** comes from the ancient city of Ur of the Chaldees in Mesopotamia, founded nearly 6,000 years ago where the Sumerian inhabitants first established units of time based on the shadows cast by its monuments. Ur in the German language also means primeval or original and Werk means an achievement or a mechanism. Thus, **URWERK** can be translated as an original movement — a tribute to generations of watchmakers whose work has resulted in what we know today as *Haute Horlogerie*, or superlative watchmaking.





M. Frei

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Master watchmaker

F. Baumgartner



THANK YOU!

MEDIA CONTACT

Ms YACINE SAR
press@urwerk.com
T +41 22 900 2027

WWW.URWERK.COM/PRESS



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