

# HALL OF CRAZY MACHINES

## ZEITWERK MINUTE REPEATER by A. LANGE & SÖHNE

The fabulous Zeitwerk Minute Repeater, introduced in 2015, is back in white gold with a blue dial, in a limited edition of 30. It is the only watch in the world to combine a digital hour (left) and minutes (right) display mechanism with jumping numerals, framing a small-seconds dial, with a minute repeater mechanism, the two hammers and all the gongs of which are visible on the dial. But that is not the only unusual thing about this watch: the minute repeater, which is activated by a pusher, not a slide, does not chime the customary quarter-hours, but marks every ten minutes with two chimes. For example, at 7:52, the hammer on the left chimes a low note for every completed hour, then five double chimes to indicate the completion of a period of ten minutes; after which the right-hand hammer sounds the minute units with two high notes.

It's a remarkable achievement - assembly alone takes several months.



**HOROLOGICAL MACHINE N°10  
"BULLDOG" by MB&F**

A round, stocky body in titanium or pink gold; two bulging "eyes" in aluminium displaying the time; two studded collars for winding the watch or setting the time; sturdy folding "paws", or lugs, to firmly enclose the wrist; huge, articulated jaws that open and close according to the power remaining in the mainspring barrel; and a large heart beating at a constant 2.5 Hz (18,000 vph).

**BUGATTI CHIRON TOURBILLON  
by Jacob & Co.**

It's a meeting of two brands for whom superlative and crazy machines are a way of life. How to reproduce the iconic 16-cylinder Bugatti engine in a timepiece? Jacob & Co. had a go. The result: one year of development, two turbochargers, 16 pistons and a 578-component flying tourbillon movement. The crowns, positioned at the bottom of the case, set in motion this engine on the wrist, under the massive sapphire crystal.

**QP À EQUATION by Greubel Forsey**

A chocolate-coloured dial and 5N red gold case form the new attire of this exceptional QP à Équation, which won an award at the GPHG in 2017. Its 15 complications, which include the equation of time, the solstices and equinoxes, are displayed on its two faces, and are all as easy to set as a simple perpetual calendar thanks to a "mobile coder" set at the heart of this patented Mechanical Computer.

