

A. LANGE & SÖHNE  
GLASHÜTTE I/SA

COLLECTION BOOK 2020/2021



A. LANGE & SÖHNE  
GLASHÜTTE I/SA

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# ORIGIN AND VALUES

# THE ESTABLISHMENT OF PRECISION WATCHMAKING IN SAXONY.

On 7 December 1845, Ferdinand Adolph Lange transformed the dream of his own manufactory into reality by establishing the first production workshop for pocket watches. The fact that he chose, of all places, the secluded village of Glashütte for his venture is no coincidence. He wanted to offer a new perspective to the people there who had lost their livelihoods when mining was discontinued. And he was impressed by their great diligence, their skills in craftsmanship and their inventive spirit.

He hired 15 apprentices, trained them to become watchmakers, and encouraged them to specialise in certain fields such as the production of pinions, mainspring barrels and hands. In the years that followed, he tirelessly evolved the craft of watchmaking with his ideas. Among others, he introduced the metric system and the Glashütte lathe to watchmaking. After a development period of 20 years, F. A. Lange used the three-quarter plate for pocket watches from 1864 onward. It takes up a special position among

the numerous improvements that he unremittingly worked on. The plate with a larger surface replaces the many separate bridges that hold the wheel-train arbors and considerably improves movement stability. Today, the three-quarter plate is still a traditional key element in A. Lange & Söhne watches.

When F. A. Lange died in 1875, he bequeathed groundbreaking accomplishments and legendary timepieces to the world of precision watchmaking - and a flourishing business to his sons.



*Herzöge, Sachsen um 1800*

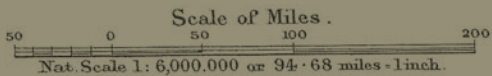


*N. N. Geogr. v. R. L. Leipzig*





Track of the German South Polar Expedition in open water  
 " " " " " " " " in drift ice  
 Principal Sledge expeditions  
 Track of the "Challenger" Expedition 1874.  
 " " " "Vincennes" 1840 (Wilkes)  
 Soundings in Fathoms



Donnerstag 1. Oktober

### Normaluhr.

Art.	Beobachtung.	Stand.	Gang.	Temp.	Korrig. Zeit.
Stahl	8 45 7	+39.83	+1.53	25.74	8 45 46.83
	22	+41			8 48 16.83
0	8 49 5	-48.17			8 50 26.83
	20	-42			8 53 31.83
0	8 51 15	-48.17			8 55 19.83
	30	-48.17			8 57 31.83
0	8 56 8	-48.17			12 58 28.48
	22	-48.17			8 58 41.83
0	8 58 20	-48.17			21 58 15.77
	30	-48.17			9 40 23.77
25	9 39 10	+1 13.72			9 43 10.77
	20	+1 14			9 10 56.83
25	9 41 57	+1 13.72			9 13 7.33
	10	+1 15			9 14 21.83
0	9 44 45	-48.17			
	60	-48.17			
0	9 13 55.5	-48.17			
	15	-48.17			
0	9 15 10	-48.17			
	29	-48.17			

### Vergleichsuhr.

Art.	Beobachtung.	Diff. geg. korr. Zeit.	Gang.	Temp.	Bemerkungen.
0	8 46 35	- 18.17	-0.27		
	50	- 47			
Ku	8 49 14	-1' 23.17	-1.27		
	59	-1' 26			
✓	8 49 34	+ 52.83	+0.73	27.6	
	49	+ 54			
u	7 47 40	+1' 8' 57.83	+1.27		
	50	+1' 8' 53			
95	8 54 25	+ 54.83	+0.73		
	40	+ 56			
B	8 57 32	- 5.17	+0.73		
	48	- 4			
25	9 37 2	+1 13.77	+3.86		
	22				
1333	9 39 45	+ 38.72	+1.36	27.8	
	55	+ 39			
1183	9 43 42	- 31.23	+0.76	29.5	
	55	- 30			
1330	9 9 53.5	+1 33.33	+1.23	17.5	
	8.5	+1 4.			
A	9 11 32	+1 35.33	+2.23		
	51	+1 36			
E	9 12 40	+1 41.83	+5.73		
	60	+1 43			

In the 19<sup>th</sup> century, an epoch of pioneers, researchers and explorers, many expeditions are launched in the quest for new geographical, biological and archaeological insights in places all over the world. The success of these often strenuous and bold ventures depends largely on the quality of the equipment. Precise and dependable timepieces from Saxony play a crucial role in these ventures.

Since the end of the 19<sup>th</sup> century, A. Lange & Söhne is a prominent purveyor of precision chronometers. Much of the credit for this reputation is due to Richard Lange, F. A. Lange's eldest son. His prodigious creativity results in 27 patents. The probably best-known invention relates to the rate-improving characteristics of an alloy with an admixture of beryllium as described in his patent application entitled "Metal Alloy for Watch Springs". To this very day, all over the world nearly all high-quality mechanical watches rely on this discovery.

## PRECISION CONQUERS THE WORLD.

With his scientific approach and enthusiasm for research, he expedites the development of precision watchmaking in Germany, contributing significantly to its international prestige with precise timepieces.

For example, six of the manufactory's instruments accompany natural scientist Erich von Drygalski on Germany's first expedition to the South Pole. The development of precision time-keeping instruments at Lange culminates with the "Large Observation Watch". In 1935, two of these timepieces are sold to the Zeppelin Yards in Friedrichshafen. They are indispensable for navigational computations and for calculating fuel reserves. Scientists at research institutes and universities also profess great interest, because the validity of their experiments hinges on the accuracy of their measurement results and thus also on the precision of the time-keeping instruments they use.





# THE BEGINNING OF A NEW ERA.

On 7 December 1990, after a wait of more than 40 years, a dream came true for Walter Lange: he incorporated the company anew and re-registered the A. Lange & Söhne brand – 145 years to the day, after his great-grandfather F. A. Lange had laid the cornerstone for German precision watchmaking in Glashütte.

Shortly after World War II, in 1948, the existing manufactory was nationalised. The world-famous name disappeared from watch dials – and A. Lange & Söhne became a legend.

After the fall of the Berlin Wall, Walter Lange seized the opportunity in 1990 to turn this legend back into reality. He immediately began to design and craft the first Lange watches of the new era. As his great-grandfather had done, he relied on the people of



Günter Blümlein



Glashütte and embraced his vision to build “the world’s finest watches”. The name A. Lange & Söhne was impressively brought back to mind in the horological community with the watch collection developed between 1990 and 1994. It consisted of the SAXONIA, the TOURBILLON “Pour le Mérite”, the ARKADE ladies’ watch – and the LANGE 1.

More than 25 years later, an exceptional and multi-faceted collection has grown from the first four Lange watches of the new era, and A. Lange & Söhne has established itself worldwide as one of the most exclusive watch brands. This would never have been possible without the pioneering spirit and guidance of Walter Lange, who passed away in 2017, and his horological partner Günter Blümlein.



Walter Lange



## COMMITTED TO TRADITION.

F. A. Lange's ambition to define benchmarks with the timepieces of his manufactory is still reflected in every single timepiece it crafts today. The three-quarter plate made of untreated German silver, the bearing jewels embedded in screwed gold chatons, the blued hands and screws, and the many artistic finishes and engravings are visible manifestations of what already made A. Lange & Söhne pocket watches so special in that era.

The ultimate degree of individuality of A. Lange & Söhne watches is attributable to the hand-engraved balance cock: it is endowed with a floral pattern inspired by historic motifs. Each one of them is inimitable, making every single watch one-of-a-kind – thanks to the signature of the respective master engraver.

As Walter Lange's great-grandfather F. A. Lange once did, the Lange manufactory still passionately hones the perfection of every single watch down to the last detail – from the design to the finissage of each part. This quest for perfection comes to the fore particularly clearly in a unique process: the two-fold assembly. Once the individual components have been assembled into a smoothly functioning movement in numerous procedures, a step follows that at first sight seems to be rather amazing: the movement is taken apart again. Because each movement must be a masterpiece not only functionally but in the visual sense as well, the components are not cleaned, oiled, polished and lavishly decorated until after having been assembled for the first time. The movement is then assembled a second, final time.







DREIUNDVIERZIG  
(43) RUBINE

Nº 10995

MADE IN GERMANY

A. LANGE & SÖHNE

Au 750

CO

L 19



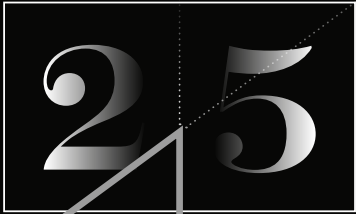
# UNMISTAKABLY A. LANGE & SÖHNE: THE 2020 DEBUTS.

A manufactory that develops and produces all movements in-house has an inestimable advantage: it has much greater latitude in designing its dials. Thus, our engineers can custom-develop a movement to accommodate the positions of the hand arbors and displays.

The LANGE 1, the manufactory's flagship model, is an example of innovative timepiece design and traditional movement architecture. With its off-centre displays and the extraordinary outsize date, it wrote horological history. During the past years, it not only became a timeless classic – it also marked the beginning of an extensive watch family. The LANGE 1 TIME ZONE, part of this family since 2005, is now presented in a new edition endowed with a new movement and an additional display, the indication of daylight-saving time.

The Lange ZEITWERK watch family is just as distinctive. It owes its exceptional design to an element located in the centre of the dial: the time bridge. It constitutes the stage for the digital jumping numerals display and is simultaneously part of the movement. The technically most sophisticated model of this watch family, the ZEITWERK MINUTE REPEATER, is now also available in white gold.

The youngest A. Lange & Söhne watch family in the sporty-elegant watch category, the ODYSSEUS – launched in 2019 – welcomes a new sibling, too. It is now also available in white gold with a leather or rubber strap.



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LANGE 1 TIME ZONE



ZEITWERK MINUTE REPEATER



ODYSSEUS

FR

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THE LEGEND AMONG LANGE TIMEPIECES

LANGE 1





MADE IN GERMANY

MIDWAY

GANGRESERVE

ANCHOR



# THE LANGE 1 WATCH FAMILY

## The epitome of an A. Lange & Söhne watch.

The LANGE 1 embodies the knowledge and skills of an entire watchmaking dynasty that was established in Dresden in the early 19<sup>th</sup> century. Its probably most prominent feature, the outsize date, was inspired by the Five-Minute Clock in the Dresden Semper Opera. Hence, the LANGE 1 is inseparably linked with the culture and history of Saxony. It even wrote a chapter of horological history on its own. Its bold asymmetric dial configuration, the innovative outsize date display and the newly developed, manually finished movement caused a stir, inspiring more courage and creativity in the entire watchmaking industry.

The timepiece owes its existence to one man who, even during the division of Germany, never abandoned the dream that someday, exquisite watches would again be crafted and signed A. Lange & Söhne: Walter Lange, Ferdinand Adolph Lange's great-grandson. He established the new manufactory immediately after Germany was reunited. His ambition was clear: the first Lange watch of the new era should live up to the legendary quality of A. Lange & Söhne pocket watches and at the same time define new benchmarks.

The LANGE 1 is based on a unique watch concept. It combines traditional elements of Saxon watchmaking artistry such as the three-quarter plate, screwed gold chatons and a screw balance with trailblazing innovations such as the off-centre dial design and the outsize date. Since its launch more than 25 years ago, it not only became a timeless classic – it also marked the beginning of an extensive watch family, encompassing models with additional functions and exceptional complications. Frequently, the particular dial configuration necessitated unconventional design solutions for the movements. One example is the LANGE 1 TOURBILLON PERPETUAL CALENDAR. In view of the multitude of indications, its month display is based on a peripheral, instantaneously switching ring powered by an elaborate, innovative mechanism.





A. LANGE & SÖHNE  
GLASHÜTTE 1/SA

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AUF

AB

IN GERMANY

DERHAUS



# LANGE 1

Reference 191.032



**Case** 18-carat pink gold  
**Dial** Solid silver, argenté  
**Hands** Pink gold

Reference 191.021



**Case** 18-carat yellow gold  
**Dial** Solid silver, champagne  
**Hands** Yellow gold

Reference 191.039



**Case** 18-carat white gold  
**Dial** Solid silver, argenté, hour/power-reserve  
markers luminous  
**Hands** Rhodiumed gold, hours, minutes,  
power reserve luminous



**Functions** Off-centre time indication. Subsidiary seconds dial with stop seconds. Instantaneously advancing outside date. UP/DOWN power-reserve indicator, 72 hours power reserve.

**Case** Diameter 38.5 mm. Height 9.8 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold appliques and crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold buckle.

**Calibre L121.1** Manually wound, twin mainspring barrel. 368 parts, 43 jewels (8 of which in screwed gold chatons).

**Movement dimensions** Diameter 30.6 mm. Height 5.7 mm.

Discover more about this model on our website.

LITTLE LANGE 1

Reference 181.037



Case 18-carat pink gold  
Dial Solid gold, brown, guilloché  
Hands Pink gold

Reference 181.038



Case 18-carat white gold  
Dial Solid gold, grey, guilloché  
Hands Rhodiumed gold

Reference 181.039



Boutique edition  
Case 18-carat white gold  
Dial Solid gold, purple, guilloché  
Hands Rhodiumed gold  
Edition 100 in white gold

Reference 181.837



Boutique edition  
Case 18-carat pink gold  
56 brilliant-cut diamonds, approx. 1.4 carats  
Dial Solid gold, brown, guilloché  
Hands Pink gold

Reference 181.838



Boutique edition  
Case 18-carat white gold  
56 brilliant-cut diamonds, approx. 1.4 carats  
Dial Solid gold, grey, guilloché  
Hands Rhodiumed gold

Reference 181.839



Boutique edition  
Case 18-carat white gold  
56 brilliant-cut diamonds, approx. 1.4 carats  
Dial Solid gold, purple, guilloché  
Hands Rhodiumed gold  
Edition 100 in white gold



**Functions** Off-centre time indication. Subsidiary seconds dial with stop seconds. Instantaneously advancing outsize date. UP/DOWN power-reserve indicator, 72 hours power reserve.

**Case** Diameter 36.8 mm. Height 9.5 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold appliques and crown. Leather strap. Strap width at the case/buckle 19/16 mm. Solid-gold buckle.

**Calibre L121.1** Manually wound, twin mainspring barrel. 368 parts, 43 jewels (8 of which in screwed gold chatons).

**Movement dimensions** Diameter 30.6 mm. Height 5.7 mm.

Discover more about this model on our website.



# GRAND LANGE 1

Reference 117.025



**Case** Platinum  
**Dial** Solid silver, rhodié  
**Hands** Rhodiumed gold

Reference 117.032



**Case** 18-carat pink gold  
**Dial** Solid silver, argenté  
**Hands** Pink gold

Reference 117.028



**Case** 18-carat white gold  
**Dial** Solid silver, black, hour/power-reserve markers luminous  
**Hands** Rhodiumed gold, hours, minutes, power reserve luminous





**Functions** Off-centre time indication. Subsidiary seconds dial with stop seconds. Outsize date. UP/DOWN power-reserve indicator, 72 hours power reserve.

**Case** Diameter 41.0 mm. Height 8.8 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold appliques and crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold or solid-platinum buckle.

**Calibre** L095.1 Manually wound. 397 parts, 42 jewels (7 of which in screwed gold chatons).

**Movement dimensions** Diameter 34.1 mm. Height 4.7 mm.

Discover more about this model on our website.

# GRAND LANGE 1 MOON PHASE

Reference 139.025



Case Platinum  
Dial Solid silver, rhodié  
Hands Rhodiumed gold

Reference 139.032



Case 18-carat pink gold  
Dial Solid silver, argenté  
Hands Pink gold



**Functions** Off-centre time indication. Subsidiary seconds dial with stop seconds. Moon-phase display. Outsize date. UP/DOWN power-reserve indicator, 72 hours power reserve.

**Case** Diameter 41.0 mm. Height 9.5 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold lunar disc, appliques and crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold or solid-platinum buckle.

**Calibre** L095.3 Manually wound. 446 parts, 45 jewels (7 of which in screwed gold chatons). Solid-gold lunar disc.

**Movement dimensions** Diameter 34.1 mm. Height 4.7 mm.

Discover more about this model on our website.

# LANGE 1 DAYMATIC

Reference 320.032

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**Case** 18-carat pink gold  
**Dial** Solid silver, argenté  
**Hands** Pink gold



**Functions** Off-centre time indication. Subsidiary seconds dial with stop seconds. Outsize date. Retrograde day-of-week display. 50 hours power reserve.

**Case** Diameter 39.5 mm. Height 10.4 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold appliques and crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold buckle.

**Calibre L021.1** Self-winding mechanism. Central rotor with shock-absorbing suspension, central element in 21-carat gold, centrifugal mass in platinum. 426 parts, 67 jewels (7 of which in screwed gold chatons).

**Movement dimensions** Diameter 31.6 mm. Height 6.1 mm.

Discover more about this model on our website.



# LANGE 1 MOON PHASE

Reference 192.025



**Case** Platinum  
**Dial** Solid silver, rhodié  
**Hands** Rhodiumed gold

Reference 192.032



**Case** 18-carat pink gold  
**Dial** Solid silver, argenté  
**Hands** Pink gold

Reference 192.029



**Case** 18-carat white gold  
**Dial** Solid silver, black  
**Hands** Rhodiumed gold



**Functions** Off-centre time indication. Subsidiary seconds dial with stop seconds. Moon-phase display with integrated day/night indicator. Instantaneously advancing outsize date. UP/DOWN power-reserve indicator, 72 hours power reserve.

**Case** Diameter 38.5 mm. Height 10.2 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold moon segment, celestial disc, appliques and crown. Hour and power-reserve markers as well as hour, minute and power-reserve hands luminous. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold or solid-platinum buckle.

**Calibre L121.3** Manually wound, twin mainspring barrel. 438 parts, 47 jewels (8 of which in screwed gold chatons). Solid-gold moon segment and celestial disc.

**Movement dimensions** Diameter 30.6 mm. Height 5.7 mm.

Discover more about this model on our website.

# LITTLE LANGE 1 MOON PHASE

Reference 182.030



**Case** 18-carat pink gold  
**Dial** Solid gold, argenté, guilloché  
**Hands** Pink gold

Reference 182.830



**Case** 18-carat pink gold  
56 brilliant-cut diamonds, approx. 1.4 carats  
**Dial** Solid gold, argenté, guilloché  
**Hands** Pink gold





**Functions** Off-centre time indication. Subsidiary seconds dial with stop seconds. Moon-phase display. Instantaneously advancing outsize date. UP/DOWN power-reserve indicator, 72 hours power reserve.

**Case** Diameter 36.8 mm. Height 9.5 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold lunar disc, appliques and crown. Leather strap. Strap width at the case/buckle 19/16 mm. Solid-gold buckle.

**Calibre L121.2** Manually wound, twin mainspring barrel. 411 parts, 44 jewels (8 of which in screwed gold chatons). Solid-gold lunar disc.

**Movement dimensions** Diameter 30.6 mm. Height 5.7 mm.

Discover more about this model on our website.

# LANGE 1 TIME ZONE

Wearing the time of the world on your wrist.

The LANGE 1 TIME ZONE is designed for people who work and communicate in a globally connected world. It shows home time and the time in a second zone at a single glance. Each of the 24 time zones is represented by a city name on the city ring. The city ring and the zone time can be simultaneously advanced in increments, corresponding to an eastbound trip around the world.

In the new LANGE 1 TIME ZONE, the day/night indicators for home and zone time have been shifted to the centres of the two time circles. Together with the hour hand, they inform the user whether the time indication applies to the first or second half of the day. The new indication of daylight-saving time in the gold applied arrow marker offers an additional time parameter: if a red segment appears, the selected city implements daylight-saving time. The manufacture calibre L141.1, that assures the precise rate of the watch, is new as well. The LANGE 1 TIME ZONE is available in 18-carat pink or white gold as well as in a limited edition of 100 watches in yellow gold.

Reference 136.032



Case 18-carat pink gold  
Dial Solid silver, argenté  
Hands Pink gold

Reference 136.021



Boutique edition  
Case 18-carat yellow gold  
Dial Solid silver, champagne  
Hands Yellow gold  
Edition 100 in yellow gold

Reference 136.029



Case 18-carat white gold  
Dial Solid silver, black  
Hands Rhodiumed gold



**Functions** Home time in hours, minutes and seconds coupled with outsize date. Zone time in hours and minutes with city ring and indication of daylight-saving time. Separate day/night indicators for home and zone time. Subsidiary seconds dial with stop seconds. UP/DOWN power-reserve indicator, 72 hours power reserve.

**Case** Diameter 41.9 mm. Height 10.9 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold appliques and crown. Hand-stitched leather strap. Strap width at the case/buckle: 22/18 mm. Solid-gold buckle.

**Calibre L141.1** Manually wound. 448 parts, 38 jewels (3 of which in screwed gold chatons).

The wheel train that drives the zone-time indication is visibly positioned above the three-quarter plate.

**Movement dimensions** Diameter 34.1 mm. Height 6.7 mm.

Discover more about this model on our website.

# LANGE 1 TOURBILLON PERPETUAL CALENDAR

Reference 720.038

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**Case** 18-carat white gold  
**Dial** Solid silver, grey  
**Hands** Rhodiumed gold





**Functions** Off-centre time indication for hours and minutes. Subsidiary seconds dial. One-minute tourbillon with patented stop seconds. Perpetual calendar with outside date, retrograde day-of-week display, month ring, and leap-year display. Moon-phase display. Day/night indicator. 50 hours power reserve.

**Case** Diameter 41.9 mm. Height 12.2 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold lunar disc, appliques and crown. Hand-stitched leather strap. Strap width at the case/buckle 22/18 mm. Solid-gold deployant buckle.

**Calibre L082.1** Self-winding mechanism. Central rotor with shock-absorbing suspension, central element in 21-carat gold, centrifugal mass in platinum. 624 parts, 75 jewels and 1 diamond endstone (6 of which in screwed gold chatons). Solid-gold lunar disc.

**Movement dimensions** Diameter 34.1 mm. Height 7.8 mm.

Discover more about this model on our website.



THE NEW ERA OF THE MECHANICAL WATCH

ZEITWERK









# THE ZEITWERK WATCH FAMILY

## Digital display – thanks to exquisite mechanical prowess.

When they developed the ZEITWERK, Lange's engineers questioned everything – except the mechanical transmission. The result is a digital-display watch that no doubt ranks among the most progressive timepieces of our epoch. Its trailblazing concept with mechanically driven, precisely jumping numerals is unparalleled in watchmaking and appeals even to individuals who could not imagine that they would ever wear a "digital timepiece".

The ZEITWERK is the first mechanical wristwatch that displays hours and minutes with jumping numerals. Its innovative concept stands out with an inimitable design. The time bridge is one of the most prominent design elements of its dial. It is part of the movement and constitutes the stage for all time indications. The apertures for the hours and minutes are arranged from left to right; the numerals are large and crisply legible. With its ingenious digital display concept, the ZEITWERK clearly sets itself apart in the plethora of analogue mechanical watches, establishing a category of its own.

In the past, the concept of the mechanical digital watch was implemented on several occasions but never in a reliable manifestation. Lange's engineers overcame the design challenges with a jumping numerals mechanism consisting of three discs. The tremendous force needed to advance the discs is delivered by a patented mainspring barrel, and the precise timing is controlled by the patented mechanism of the constant-force escapement.

Some of this energy is used to power the different striking mechanisms in three ZEITWERK models. All strikework configurations feature two gong hammers that are easily visible beneath the two numeral apertures, and two gongs.



# ZEITWERK

Reference 140.032



**Case** 18-carat pink gold  
**Dial** Solid silver, argenté  
**Time bridge** Untreated German silver  
**Hands** Pink gold

Reference 140.029



**Case** 18-carat white gold  
**Dial** Solid silver, black  
**Time bridge** Rhodiumed German silver  
**Hands** Rhodiumed gold





**Functions** Hours and minutes in a jumping numerals display. Subsidiary seconds dial with stop seconds. UP/DOWN power-reserve indicator, 36 hours power reserve.

**Case** Diameter 41.9 mm. Height 12.6 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold crown. Hand-stitched leather strap. Strap width at the case/buckle 20/18 mm. Solid-gold buckle.

**Calibre L043.1** Manually wound, constant-force escapement. 415 parts, 68 jewels (2 of which in screwed gold chatons).

**Movement dimensions** Diameter 33.6 mm. Height 9.3 mm.

Discover more about this model on our website.

# ZEITWERK DATE

Reference 148.038



**Case** 18-carat white gold  
**Dial** Solid silver, grey  
**Time bridge** Rhodiumed German silver  
**Hands** Rhodiumed gold



**Functions** Hours and minutes in a jumping numerals display. Subsidiary seconds dial with stop seconds. Precisely switching ring-date display. UP/DOWN power-reserve indicator, 72 hours power reserve.

**Case** Diameter 44.2 mm. Height 12.3 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold crown. Hand-stitched leather strap. Strap width at the case/buckle 21/18 mm. Solid-gold buckle.

**Calibre L043.8** Manually wound, constant-force escapement. 516 parts, 70 jewels (2 of which in screwed gold chatons).

**Movement dimensions** Diameter 37.0 mm. Height 8.9 mm.

Discover more about this model on our website.



# ZEITWERK STRIKING TIME

Reference 145.032



**Case** 18-carat pink gold  
**Dial** Solid silver, argenté  
**Time bridge** Untreated German silver  
**Hands** Pink gold

Reference 145.029



**Case** 18-carat white gold  
**Dial** Solid silver, black  
**Time bridge** Rhodiumed German silver  
**Hands** Rhodiumed gold



**Functions** Hours and minutes in a jumping numerals display. A visibly configured striking mechanism chimes the quarter-hours and the full hours. Subsidiary seconds dial with stop seconds. UP/DOWN power-reserve indicator, 36 hours power reserve.

**Case** Diameter 44.2 mm. Height 13.1 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold crown. Hand-stitched leather strap. Strap width at the case/buckle 21/18 mm. Solid-gold buckle.

**Calibre** L043.2 Manually wound, constant-force escapement. 528 parts, 78 jewels (2 of which in screwed gold chatons).

**Movement dimensions** Diameter 36.0 mm. Height 10.0 mm.

Discover more about this model on our website.

# ZEITWERK MINUTE REPEATER

Reference 147.025	Reference 147.028	Debut 2020
		
<p><b>Case</b> Platinum</p> <p><b>Dial</b> Solid silver, rhodié</p> <p><b>Time bridge</b> Black-rhodiumed German silver</p> <p><b>Hands</b> Rhodiumed gold</p>	<p><b>Boutique edition</b></p> <p><b>Case</b> 18-carat white gold</p> <p><b>Dial</b> Solid silver, deep-blue</p> <p><b>Time bridge</b> Rhodiumed German silver</p> <p><b>Hands</b> Rhodiumed gold</p> <p><b>Edition</b> 30 in white gold</p>	





**Functions** Hours and minutes in a jumping numerals display. Decimal minute repeater. Subsidiary seconds dial with stop seconds. UP/DOWN power-reserve indicator, 36 hours power reserve.

**Case** Diameter 44.2 mm. Height 14.1 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold crown. Hand-stitched leather strap. Strap width at the case/buckle 21/18 mm. Solid-gold or solid-platinum deployant buckle.

**Calibre L043.5** Manually wound, constant-force escapement. 771 parts, 93 jewels (3 of which in screwed gold chatons).

**Movement dimensions** Diameter 37.7 mm. Height 10.9 mm.

Discover more about this model on our website.

# SAXONIA

MECHANICAL VIRTUOSITY





GLASHÜTTE PERPETUAL  
FOUR MILLION

MON TUE WED THU FRI SAT  
10 30



30 25 20 15 10 5  
NOV | JAN | MAR | MAY | JUL | SEP

GLASHÜTTE I/SA

MADE IN GERMANY





# THE SAXONIA WATCH FAMILY

## The beauty of mechanical perfection.

Micromechanical ingenuity is the priority in the SAXONIA watch family – regardless of whether for a model with the basic functions or for a particularly complicated one. The focus in development and design is always on finding the best conceivable – which means technically optimised and aesthetically perfect – mechanical solution.

With its name, the SAXONIA refers to the state of Saxony, which within Germany has consistently been the vanguard of technical progress. For instance, the first German steam locomotive, named Saxonia, was built here in 1839. A few years later, Saxon native Ferdinand Adolph Lange set benchmarks as well. His quest for perfection and the continuous improvement of mechanical designs are still cornerstones of our philosophy today. The models of this watch family reflect this passion.

The models of the SAXONIA watch family are characterised by a lucid and balanced design vocabulary – entirely without fancy frills. This puristic interpretation also extends to the movements. The issue is not to incorporate as many parts as possible or to maximise complexity. The exact opposite is true. What counts is the mechanical essence. This particular approach not only inspires extraordinary mechanisms, it also culminates in elegant, timeless designs.

During the development of the movements, Lange's engineers are repeatedly confronted with design challenges. In many instances, this results in totally new and innovative mechanisms such as the world's first flyback chronograph with a three-fold rattrapante function featured in the 2018 debut, the TRIPLE SPLIT. What is equally important is the emphasis on optimising known, existing solutions. Even the mechanisms of comparatively simple watches dedicated to the display of hours, minutes and seconds are consistently refined. The SAXONIA THIN, for example, was developed in keeping with this spirit; it is the thinnest A. Lange & Söhne watch so far.

SAXONIA

Reference 219.032



**Case** 18-carat pink gold  
**Dial** Solid silver, argenté  
**Hands** Pink gold

Reference 219.026



**Case** 18-carat white gold  
**Dial** Solid silver, argenté  
**Hands** Rhodiumed gold

Reference 219.043



**Case** 18-carat pink gold  
**Dial** Solid silver, white, faced with natural mother-of-pearl  
**Hands** Pink gold

Reference 219.047



**Case** 18-carat white gold  
**Dial** Solid silver, white, faced with natural mother-of-pearl  
**Hands** Rhodiumed gold





**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. 45 hours power reserve.

**Case** Diameter 35.0 mm. Height 7.3 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold appliques and crown. Hand-stitched (with the exception of ref. 219.043 and 219.047) leather strap. Strap width at the case/buckle 18/16 mm. Solid-gold buckle.

**Calibre L941.1** Manually wound. 164 parts, 21 jewels (4 of which in screwed gold chatons).

**Movement dimensions** Diameter 25.6 mm. Height 3.2 mm.

Discover more about this model on our website.

# SAXONIA AUTOMATIC

Reference 380.033



**Case** 18-carat pink gold  
**Dial** Solid silver, argenté  
**Hands** Pink gold

Reference 380.027



**Case** 18-carat white gold  
**Dial** Solid silver, argenté  
**Hands** Rhodiumed gold

Reference 380.042



**Case** 18-carat pink gold  
**Dial** Solid silver, terra-brown  
**Hands** Pink gold

Reference 380.044



**Case** 18-carat white gold  
**Dial** Solid silver, terra-brown  
**Hands** Rhodiumed gold



**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. 72 hours power reserve.

**Case** Diameter 38.5 mm. Height 7.8 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold appliques and crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold buckle.

**Calibre L086.1** Self-winding mechanism. Central rotor with shock-absorbing suspension, centrifugal mass in platinum. 209 parts, 31 jewels.

**Movement dimensions** Diameter 30.4 mm. Height 3.7 mm.

Discover more about this model on our website.



# SAXONIA OUTSIZE DATE

Reference 381.031



**Case** 18-carat pink gold  
**Dial** Solid silver, black  
**Hands** Pink gold

Reference 381.029



**Case** 18-carat white gold  
**Dial** Solid silver, black  
**Hands** Rhodiumed gold



**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. Outsize date. 72 hours power reserve.

**Case** Diameter 38.5 mm. Height 9.6 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold appliques and crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold buckle.

**Calibre L086.8** Self-winding mechanism. Central rotor with shock-absorbing suspension, centrifugal mass in platinum. 286 parts, 40 jewels.

**Movement dimensions** Diameter 30.4 mm. Height 5.2 mm.

Discover more about this model on our website.

SAXONIA THIN

Reference 201.033



**Case** 18-carat pink gold  
Diameter 37.0 mm, height 5.9 mm  
**Dial** Solid silver, argenté  
**Hands** Pink gold

Reference 201.027



**Case** 18-carat white gold  
Diameter 37.0 mm, height 5.9 mm  
**Dial** Solid silver, argenté  
**Hands** Rhodiumed gold

Reference 205.086



**Case** 18-carat white gold  
Diameter 39.0 mm, height 6.2 mm  
**Dial** Solid silver, copper-blue, faced with goldstone  
**Hands** White gold





**Functions** Hours and minutes. 72 hours power reserve.

**Case** Diameter 37.0 mm and 39.0 mm. Height 5.9 mm and 6.2 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold appliques and crown. Handstitched (except ref. 205) leather strap. Strap width at the case/buckle 19/16 mm (ref. 201) and 20/16 mm (ref. 205). Solid-gold buckle.

**Calibre L093.1** Manually wound. 167 parts, 21 jewels (3 of which in screwed gold chatons).

**Movement dimensions** Diameter 28.0 mm. Height 2.9 mm.

Discover more about this model on our website.

# SAXONIA MOON PHASE

Reference 384.031



Case 18-carat pink gold  
Dial Solid silver, black  
Hands Pink gold

Reference 384.032



Case 18-carat pink gold  
Dial Solid silver, argenté  
Hands Pink gold

Reference 384.026



Case 18-carat white gold  
Dial Solid silver, argenté  
Hands Rhodiumed gold

Reference 384.029



Case 18-carat white gold  
Dial Solid silver, black  
Hands Rhodiumed gold



**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. Moon-phase display. Outsize date. 72 hours power reserve.

**Case** Diameter 40.0 mm. Height 9.8 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold lunar disc, appliques and crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold buckle.

**Calibre L086.5** Self-winding mechanism. Central rotor with shock-absorbing suspension, centrifugal mass in platinum. 325 parts, 40 jewels. Solid-gold lunar disc.

**Movement dimensions** Diameter 30.4 mm. Height 5.2 mm.

Discover more about this model on our website.



# SAXONIA ANNUAL CALENDAR

Reference 330.025	Reference 330.032	Reference 330.026
		
<p><b>Case</b> Platinum <b>Dial</b> Solid silver, rhodié <b>Hands</b> Rhodiumed gold and blued steel</p>	<p><b>Case</b> 18-carat pink gold <b>Dial</b> Solid silver, argenté <b>Hands</b> Pink gold and blued steel</p>	<p><b>Case</b> 18-carat white gold <b>Dial</b> Solid silver, argenté <b>Hands</b> Blued steel</p>



**Functions** Hours, minutes and subsidiary seconds dial. Patented ZERO-RESET mechanism.  
Annual calendar with outsize date, day of week and month. Moon-phase display. 46 hours power reserve.  
**Case** Diameter 38.5 mm. Height 9.8 mm.  
**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold lunar disc, appliques and crown.  
Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold or solid-platinum buckle.

**Calibre L085.1 SAX-0-MAT** Self-winding mechanism with bidirectional three-quarter rotor, central element in 21-carat gold, centrifugal mass in platinum. 476 parts, 43 jewels. Solid-gold lunar disc.  
**Movement dimensions** Diameter 30.4 mm. Height 5.4 mm.

Discover more about this model on our website.

# LANGEMATIK PERPETUAL HONEYGOLD

Reference 310.050



**Case** 18-carat honey gold  
**Dial** Solid silver, argenté  
**Hands** Honey gold  
**Edition** 100 in honey gold





**Functions** Hours, minutes and subsidiary seconds dial. Patented ZERO-RESET mechanism. Perpetual calendar with outsize date, day of week, month, and leap-year display. Moon-phase display. 24-hour display with day/night indicator. 46 hours power reserve.

**Case** Diameter 38.5 mm. Height 10.2 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid honey-gold lunar disc, appliques and crown. Hour, minute, day-of-week, and month hands luminous. Hour markers luminous. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid honey-gold buckle.

**Calibre L922.1 SAX-0-MAT** Self-winding mechanism with bidirectional three-quarter rotor, central element in 21-carat gold, centrifugal mass in platinum. 478 parts, 43 jewels. Solid honey-gold lunar disc.

**Movement dimensions** Diameter 30.4 mm. Height 5.7 mm.

Discover more about this model on our website.

# DATOGRAPH UP/DOWN

Reference 405.035



**Case** Platinum  
**Dial** Solid silver, black/argenté  
**Hands** Rhodiumed gold and blued/rhodiumed steel

Reference 405.031



**Case** 18-carat pink gold  
**Dial** Solid silver, black/argenté  
**Hands** Pink gold and blued steel



**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. Chronograph with flyback and precisely jumping minute counter. Outsize date. Tachometer scale. UP/DOWN power-reserve indicator, 60 hours power reserve.

**Case** Diameter 41.0 mm. Height 13.1 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold appliques and crown. Hour and minute hands luminous. Hour markers at 3, 6, 9 and 12 o'clock luminous. Hand-stitched leather strap. Strap width at the case/buckle 20/18 mm. Solid-gold or solid-platinum buckle.

**Calibre L951.6** Manually wound. 451 parts, 46 jewels (4 of which in screwed gold chatons).

**Movement dimensions** Diameter 30.6 mm. Height 7.9 mm.

Discover more about this model on our website.



# DATOGRAPH PERPETUAL

Reference 410.038

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**Case** 18-carat white gold  
**Dial** Solid silver, grey/rhodié  
**Hands** Rhodiumed gold and blued steel



**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. Chronograph with flyback and precisely jumping minute counter. Perpetual calendar with outside date, day of week, month, and leap-year display. Moon-phase display. Day/night indicator. Tachometer scale. 36 hours power reserve.

**Case** Diameter 41.0 mm. Height 13.5 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold lunar disc, appliques and crown. Hour and minute hands luminous. Hour markers at 3, 6, 9 and 12 o'clock luminous. Hand-stitched leather strap. Strap width at the case/buckle 20/18 mm. Solid-gold buckle.

**Calibre L952.1** Manually wound. 556 parts, 45 jewels (4 of which in screwed gold chatons). Solid-gold lunar disc.

**Movement dimensions** Diameter 32.0 mm. Height 8.0 mm.

Discover more about this model on our website.

# DATOGRAPH PERPETUAL TOURBILLON

Reference 740.036

Reference 740.056



**Case** Platinum  
**Dial** Solid silver, black  
**Hands** Rhodiumed gold and rhodiumed steel  
**Edition** 100 in platinum



**Case** 18 carat white gold  
**Dial** Solid pink gold  
**Hands** Rhodiumed white gold and blued steel  
**Edition** 100 in white gold





**Functions** Hours and minutes. Subsidiary seconds dial. One-minute tourbillon with patented stop seconds. Chronograph with flyback and precisely jumping minute counter. Perpetual calendar with outside date, day of week, month, and leap-year display. Moon-phase display. Day/night indicator. Tachometer scale. UP/DOWN power-reserve indicator, 50 hours power reserve.

**Case** Diameter 41.5 mm. Height 14.6 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold lunar disc, appliques and crown. Hour and minute hands luminous. Hour markers at 3, 6, 9 and 12 o'clock luminous. Hand-stitched leather strap. Strap width at the case/buckle 20/18 mm. Solid-gold or solid-platinum deployant buckle.

**Calibre L952.2** Manually wound. 729 parts, 58 jewels and 1 diamond endstone (5 of which in screwed gold chatons). Solid-gold lunar disc.

**Movement dimensions** Diameter 32.6 mm. Height 9.0 mm.

Discover more about this model on our website.

# LANGE 31

Reference 130.039



**Case** 18-carat white gold  
**Dial** Solid silver, grey  
**Hands** Rhodiumed gold  
**Edition** 100 in white gold



**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. Outsize date. Power-reserve indicator, 31 days power reserve.

**Case** Diameter 45.9 mm. Height 15.9 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold appliques and crown. Hand-stitched leather strap. Strap width at the case/buckle 22/18 mm. Solid-gold deployant buckle.

**Calibre L034.1** Key-operated winding works, twin mainspring barrel and constant-force escapement. 406 parts, 62 jewels (3 of which in screwed gold chatons).

**Movement dimensions** Diameter 37.3 mm. Height 9.6 mm.

Discover more about this model on our website.



# TRIPLE SPLIT

Reference 424.038



**Case** 18-carat white gold  
**Dial** Solid silver, grey/argenté  
**Hands** Rhodiumed gold and blued steel  
**Edition** 100 in white gold



**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. Flyback chronograph with triple rattrapante (seconds/minutes/hours) and precisely jumping chrono and rattrapante minute counter. Tachometer scale. UP/DOWN power-reserve indicator, 55 hours power reserve.

**Case** Diameter 43.2 mm. Height 15.6 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold appliques and crown. Hour and minute hands luminous. Hour markers at 3, 6, 9 and 12 o'clock luminous. Hand-stitched leather strap. Strap width at the case/buckle 22/18 mm. Solid-gold deployant buckle.

**Calibre L132.1** Manually wound. 567 parts, 46 jewels (5 of which in screwed gold chatons).

**Movement dimensions** Diameter 30.6 mm. Height 9.4 mm.

Discover more about this model on our website.

IN THE TRADITION OF F. A. LANGE

# 1815







A. LANGE & SÖHNE  
GLASHÜTTE I.

AUF

AB

MADE IN

GERMANY

# THE 1815 WATCH FAMILY

## Perfection with a personality.

A. Lange & Söhne's 1815 is rooted in an eventful period of history. Its name refers to the birth year of the founder of German precision watchmaking in Glashütte: Ferdinand Adolph Lange. His horological ideals come to the fore in this watch, making it a time-keeping instrument that expresses his modesty, his meticulous approach and his quest for perfection. The 1815 combines a watchmaking tradition that dates far back into the 19<sup>th</sup> century with contemporary technical know-how, creating a work of art of sleek perfection.

The classic dial architecture is richly detailed and recalls many of the design elements of earlier Lange pocket watches. They include easily legible Arabic numerals, blued-steel hands and the recessed central segment. But the probably most prominent design feature of the 1815 is the peripheral railway-track minute scale. The watch thus builds a visible bridge into the era of nascent rail travel, at a time when pocket watches became ever more important, and when F. A. Lange founded his manufactory in Glashütte.

A glance through the sapphire-crystal caseback further reveals the character of the 1815 models. The meticulously finished, precisely running movement is, in many instances, endowed with classically designed complications. Apart from the large three-quarter plate made of untreated German silver that enhances the stability of the movement, it features details inspired by historic Lange pocket watches, such as the hand-engraved balance cock, the traditional screw balance, or the gold chatons secured with thermally blued screws.









1815

Reference 235.032



Case 18-carat pink gold  
Dial Solid silver, argenté  
Hands Blued steel

Reference 235.026



Case 18-carat white gold  
Dial Solid silver, argenté  
Hands Blued steel



**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. 55 hours power reserve.

**Case** Diameter 38.5 mm. Height 8.8 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold buckle.

**Calibre L051.1** Manually wound. 188 parts, 23 jewels (5 of which in screwed gold chatons).

**Movement dimensions** Diameter 30.6 mm. Height 4.6 mm.

Discover more about this model on our website.

1815 UP/DOWN

Reference 234.032



Case 18-carat pink gold  
Dial Solid silver, argenté  
Hands Blued steel

Reference 234.026



Case 18-carat white gold  
Dial Solid silver, argenté  
Hands Blued steel





**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. UP/DOWN power-reserve indicator, 72 hours power reserve.

**Case** Diameter 39.0 mm. Height 8.7 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold buckle.

**Calibre** L051.2 Manually wound. 245 parts, 29 jewels (7 of which in screwed gold chatons).

**Movement dimensions** Diameter 30.6 mm. Height 4.6 mm.

Discover more about this model on our website.

# 1815 ANNUAL CALENDAR

Reference 238.032



**Case** 18-carat pink gold  
**Dial** Solid silver, argenté  
**Hands** Pink gold and blued steel

Reference 238.026



**Case** 18-carat white gold  
**Dial** Solid silver, argenté  
**Hands** Rhodiumed gold and blued steel



**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. Annual calendar with date, day of week and month. Moon-phase display. 72 hours power reserve.

**Case** Diameter 40.0 mm. Height 10.1 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold lunar disc and crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold buckle.

**Calibre** L051.3 Manually wound. 345 parts, 26 jewels (3 of which in screwed gold chatons). Solid-gold lunar disc.

**Movement dimensions** Diameter 30.6 mm. Height 5.7 mm.

Discover more about this model on our website.



# 1815 CHRONOGRAPH

Reference 414.031



Case 18-carat pink gold  
Dial Solid silver, black  
Hands Pink gold and gold-plated steel

Reference 414.032



Case 18-carat pink gold  
Dial Solid silver, argenté  
Hands Blued steel

Reference 414.028



Case 18-carat white gold  
Dial Solid silver, black  
Hands Rhodiumed gold and rhodiumed steel

Reference 414.026



Boutique edition  
Case 18-carat white gold  
Dial Solid silver, argenté  
Hands Rhodiumed gold and blued steel



**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. Chronograph with flyback and precisely jumping minute counter. Scale for pulse rate measurements. 60 hours power reserve.

**Case** Diameter 39.5 mm. Height 11.0 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold buckle.

**Calibre** L951.5 Manually wound. 306 parts, 34 jewels (4 of which in screwed gold chatons).

**Movement dimensions** Diameter 30.6 mm. Height 6.1 mm.

Discover more about this model on our website.

# 1815 TOURBILLON

Reference 730.079



**Case** Platinum  
**Dial** Copper, white enamelled  
**Hands** Blued steel  
**Edition** 100 in platinum

Reference 730.032



**Case** 18-carat pink gold  
**Dial** Solid silver, argenté  
**Hands** Blued steel





**Functions** Hours, minutes and subsidiary seconds dial. One-minute tourbillon with patented stop seconds and patented ZERO-RESET mechanism. 72 hours power reserve.

**Case** Diameter 39.5 mm. Height 11.1 mm (ref. 730.032) and 11.3 mm (ref. 730.079).

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold or solid-platinum deployant buckle.

**Calibre L102.1** Manually wound. 262 parts, 20 jewels and 1 diamond endstone (4 of which in screwed gold chatons).

**Movement dimensions** Diameter 32.6 mm. Height 6.6 mm.

Discover more about this model on our website.

# 1815 RATTRAPANTE PERPETUAL CALENDAR

Reference 421.025



**Case** Platinum  
**Dial** Solid silver, argenté  
**Hands** Rhodiumed gold, blued steel  
and gold-plated steel

Reference 421.032



**Case** 18-carat pink gold  
**Dial** Solid silver, argenté  
**Hands** Pink gold, blued steel  
and gold-plated steel



**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. Rattrapante chronograph with minute counter. Perpetual calendar with date, day of week, month, and leap-year display. Moon-phase display. UP/DOWN power-reserve indicator, 42 hours power reserve.

**Case** Diameter 41.9 mm. Height 14.7 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold lunar disc and crown. Hand-stitched leather strap. Strap width at the case/buckle 20/18 mm. Solid-gold or solid-platinum deployant buckle.

**Calibre** L101.1 Manually wound. 631 parts, 43 jewels (4 of which in screwed gold chatons). Solid-gold lunar disc.

**Movement dimensions** Diameter 32.6 mm. Height 9.1 mm.

Discover more about this model on our website.



# TOURBOGRAPH PERPETUAL “Pour le Mérite”

Reference 706.025



**Case** Platinum  
**Dial** Solid silver, argenté  
**Hands** Rhodiumed gold, blued steel  
and gold-plated steel  
**Edition** 50 in platinum



**Functions** Hours and minutes. One-minute tourbillon. Rattrapante chronograph with minute counter. Perpetual calendar with date, day of week, month, and leap-year display. Moon-phase display. 36 hours power reserve.

**Case** Diameter 43.0 mm. Height 16.6 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold lunar disc and crown. Hand-stitched leather strap. Strap width at the case/buckle 22/18 mm. Solid-platinum deployant buckle.

**Calibre L133.1** Manually wound, fusée-and-chain transmission. 684 parts, including the chain which consists of 636 parts. 52 jewels and 2 diamond endstones (6 of which in screwed gold chatons). Solid-gold lunar disc.

**Movement dimensions** Diameter 32.0 mm. Height 10.9 mm.

Discover more about this model on our website.



MADE IN GERMANY





# RICHARD LANGE

THE FINE OBSERVATION WATCH







# THE RICHARD LANGE WATCH FAMILY

## The rediscovery of precision.

The RICHARD LANGE watch family continues the tradition of scientific observation watches at A. Lange & Söhne. Because of their superior rate accuracy, excellent legibility and ruggedness, they were indispensable precision instruments for many explorers and researchers in the 18<sup>th</sup> and 19<sup>th</sup> centuries.

With its name, the watch family pays tribute to a horological pioneer: Richard Lange, Ferdinand Adolph Lange's first-born son. He was probably the most inventive member of the Lange watchmaking dynasty and a prominent scientist in his own right. With numerous discoveries and patents, he decisively inspired the refinement of precision watchmaking.

Among others, the models of the RICHARD LANGE watch family owe their precision to the proprietary balance springs that are manufactured in-house. Their production ranks among the most complex processes in precision horology. The RICHARD LANGE watch family also includes other precision-enhancing mechanisms such as the constant-force escapement, the one-minute tourbillon or the fusée-and-chain transmission.

Two dial designs can be distinguished in the RICHARD LANGE watch family: the dial of the RICHARD LANGE features a classic minute scale and slender Roman appliques, reinterpreting the design of the A. Lange & Söhne Large Observation Watch from the 1930s. It was indispensable for navigational computations and for calculating fuel reserves on board the Zeppelins, for instance. With the RICHARD LANGE TOURBILLON "Pour le Mérite", the typical regulator-style dial was introduced in 2011. It is characterized by the separate arrangement of hours, minutes and seconds in triangular fashion and was inspired by precision chronometers crafted by Johann Heinrich Seyffert in the 18<sup>th</sup> century. One of his watches accompanied Alexander von Humboldt on his voyage to Latin America. Its precise reading of time helped Humboldt calculate the coordinates of his locations and perform many scientific measurements.





# RICHARD LANGE

Reference 232.032



**Case** 18-carat pink gold  
**Dial** Solid silver, argenté  
**Hands** Pink gold and blued steel

Reference 232.026



**Boutique edition**  
**Case** 18-carat white gold  
**Dial** Solid silver, argenté  
**Hands** Blued steel



**Functions** Hours and minutes. Sweep seconds with stop seconds. 38 hours power reserve.

**Case** Diameter 40.5 mm. Height 10.5 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold buckle.

**Calibre** L041.2 Manually wound. 199 parts, 26 jewels (2 of which in screwed gold chatons).

**Movement dimensions** Diameter 30.6 mm. Height 6.0 mm.

Discover more about this model on our website.

# RICHARD LANGE JUMPING SECONDS

Reference 252.029

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**Case** 18-carat white gold  
**Dial** Solid silver, black  
**Hands** White gold and rhodiumed steel





**Functions** Regulator dial with large jumping seconds, subsidiary minutes and subsidiary hours. Patented ZERO-RESET mechanism. End-of-power indication. 42 hours power reserve.

**Case** Diameter 39.9 mm. Height 10.6 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold crown. Hand-stitched leather strap. Strap width at the case/buckle 20/16 mm. Solid-gold buckle.

**Calibre L094.1** Manually wound, one-second constant-force escapement. 390 parts, 50 jewels (8 of which in screwed gold chatons).

**Movement dimensions** Diameter 33.6 mm. Height 6.0 mm.

Discover more about this model on our website.

# RICHARD LANGE TOURBILLON “Pour le Mérite”

Reference 760.032



Case 18-carat pink gold  
Dial Solid silver, argenté  
Hands Pink gold

Reference 760.026



Boutique edition  
Case 18-carat white gold  
Dial Solid silver, argenté  
Hands Blued steel



**Functions** Regulator dial with large minutes. Subsidiary hours with pivoting dial segment and subsidiary seconds connected with the one-minute tourbillon and stop seconds. 36 hours power reserve.

**Case** Diameter 41.9 mm. Height 12.2 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold crown. Hand-stitched leather strap. Strap width at the case/buckle 22/18 mm. Solid-gold deployant buckle.

**Calibre L072.1** Manually wound, fusée-and-chain transmission. 352 parts, including the chain which consists of 636 parts. 31 jewels and 1 diamond endstone (4 of which in screwed gold chatons).

**Movement dimensions** Diameter 33.6 mm. Height 7.6 mm.

Discover more about this model on our website.



# RICHARD LANGE PERPETUAL CALENDAR “Terraluna”

Reference 180.032



Case 18-carat pink gold  
Dial Solid silver, argenté  
Hands Pink gold

Reference 180.026



Case 18-carat white gold  
Dial Solid silver, argenté  
Hands Blued steel



**Functions** Regulator dial with large minutes, subsidiary hours, and subsidiary seconds dial with stop seconds. Perpetual calendar with outsize date, day of week, month, and leap-year display. Patented orbital moon-phase display with day/night indicator for the northern hemisphere. Power-reserve indicator, 14 days power reserve.

**Case** Diameter 45.5 mm. Height 16.5 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold lunar, earth, and celestial disc. Solid-gold applied arrow marker and crown. Hand-stitched leather strap. Strap width at the case/buckle 22/18 mm. Solid-gold deployant buckle.

**Calibre L096.1** Manually wound, twin mainspring barrel and constant-force escapement. 787 parts, 80 jewels (2 of which in screwed gold chatons). Solid-gold lunar, earth, and celestial disc.

**Movement dimensions** Diameter 37.3 mm. Height 11.1 mm.

Discover more about this model on our website.

# ODYSSEUS

IN A LEAGUE OF ITS OWN







# THE ODYSSEUS WATCH FAMILY

## Fine watchmaking artistry meets sporty elegance.

At A. Lange & Söhne, the ODYSSEUS is the latest watch family intended for active users. Thanks to the screw-down crown, the screwed caseback and sealed buttons, the case has comparatively high water resistance and is protected against extraneous factors. The inimitable design of the watch echoes traditional brand elements and reinterprets them. Brushed surfaces and chamfered edges as well as tapered buttons enhance the prominence of the three-part case. The interaction of various surface textures and different levels plays out on the dial as well.

In the sporty-elegant watch category, the totally new self-winding movement with a large-format date and day-of-week display as well as the degree of artisanal perfection are unprecedented. Even those parts that are concealed in the movement are lavishly finished. Additionally, the movement is assembled twice to ensure the highest standard of quality.

The L155.1 DATOMATIC custom manufacture calibre developed for the ODYSSEUS has a diameter of 32.9 millimetres. The black-rhodiumed central rotor with its centrifugal mass in platinum bears the embossed signature DATOMATIC – it stands for the combination of a date mechanism and automatic winding. To guarantee high rate accuracy regardless of external factors, the newly developed balance operates at a frequency of 28,800 semi-oscillations per hour (4 hertz). Typical traditional A. Lange & Söhne hallmarks include plates and bridges made of German silver, blued screws and a screwed gold chaton.







ODYSSEUS

Reference 363.179	Reference 363.038	Debut 2020	Reference 363.068	Debut 2020
				
<p><b>Case</b> Stainless steel</p> <p><b>Dial</b> Brass, dark-blue</p> <p><b>Hands</b> White gold</p> <p><b>Strap</b> Stainless steel</p>	<p><b>Case</b> 18-carat white gold</p> <p><b>Dial</b> Brass, grey, partially embossed with a groove structure</p> <p><b>Hands</b> White gold</p> <p><b>Strap</b> Leather, dark-brown (with grey seam)</p>		<p><b>Case</b> 18-carat white gold</p> <p><b>Dial</b> Brass, grey, partially embossed with a groove structure</p> <p><b>Hands</b> White gold</p> <p><b>Strap</b> Rubber, black</p>	



**Functions** Hours and minutes. Subsidiary seconds dial with stop seconds. Outsize date. Day-of-week display. 50 hours power reserve.

**Case** Diameter 40.5 mm. Height 11.1 mm.

**Features** Antireflective sapphire-crystal glass and caseback. Solid-gold appliques and crown. Hour and minute hands as well as hour markers luminous. Stainless-steel, leather (handstitched) or rubber strap. Strap width at the case/buckle 26/19 mm. Stainless-steel deployant buckle (ref. 363.179) and solid-gold prong buckle (ref. 363.038 and 363.068).

**Calibre L155.1 DATOMATIC** Self-winding mechanism with central rotor, centrifugal mass in platinum. 312 parts, 31 jewels (1 of which in a screwed gold chaton). Hand-engraved balance bridge.

**Movement dimensions** Diameter 32.9 mm. Height 6.2 mm.

Discover more about this model on our website.

# Imprint

## Art credit

The following artwork has been published courtesy of the owner:

1) Fig. page 8: “Map showing the track & explorations of the German South Polar Expedition, 1902–3, Royal Geographical Society 1904”.

Source: Leibniz Institute for Regional Geography, Geography Archive, estate of Erich von Drygalski.

2) Fig. page 8: “German South Polar Expedition, “Gauss” watch comparisons I, 8 August –7 November 1901”.

Source: Leibniz Institute for Regional Geography, Geography Archive, estate of Erich von Drygalski, 79/1.

3) Fig. page 8/9: “In the tent, during one of the spring sledging journeys 1902; from left to right: Müller, Vanhöffen, Gazert, Bidlingmaier, Drygalski”.

Source: Leibniz Institute for Regional Geography, Geography Archive, estate of Erich von Drygalski, Dry5821.

## Fineness

In the carat system, the quality – or fineness – of precious metals is expressed in carat (karat is the preferred spelling in the USA). The European system, based on one thousand weight units, is also commonplace. The two systems correlate as follows:

18-carat gold is equivalent to 750/000 gold,

21-carat gold is equivalent to 875/000 gold,

and platinum is 950/000 platinum.

There is a simple technical reason for the absence of pure gold and pure platinum in horology: both metals are too “soft” for the production of watch and movement components. Gold and platinum are alloyed with other metals to significantly increase their hardness. The different hues of pink, white and honey gold are also achieved by alloying.

## Bearing jewels

The reference to “Rubine” on the plates of Lange movements applies to friction-reducing, wear-resistant functional jewels consisting of synthetically produced ruby for bearings, switching and detent elements and the escapement. Because of the greater homogeneity of the crystalline structure as opposed to natural ruby with otherwise virtually identical physical and chemical properties, the use of synthetic ruby is very commonplace in watchmaking today. The English equivalent of the German term “Rubine” is jewels.

## Diamonds

At A. Lange & Söhne, we have subjected all our purchases of diamonds to the System of Warranties since the scheme was introduced in January 2003. We request a Statement of Warranty to be formalised on every diamond-related invoice we receive. Lange engages in long-term relationships with suppliers who share our values.

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Edition 2020

Technical data and availability of models  
subject to change.

Made in Germany





A. LANGE & SÖHNE

GLASHÜTTE I/SA