

# DE BETHUNE

L'ART HORLOGER AU XXI<sup>E</sup> SIÈCLE



## De Bethune receives the prize for the best watch of the year in the prestigious “Chronometry” category, for the DB25 Starry Varius Chronomètre Tourbillon.

**Geneva, November 9<sup>th</sup> 2018** – At the Grand Prix d’Horlogerie de Genève award ceremony that took place this evening at the Théâtre du Léman, De Bethune was immensely proud to receive the prestigious Chronometry Watch Prize for its new DB25 Starry Varius Chronomètre Tourbillon model.

In accepting the award, **Pierre Jacques, CEO and President De Bethune** said: *“We should all believe in our lucky star! Just a year after taking the brand in hand again with Denis Flageollet, it is a tremendous honour and joy for us to receive this prize in one of the key categories of the competition, which rewards technical excellence in our constant quest for precision.*

*This award gives us an enormous boost of confidence and confirms the soundness of our approach to the art of watchmaking: creating to inspire dreams, creating to innovate, producing less, but better; never resting on our laurels....*

*We are currently enjoying a wonderful new lease of life at De Bethune, with the support of all our watchmakers, our staff as a whole and our partners around the world. Our innovative and creative abilities have remained intact and are indeed stronger than ever (you will recall that De Bethune won the “Aiguille d’Or” Grand Prix in 2011 and the Best Chronograph Watch Prize in 2014). This Chronometry Watch Prize represents a magnificent encouragement and rewards the self-sacrifice and exceptional work of our thirty or so employees who have never ceased to believe in our lucky star. We wish to thank them all from the bottom of our hearts”.*

### A few features of the DB25 Starry Varius Chronomètre Tourbillon:

Gravity is one of the greatest enemies of mechanical watches. Based on the tourbillon that Abraham-Louis Breguet invented for his 18th century pocket watches, De Bethune has sought to optimise it on today’s wristwatches. The equation? To be more efficient on a wrist engaged in rapid and disordered movements, the tourbillon must have the highest possible frequency and fastest rotation speed. In creating a titanium and silicon tourbillon with a frequency of 36,000 vibrations/hour, an extraordinarily light carriage (0.18 grams, **the lightest ever created in the industry**) spinning on its axis every 30 seconds, comprising a total of 63 components (the lightest of which weighs less than 0.0001 grams!), this feat is easier to describe than to achieve.

The 42mm-diameter watch is equipped with the mechanical manual-winding DB2109V4 calibre, entirely designed, developed and produced within the De Bethune workshops in L’Auberson, Switzerland. **A jumping seconds display ensures precise read-off.** The state-of-the-art titanium balance-wheel with white gold inserts has been optimised for temperature changes and air penetration, regulated by means of the De Bethune balance-spring with its patented flat terminal curve which maintains a perfect centre of gravity.

The test report on the watch, measured in six positions, indicates the excellent results achieved by the model, with **0.00 sec. /day in all positions**. This confirms that combining the jumping seconds complication with the tourbillon has in no way been detrimental to the precision of this chronometer.

Finally, the famous De Bethune starry sky with its gold-studded blued titanium dial can be personalised in accordance with the customer's wishes (with a date and a geographical location). The traditional gold leaf method has been complemented by laser beam micro-milling to create a Milky Way effect.

## **DB25 Starry Varius Chronomètre Tourbillon**

### **Technical specifications**

Name: DB25 Starry Varius Chronomètre Tourbillon  
Reference: DB25STTIS3  
Functions: Hours, Minutes, jumping seconds, 30'' indicator via the ultra-light De Bethune tourbillon cage on case back  
Movement: DB2109V4  
Type: Mechanical manual-winding calibre  
Adjustment: Winding and setting the time by means of the crown (2 positions)

### **Technical features of calibre DB2109V4**

Number of parts: 260  
Jewelling: 43 jewels  
Diameter: 30 mm  
Power reserve: 4 days, ensured by a self-regulating twin barrel – *De Bethune Innovation (2004)*  
Specificities:

- Titanium balance wheel with white gold inserts, optimised for temperature differences and air penetration – *De Bethune Patent (2016)*
- "De Bethune" balance-spring with flat terminal curve – *De Bethune Patent (2006)*
- Silicon escape wheel
- Ultra-light De Bethune 30'' tourbillon in titanium – *De Bethune Innovation (2008)*
- De Bethune Dead Beat Second – *De Bethune Innovation (2011)*

Frequency: 36,000 vibrations per hour  
Adornment: Silver plate and barrel bridge cover polished  
Hand-snailed barrels  
Hand-polished, chamfered steel parts

### **Display**

Display: Hands in hand-polished steel  
Dial: De Bethune star-studded sky in blued and polished titanium with hand-fitted white gold pins depicting the stars  
Milky Way patterns produced by laser beam micro milling, gilded with 24-carat gold leaf  
Silver-toned hours and minutes ring

### **Case and strap**

Case material: Polished grade 5 titanium  
Case diameter: 42 mm  
Case thickness: 10, 3 mm  
Lugs: Integrated, hollowed lugs  
Crystal: In sapphire crystal (1800 Vickers hardness) with double anti-reflective coating  
Case back: Open back, De Bethune 30 '' silicon/titanium Tourbillon, 36,000 vph – central jumping seconds  
Sapphire crystal (1800 Vickers hardness) with double anti-reflective coating  
Water-resistance: 3 ATM  
Strap: Extra-supple alligator leather, alligator lining  
Buckle: Pin buckle in grade 5 titanium