



ERWIN SATTLER
MÜNCHEN

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DEAR CUSTOMER,

Erwin Sattler timepieces range from those with a classical appearance to those with modern restraint, while always having an elegant look. The timepieces therefore tastefully blend in with any interior style. In this catalogue, we invite you to leaf through and explore the wonderful world of Erwin Sattler timepieces. With the gentle sound of their ticking and rhythmic swing of their pendulums, our clocks have a special ability to infuse any room with an unparalleled feeling of well-being. These timepieces are sure to become highly valued companions as well as long-lasting heirlooms that can be passed down with pride from generation to generation.

In our manufacture in Gräfelfing near Munich, Germany, we wholeheartedly focus on preserving and continuing the very best of 400 years of clock-making tradition. Together with our highly qualified staff, we develop and create magnificent clocks which combine a timeless design with top quality and the very latest technology – and we have been doing this for over 50 years.

Our company founder, Erwin Sattler, laid the foundation stone for our success with his wife Viola in 1958. We are indebted to them for their unwavering faith, which has enabled us to grow and develop into the clock manufacturer we are today. The company is still family owned and built on the reputation of the „Made in Germany“ seal of quality. We take great pride in this.

With best wishes from Munich,

S. Sattler-Rick

Yours, Stephanie Sattler-Rick

Richard Müller

Yours, Richard Müller



Information about the Maxima Secunda illustrated here is available on page 114.



I feel privileged to be responsible for overseeing the creation of such a complicated timepiece.

Markus Glögler
Master clockmaker

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CLASSIC TIMEPIECES

Fuelled by determination and imagination, the small family-run company Erwin Sattler Stiluhren, founded in 1958, has developed over time into a modern-day clock-making manufacture operating on the basis of a combination of state-of-the-art manufacturing technologies and centuries-old craftsmanship. The resulting creations are wonderful fixtures that immediately become the visual focus of whatever room they are

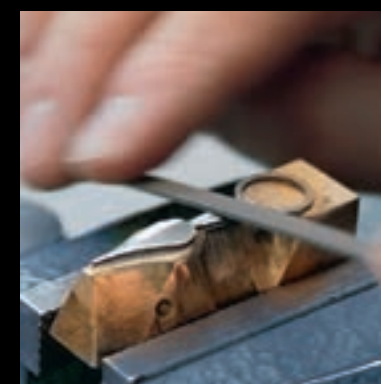
placed in. Since virtually all parts are manufactured in-house in exclusive small-batch series, there is also ample scope for customisation. For over 50 years, employees of Erwin Sattler have been delivering the very highest standards of quality and, in keeping with the company's tradition, have been developing and making timepieces that truly last for generations – and that they themselves would buy.



On 4 March 1903, clockmaker Heinrich Sattler patented a desk or shelf clock containing a perpetual calendar. His motto was: "What you can't buy, you simply have to make yourself".



In 1958, about 60 years after Heinrich Sattler's invention, Erwin Sattler founded his own clock-making manufacture, which now, as then, attaches great importance to ensuring the finest workmanship, the highest precision and timeless design.



Between 1992 and 2002, Erwin Sattler transformed into an almost fully self-sufficient manufacture, achieving a production depth of over 90 percent. As a result, the scope for customisation of features in the clocks, so lovingly manufactured in small-batch series, is vast.

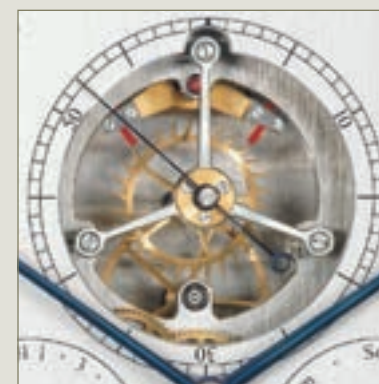


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PRECISION PENDULUM CLOCKS

In 1820, a group of French scientists defined the “secunda diminutiva pars”, i.e. the “second diminished part” of an hour, as $\frac{1}{86,400}$ of a mean solar day. One second is, first and foremost, one valuable moment of our lives, and the continual passing of these moments is a joy to behold on any Erwin Sattler clock. However, our precision pendulum clocks are not only beautiful; they are also extremely accurate. Because we apply the utmost care and use only the very best materials to produce our exclusive creations,

the length of one pendulum swing will deviate only minimally from the latest caesium time standards over the course of months and years. This is demonstrated perfectly by one particular Erwin Sattler precision pendulum clock that stands side by side with the famous historical timekeeping instruments in Munich’s Deutsches Museum. The Erwin Sattler clock-making manufacture has one goal: to achieve aesthetic and mechanical perfection.



The generously skeletonised dials on almost all the precision pendulum clocks allow an interesting and attractive view of the gold-plated gear wheels.



The “regulator dials” are modelled on the especially high-precision pendulum clocks found at observatories. The precision pendulum clocks feature a main dial for the minute hand and two subsidiary dials for hours and seconds.



Something to discover: Various accessory parts are discreetly stored in a hidden compartment in the bottom of the clock case.



Height: 145 cm, width: 37 cm, depth: 18 cm
Cases: Black varnish | Black varnish with walnut root wood cassette | Walnut with walnut root wood cassette | Cherry with olive root wood cassette

CLASSICA SECUNDA 1985

WHERE THE HIGH POINT OF TRADITIONAL CLOCK-MAKING MEETS TIMELESS DESIGN. THE CLASSIC AMONG PRECISION CLOCKS IS AN EXAMPLE OF EXCLUSIVE WALL ART FOR ANY ROOM.

The refined version of the precision 1935 model, manufactured over 600 times, is the perfect embellishment for an office, foyer or living room. Its classic design combined with the technical expertise of the Erwin Sattler clock-making manufacture turns the Classica Secunda 1985 into a versatile lifestyle accessory.

This pendulum clock is also an extremely accurate timepiece, maintaining a maximum accuracy deviation of one to two seconds per month. A weight running down the side allows a power reserve of 30 days. The fine gear wheel teeth and the use of ball or jewel bearings for all turning parts ensure a service life lasting for many generations. The slight changes in the length of the Super Invar pendulum rod, which are caused by temperature, are counterbalanced by a precisely calculated, freely swinging compensation tube.

Three bevelled glass panes allow a fascinating view of some of the Classica Secunda 1985's internal secrets. An additional window in the top allows light to illuminate the movement from above. The clock's plates, pillars, pallet bridges and cocks, gear wheels, guide rollers and chatons are milled and turned in small-batch series in the manufacture. Many components are finished by hand and decorated with gold-plating. The winding crank, fine adjustment weights and additional accessories are hidden in a compartment in the bottom of the case.

The attention to detail that goes into the manufacture of the Classica Secunda 1985 makes it a functional yet beautiful object, which will be treasured for a very long time.



To prevent major accuracy deviations as a result of fluctuations in air pressure, an aneroid barometric compensation is added to the pendulum.

HIGHLIGHTS

- Case and pendulum identical to those of the Classica Secunda 1995
- Achievable accuracy of one to two seconds per month
- 13 coats of varnish and interim polishing by hand refine the case
- 30-day power reserve
- Gold-plated components inside the clock



Height: 145 cm, width: 37 cm, depth: 18 cm
Cases: Black varnish | Black varnish with walnut root wood cassette | Walnut with walnut root wood cassette | Cherry with olive root wood cassette

CLASSICA SECUNDA 1995

THE FINE ART OF CLOCK-MAKING. TECHNICAL DETAIL AND UNCOMPROMISING DESIGN MERGE SEAMLESSLY IN A CLASSIC-MODERN TIMEPIECE FROM ERWIN SATTLER.

It takes an average of two years to manufacture all the individual components of a precision pendulum clock. Handmade in exclusive small-batch series of no more than ten pieces, the clocks clearly show the deep-rooted link with tradition and the passion for detail that contribute to their high quality. The Classica Secunda 1995 is an impressive example of Erwin Sattler furthering its great tradition for precision pendulum clocks.

The design of the Classica Secunda 1995 is dominated by a cutaway dial for seconds, which allows a view of the gold-plated gear wheels. Other fine details are the star-shaped stainless steel escape wheel bridge and the poire hands – meticulously domed, polished and blue tempered by hand. A glass pane in the top allows light to enter the case and illuminate the inner workings from above. Precious woods encase the high-precision movement and round off the piece as a timeless work of art.

With its 30-day movement and ability to keep time with an accuracy drift of around one to two seconds per month, the Classica Secunda 1995 is also a technical triumph. The Graham escapement with jewel pallets ensures a constant transmission of energy to the pendulum. Gold-plated wheels, arbors made from special Swedish steel, five ball bearings and 11 jewel bearings in two base plates crafted in four-millimetre-thick hard brass increase the efficiency and longevity of this “clock for generations”.



The precisely calculated, fine gear wheel teeth and the use of ball or jewel bearings for all turning parts reduce wear to a minimum and guarantee the lifespan of an Erwin Sattler precision pendulum clock for many generations.

HIGHLIGHTS

- 13 coats of varnish and interim polishing by hand refine the case
- Achievable accuracy of approx. one to two seconds per month
- 30-day power reserve
- Complex ball bearing rope pulley for the winding weight
- Integrated accessory compartment in the bottom of the case



Height: 145 cm, width: 37 cm, depth: 18 cm
Cases: Black varnish | Black varnish with walnut root wood cassette | Walnut with walnut root wood cassette | Cherry with olive root wood cassette

SECUNDA LUNARIS

THE MOON IMMORTALISED ON A DIAL – THE SECUNDA LUNARIS HAS BOTH A CALENDAR AND A HAND-PAINTED MOON PHASE.

The Moon serves as our Earth's mysterious companion, influencing the tides and all life on our planet. The Secunda Lunar is gives over part of its fine, silver-plated dial to the mystical satellite, and it is this that first catches the eye. Attention then turns to the time with separate seconds display, the date, the day and the moon phase, all beautifully positioned to create timeless appeal. The meticulously domed, polished and blue-tempered Breguet-style hands round off the face of this clock.

The cutaway under the second hand and the recess in the front plate of the movement allow a view of this precision pendulum clock's gold-plated components and the Graham escapement with its agate pallets. Just like the Classica Secunda, the Secunda Lunar shines with technical and visual brilliance – the star-shaped escape wheel bridge, finely polished, shiny nickel-plated plates to contrast with the gold-plated gear wheels, and a ball bearing rope pulley for the winding weight. During winding, a power-maintaining mechanism drives the pendulum. The addition of an aneroid barometric display on the pendulum and a precisely calculated, freely swinging compensation tube ensure maximum precision.

The Secunda Lunar is a technical marvel that will add a magical dimension to any room.



The second hand is located in an off-centre position above the cutaway in the silver-plated dial; below the centre there are two small subsidiary dials showing the day and the date. A beautifully hand-painted moon disc below the dials indicates the current moon phase.

HIGHLIGHTS

- Precision pendulum clock with calendar
- Achievable accuracy of one to two seconds per month
- Hand-painted moon disc
- Light enters through glass pane in the top to illuminate from above
- Secret accessory compartment in the bottom of the case



Height: 145 cm, width: 37 cm, depth: 18 cm
Cases: Black varnish with metal inlays | Black varnish with macassar cassette and metal inlays

SECUNDA SONATA

A HARMONY OF COMPOSITION – THE SECUNDA SONATA BRINGS TOGETHER THE PHASES OF THE MOON AND THE CHIMING OF THE PASSING TIME.

In music, the word “sonata” indicates an instrumental piece and comes from the Latin verb “sonare”, meaning “sound”. The most distinctive feature of the Secunda Sonata is thus revealed right there in its name. The proud owner of such a handsome, handmade timepiece will delight not only in the soothing ticking of the movement but also in the warm sound of the gong on the half-hour and the hour.

In addition to its pleasant chime, the clock also has a hand-painted moon phase display that lends a special appeal to the silver-plated dial. The combination of these two functions brings together visual beauty and acoustic splendour.

As is customary with the precision pendulum clocks from Erwin Sattler, the pendulum of the Secunda Sonata is equipped with temperature and air-pressure compensation. The gold-plated gear train, with a 30-day power reserve, is fully fitted with ball bearings and jewel bearings, while the classic Graham escapement is embellished with agate pallets.

This exclusive ensemble is housed in a fine, contemporary case finished with metal inlays and a macassar cassette in the back.



The movement, which is largely hidden by the dial, conceals the full view of the hand-painted moon disc, the gold-plated gear wheels and the shiny nickel-plated plates, which represent much more than simply a technical masterpiece.



The cutaway in the dial shows off the movement. The window in the top allows light to enter and illuminate the movement from above, which gives it a particularly beautiful sparkle.

HIGHLIGHTS

- Silver-plated dial with particularly large, hand-painted moon phase display
- Pleasant, rich-sounding half-hour strike train
- 30-day power reserve
- Seconds pendulum with twin barometer and temperature compensation
- Accessory compartment in the bottom of the case



Height: 152 cm, width: 39 cm, depth: 22 cm
Black varnish with macassar cassette and metal inlays

OPUS TEMPORIS

THE ERWIN SATTLER MANUFACTURE PRESENTS ITS MOST EXTRAORDINARY PRECISION PENDULUM CLOCK YET. A WORK OF ART IN THE AGE OF PERPETUITY.



The dial of the Opus Temporis indicates the time, day, month, date and leap year. The three-dimensional, hand-painted spherical moon shows the current moon phase and gives the clock a refined appearance.

In addition to the time display, which is accurate to the nearest second, the dial of the Opus Temporis includes a perpetual calendar that provides information about the date, day and month. A hand-painted spherical moon – surrounded by ten small brilliant-cut diamonds depicting the night sky – shows the current moon phase, which should remain accurate for 120 years before needing to be adjusted by one day. The precise calculation and design of the moon phase was developed by Heinrich Sattler back in 1903. A work of art for perpetuity.

Thirteen coats of black varnish and gleaming metal inlays finish the fine case. The cassette in the back is crafted in macassar and polished to a mirror finish. Customised cassettes made of other high-quality woods are also

available. Two LED lamps located in the top of the case bathe the more than 600 individual components of the movement and pendulum in a soft, mysterious light. The pleasant, rich-sounding half-hour strike train signals the half-hour and hour on a long tubular gong.

Gold-plated gear wheels, solid steel arbors, optimised energy transmission within the gear trains, pre-calculated compensation of the accuracy deviations caused by air pressure and temperature fluctuations and an accuracy deviation of around one to two seconds per month – as well as looking elegant, the Opus Temporis, which is limited to 50 pieces, is also a technical masterpiece. A clock from the Erwin Sattler manufacture meets the highest expectations in every respect.

THE OPUS TEMPORIS MOVEMENT

The movement in the Opus Temporis is not only a thing of beauty; it also conceals a level of technical sophistication that earns it the title of functional work of art. The fascinating technical version of the calendar is remarkably precise and very ambitious in its design. As a result, the date change is very rapid.

A total of 24 elegantly spoked, gold-plated gear wheels sit upon solid, fully hardened steel arbors with precisely milled pinions. It is these fine gear wheels that keep the Opus Temporis functioning smoothly and reliably for years, as each and every detail in the mechanical precision pendulum clocks produced by the Erwin Sattler manufacture plays its part.



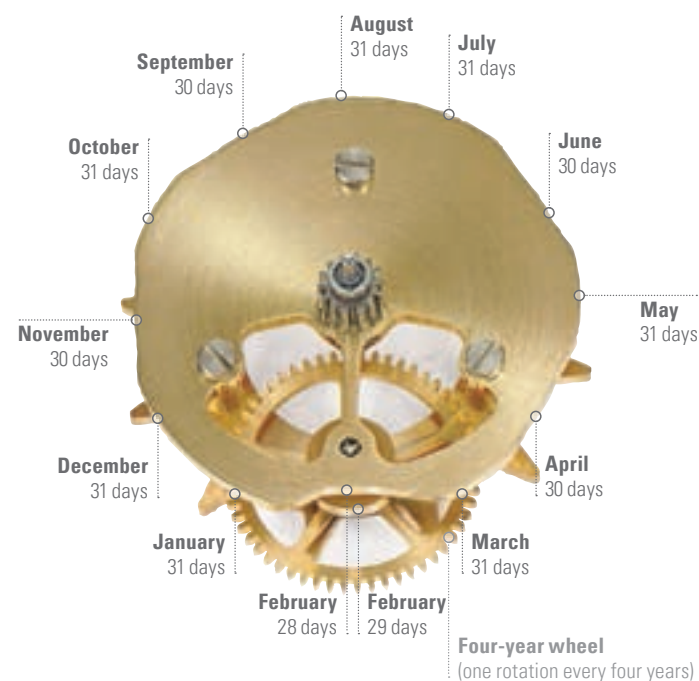
The energy needed to control the calendar comes from the strike train. The advantage of this design is that the actual process of changing the day, date and month takes place during the 12 o'clock chime exactly at midnight and only lasts about 15 seconds.



An interesting yet technically functional moment: The date wheel is almost at the month changeover point.



The year wheel combined with a four-year wheel reliably keeps track of the extra day in February in leap years.





Height: 105 cm, width: 27 cm, depth: 14 cm
Cases: Black varnish with metal inlays, hand-polished | Black varnish with walnut root wood cassette and metal inlays, hand-polished | Walnut with metal inlays, hand-polished

METALLICA 1735

REFINED ELEGANCE AND OUTSTANDING QUALITY – THE MODERN PRECISION CLOCK WILL ADD CONTEMPORARY FLAIR TO ANY LIVING SPACE.

At a middle-of-the-range height of 105 centimetres, the Metallica 1735 will be a fitting lifestyle accessory for almost any room. Fine metal inlays enhance its modern, simple case, which is coated in 13 layers of varnish and polished to a high gloss by hand. A solid, polished and nickel-plated brass bezel frames the anodised dial with hand-finished domed and blued hands.

A window in the top lets light in to illuminate the escapement of the open movement, showcasing the inner workings of the precision pendulum clock, while anti-reflective glass panes allow you to admire the fascinating mechanics, complete with gold-plated gear wheels, unhindered by reflections. As usual with the precision pendulum clocks from Erwin Sattler, the clock's winding crank and fine adjustment weights are located in a hidden compartment in the bottom of the case.

Twenty years of experience have gone into the movement in the Metallica 1735, resulting in a unique $\frac{5}{6}$ -second pendulum clock. Because of the shorter pendulum in this model, its second hand takes six steps every five seconds – an unusual yet pleasant pendulum rhythm. Thanks to the first-class craftsmanship and the use of high-grade materials, the Metallica 1735 achieves an accuracy drift of about three to four seconds per month.



The pleasant rhythm of the $\frac{5}{6}$ -second pendulum clock is a feature of the precisely manufactured movement.

HIGHLIGHTS

- $\frac{5}{6}$ -second pendulum clock with temperature and air-pressure compensated pendulum
- 30-day power reserve
- Hand-polished case with metal inlays
- Anodised dial with hand-finished domed and blued hands
- Hidden accessory compartment in the bottom of the case



Height: 102 cm, width: 50 cm (closed), 73 cm (open), depth: 37 cm
Black varnish with metal inlays and high-polish green ebony cassette

METALLICA ROTALIS

METALLICA 1735 AND ROTALIS WATCH-WINDER TECHNOLOGY – TWO HOROLOGICAL MASTERPIECES COMBINE TO FORM A TRULY UNIQUE PIECE WITH A HOST OF SPECIAL FEATURES.

The Metallica Rotalis uses the Metallica 1735 in an almost unaltered design, thereby retaining all of its impressive features, such as the 30-day power reserve, temperature-compensated Invar pendulum with air-pressure compensation, fine-toothed gold-plated gear wheels in combination with hardened, rust-proof pinions, Graham escapement with adjustable agate pallets and stainless-steel ball bearings. Hidden in the sides, there are eight precision watch winders with all the features of the Rotalis range.

The mechanical opening of both mover satellites is a complete innovation. Buttons in the backs of the two cantilevers can unlock and therefore automatically open them. Pressing the button rotates the corresponding cantilever 90° to the side, revealing the wristwatches that are stored within.

In particular, the Metallica Rotalis can use various lighting options to shine the spotlight on itself and on the wristwatches stored within it. The entire piece is bathed in soft light from the rear-panel cassette, while other lights illuminate the movement and the body of the pendulum. A sensor on the back enables the indirect lighting to be switched on and off contact-free.



Even when the cantilevers are closed, the pieces of jewellery in the watch winders can still be seen through the glass case.

HIGHLIGHTS

- Precision pendulum clock with eight precision watch winders
- Barometer and thermometer set into the front
- Accurate to within three to four seconds per month
- LED lighting can be controlled via WLAN or using a sensor on the back of the case
- Individual programming of each individual winder, interval function, sleep phase, programming via WLAN and 12 o'clock position on stopping



The glass window in the cover not only provides a fascinating view of the inner workings of the clock, it also lets light in from above, showcasing the Metallica Rotalis. The special design of the case and the indirect lighting on the back create the impression that the clock is floating on the wall – a mesmerising look of weightlessness.



The Metallica Rotalis unfolds to its full size when both mover satellites are opened out at the sides. Like wings, they stretch out their impressive and richly decorated side sections to showcase the wristwatches inside.



Turning the mechanical opening of both winder satellites by 90° reveals the wristwatches stored within the Metallica Rotalis. The power for this rotary movement is provided by a second small weight in the case. This ingenious, captivating mechanism has been completely redeveloped in our manufacture especially for the Metallica Rotalis.





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| Classica K 130 | 47 |
| Classica D 70 M | 50 |
| Classica KS 100 and KS 100 M | 52 |
| Classica KS 130 | 53 |

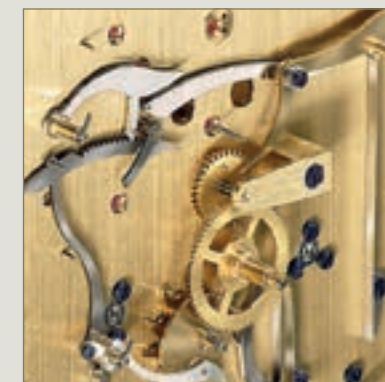
REGULATOR PULLEY CLOCKS

The popular regulator pulley clocks in the Classica range from Erwin Sattler are smaller and more modest than the precision pendulum clocks. From the classic Vienna pendulum clocks to timepieces with a modern design, they all possess the attributes of fine precision instruments. All these ticking works of art need is a setting befitting their beauty and they will integrate seamlessly into virtually any

living space, drawing the eye to their detail like magic. Each and every part of them is manufactured with German precision – a seal of quality that stands for first-class quality and restrained elegance. A regulator pulley clock from Erwin Sattler will continue to hold its extraordinary fascination and retain its value for many generations.



The choice of either Roman or Arabic numerals adds a personal touch.



The conical steel pins and the jewel and ball bearings in the movement are especially attractive.



The pendulum bob is milled and turned from a single piece of brass.



Height: 56.5 cm, width: 15.5 cm, depth: 9 cm
Enamelled dial, choice of Roman, Arabic or modern Arabic
Cases: Black varnish | Cherry

CLASSICA 60

CLASSIC SHAPE, LAVISH MATERIALS, OUTSTANDING TECHNOLOGY. ERWIN SATTLER'S SMALLEST REGULATOR.

The shape of the movement found in Sattler's smallest regulator corresponds exactly to the lovingly manufactured movements from the beginning of the 19th century. That era's quality features – such as hardened steel components and hard brass for the base plates, pallet bridge and minute wheel cocks milled from solid material, and cylindrical steel pins for the pillars – are used now in exactly the same way as they were in vintage movements.

The beautiful, elaborate enamel dials with their filigreed, blued steel hands and solid brass bezel lend a unique charm to this delicate clock. The timeless, classic shape of the case – which gives the clock its name – goes well with any interior style.

The discreet ticking of this model, for which we must thank the fine and extremely slim movement, has earned it the charming nickname of “bedroom regulator”. Seven jewel bearings and two ball bearings ensure enough power reserve to last a week and give these clocks the durability they need to last for many generations.

HIGHLIGHTS

- “Bedroom regulator” with extremely quiet tick
- Power reserve to last one week
- Four-time-fired high-quality enamelled dial
- Movement mounted solely on jewel and ball bearings



As an alternative to the Arabic numeral version, the Classica 60 is equally well-suited to Roman numerals – with the dial made from stunning enamel on both versions.

An overview of the available models can be found on page 54.



Height: 56.5 cm, width: 15.5 cm, depth: 9.5 cm
 Enamelled dial, choice of Roman, Arabic or modern Arabic
 Cases: Black varnish with metal inlays | Black varnish with macassar cassette and metal inlays

CLASSICA 60 M

A CLASSIC GEM TO SUIT ANY ROOM – THE NEW CLASSICA 60 M COMBINES RESTRAINED CHARM WITH CAPTIVATING TECHNOLOGY AND BEAUTY.

The smallest regulator to come out of the Erwin Sattler manufacture, the Classica 60, has been given a sister with a new look. The slender Classica 60 M is nothing short of enchanting, with its gleaming silk-matt case, crafted in the finest black varnish with decorative metal inlays and a lavish macassar cassette. Representing a fusion of timeless materials and a classically inspired shape, it will be a harmonious addition to any interior style.

The elaborately designed enamel dial is surrounded by a solid, nickel-plated brass bezel. Blued steel hands complete the modern Arabic dial design, displaying the current time in an exceptionally delightful way.

Hardened steel components and hard brass for the base plates, a pallet bridge and minute wheel cocks milled from solid material, and conical steel pins for the pillars are all quality features this masterpiece shares with its predecessors – vintage movements from the beginning of the 19th century.

Due mainly to its light winding weight, the Classica 60 M has an extremely quiet tick, which has earned it the nickname of “bedroom regulator”. This makes it a wonderful lifestyle accessory for any room.



The Classica 60 M has a balanced composition. Delicate metal inlays and a lavish macassar cassette round off its black case perfectly.

HIGHLIGHTS

- “Bedroom regulator” with extremely quiet tick
- Enamel dial with blued steel hands
- Movement mounted solely on jewel and ball bearings
- Available with Roman dial on special request, stylishly finished with Breguet-style hands

An overview of the available models can be found on page 54.



Shown here: Classica S 100
Height: 98 cm, width: 27,5 cm, depth: 10,5 cm | Enamelled dial, modern Arabic | Black varnish

REGULATORS WITH STRIKE TRAIN

AS TRADITIONAL AND RELIABLE AS 200 YEARS AGO AND NOW A SWEET-SOUNDING EYE-CATCHER IN ANY LIVING SPACE – THE VERY BEST OF CLOCK-MAKING IN A TIME-LESS FORM.



The Classica S models have two beautifully designed weights – one for the correct time and one for the tuneful chimes of the built-in strike train.



The previous hour can be repeated by pulling this silk string located on the side of the case.

As in the original Vienna regulators of 200 years ago, the classic strike train of the Classica S model, with its traditional design and finish, guarantees reliable operation for generations. These clocks signal every half-hour with wonderfully tuneful chimes, but the owner need not await the half-hour. Thanks to the repetition feature, the strike train can be manually triggered up to the fiftieth minute, thus allowing the previous hour to be repeated. The chime can also be completely silenced if preferred.

Elegant cases are responsible for providing a unique allure. This overall look is complemented by two blued steel hands that display the hours and minutes on high-quality enamel dials, giving these clocks their equally characteristic and timeless appearance.

As with each individual clock that is lovingly manufactured at Erwin Sattler, the Classica S models are characterised by high quality and first-class materials – they are a masterpiece of technical and design prowess. Whether in classical décor or modern elegance, these charming regulators will integrate perfectly into their surroundings.

CLASSICA
S 70



CLASSICA
S 70 M



Contemporary: A dial with Arabic numerals blends in well with most décors. All types of numerals can also be combined with a brass bezel, as shown here on a case made from bird's eye maple.



Simply elegant: The modern Arabic version omits some of the hour marks. The delicate metal inlays of the Classica S 70 M and their straight lines highlight the minimalist look.



Classic: A Roman dial reminiscent of the historical forerunners of the Classica series. The black varnish on the case of the Classica S 70 has a truly authentic look.

An overview of the available models can be found on page 54.



Classica S 70 M: Height: 70 cm, width: 20.5 cm, depth: 10 cm
Enamelled dial, choice of Roman, Arabic or modern Arabic
Cases: Black varnish with metal inlays | Black varnish with macassar cassette and metal inlays

CLASSICA
S 100



CLASSICA
S 100 M



For the larger models in the beautiful sounding Classica S range, you can choose a modern Arabic dial with straight hands or a Roman dial with Breguet-style hands. Both supplement the balanced shapes of the case splendidly.

As an alternative, for both types of hands, you can choose a design which plays on the colourful contrast between the blued steel hands and the gold-plated brass bezel surrounding them – a particularly elegant combination.

CLASSICA
S 130



An overview of the available models can be found on page 54.



Shown here: Classica K 100
Height: 98 cm, width: 27.5 cm, depth: 10.5 cm | Enamelled dial, Roman | Yew with jacaranda inlays and black rim and base

REGULATORS WITH CALENDAR

THESE ELABORATE CLOCKS PROVIDE PLENTY OF INFORMATION – THEY COMBINE THE TIME WITH THE ADDITION OF A CALENDAR AND A HAND-PAINTED MOON PHASE DISPLAY.

The outstanding quality of the clocks produced by Erwin Sattler is not achieved simply as a result of using state-of-the-art technical solutions – it is also a result of above-average craftsmanship skills and sensitivity for materials and processes, not to mention extensive clock-making experience. A total of 14 clockmakers at the manufacture are involved in creating the true classics that are the Classica K models.

In addition to displaying the time with a built-in calendar mechanism, these clocks offer a full month's worth of power reserve. Hand-blued steel hands also indicate the day and date on a fine, silver-plated dial. Of particular interest is the beautiful hand-painted moon phase, which shows the changing illumination of the Moon – in a sense paying homage to Earth's mystical companion and the way in which its effect on life has captivated people of all eras, and still does today. On the Classica K models, this moon phase is a wonderful complement to the subsidiary dials for the calendar and gives the beautiful clocks an extra level of visual interest.



The moon phase is lovingly hand-painted.



It is almost a shame that such an elaborate movement should be hidden by the dial. Thanks to technical advances, the ticking from this regulator is virtually inaudible.



Height: 70 cm, width: 20.5 cm, depth: 10 cm
Cases: Black varnish with metal inlays | Black varnish with macassar cassette and metal inlays

CLASSICA K 70 M



This particularly fine Classica composition combines the useful and decorative calendar function with digital date display on the dial with a modern case, rounded off by delicate metal inlays.

It is a technical masterpiece – despite its small size and thus low drop height, it offers a full month's worth of power reserve. This is achieved by the higher ratio of the precisely toothed gear train, which also rolls in ball bearings with jewels.

As the smallest model with a calendar, the Classica K 70 M will surprise you with an additional unique feature: The current moon phase is displayed on a three-dimensional hand-painted spherical moon which only needs correcting by one day after 120 years.



The three-dimensional spherical moon attracts the eye and is the visual centrepiece of the anodised dial. It is hand-painted in the manufacture with the highest level of attention to detail. Instead of the numeral "9", the day's date can be read off in the digital display and a square winder can be found in place of the numeral "3", rounding off the design of the extraordinary dial.

An overview of the available models can be found on page 54.

CLASSICA
K 100



CLASSICA
K 100 M



CLASSICA
K 130



The hand-painted moon phase on the dials is what gives the Classica K models their fascinating appearance. Two different versions with Roman numerals are available to suit each individual taste: One with a nickel-plated brass bezel with a look of restrained elegance and, by stark contrast, a luxurious version with a gold-coloured brass bezel.

The Classica K 130 has an particularly gentle rhythmic swing thanks to its mellow seconds pendulum.

An overview of the available models can be found on page 54.



Shown here: Classica KS 130
Height: 130.5 cm, width: 27.5 cm, depth: 11 cm | Enamelled dial, modern Arabic | Black varnish

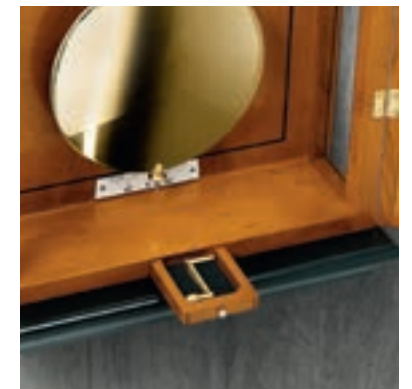
REGULATORS WITH CALENDAR AND STRIKE TRAIN

THE CLASSICA KS WITH CALENDAR FUNCTION AND MOON PHASE COMBINED WITH MELODIOUS STRIKE TRAIN. EVERYTHING YOU WANT ROLLED INTO ONE.

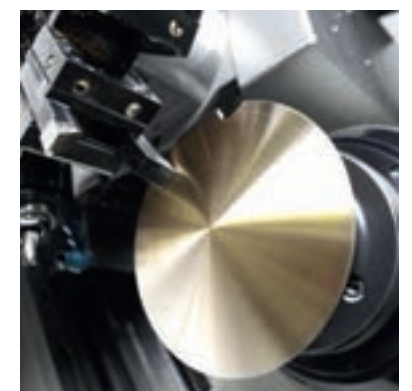
In response to requests from horological connoisseurs, the collection from the Erwin Sattler manufacture has welcomed a new addition, which combines two Classica series and finally puts an end to the need to decide between a calendar function with moon phase display and a chiming strike train – the Classica KS.

It shows the date and day with blued steel hands and audibly yet subtly chimes the time, striking one tone on the half-hour and the full number of tones on the hour on one fine gong. The hand-painted moon disc has been moved from its previous 12 o'clock position to the lower edge of the dial in order to make room for a seconds display to this elaborate regulator.

The bezel and pendulum bob are lovingly crafted from solid brass by experienced hands, and exquisite woods encase the usual high-precision technology of the long-lasting movement. The characteristics of the Classica KS mean that it will fulfil both the wish for an attractive exterior and the desire for functional completeness.



With its extremely slim case, the Classica KS is a discreet addition to any décor. Its winding key can be found in a small drawer in the bottom of the case.



The pendulum bob is painstakingly turned from a solid piece of brass, then polished and nickel-plated or gold-plated.

CLASSICA D 70 M



Only 70 cm in size, but with so much to offer – the Classica D 70 M is bound to impress with its one-month power reserve, big date display and passing strike.

The key feature of the Classica D 70 M is something never before seen in the Erwin Sattler collection: the big date display at 6 o'clock. The date is the most useful additional feature a clock can have, and this big date display offers simple convenience. The big date is distinct from a conventional date display in that it comprises two separate elements.

The tens digits sit on a cross, while the units revolve on a disc below the cross. The two elements are positioned one above the other with a slight gap between them to ensure the necessary minimum clearance of a fraction of a millimetre. In order to conceal this, the big date display appears in a window divided by a central bar that sits over the join between the two revolving elements.

The clock has a “passing strike”, which means that it sounds a gong with a single strike once every hour. Visually, this clock with a one-month power reserve is very attractive; its beautiful case finished in black varnish and the anodised, modern Arabic dial blend in flawlessly with the simple look of the big date display.



Visually appealing and functional: The highlight of the Classica D 70 M dial is the big date display at 6 o'clock, comprising a cross for the tens digits and a disc for the units.



An overview of the available models can be found on page 54.

CLASSICA
KS 100



CLASSICA
KS 100 M



CLASSICA
KS 130



The multi-functional Classica KS will be equally at home in either a cool, modern interior or a more traditional décor. The modern Arabic dial combined with straight hands gives a simple and contemporary look. The Roman dial, together with the elegant Breguet-style hands, gives the Classica KS a classical feel. By choosing between a nickel-plated and gold-coloured brass bezel as the frame for the silver-plated dial, you can also add a splash of colour.

The Classica KS 130 has a particularly mellow seconds pendulum.

An overview of the available models can be found on page 54.

CLASSICA MODELS

THE PERFECTLY COORDINATED COMPOSITIONS OF THE CLASSICA SERIES MAKE THEM WONDERFUL LIFESTYLE ACCESSORIES. THIS TABLE SHOWS THE DESIGN OPTIONS CURRENTLY AVAILABLE.

| | | Woods | | | | | Trim | |
|-------------|----------|---------------|--------------------------------------|--------|------------------|-----|-------|---------------|
| | | Black varnish | Black varnish with macassar cassette | Cherry | Bird's eye maple | Yew | Brass | Nickel-plated |
| Classica | 60 | ● | + | ● | + | + | ● | ● |
| | 60 M | ● | ● | + | + | + | - | ● |
| Classica S | S 70 | ● | + | + | ● | + | ● | ● |
| | S 70 M | ● | ● | + | + | + | - | ● |
| | S 100 | ● | + | + | + | ● | ● | ● |
| | S 100 M | ● | ● | + | + | + | - | ● |
| | S 130 | ● | + | + | + | + | ● | ● |
| Classica K | K 70 M | ● | ● | + | + | + | - | ● |
| | K 100 | ● | + | + | + | ● | ● | ● |
| | K 100 M | ● | ● | + | + | + | - | ● |
| | K 130 | ● | + | + | + | + | ● | ● |
| Classica KS | D 70 M | ● | ● | + | + | + | - | ● |
| | KS 100 | ● | + | + | + | ● | ● | ● |
| | KS 100 M | ● | ● | + | + | + | - | ● |
| | KS 130 | ● | + | + | + | + | ● | ● |

- = Available as standard
- ⊕ = Possible upon request
- = Not possible

Further information is available in the Technical Data section from page 122.



| Dial versions | | | Dial materials | | | | |
|---------------|--------|---------------|----------------|---------------|----------|----------|-------------|
| Roman | Arabic | Modern Arabic | Enamelled | Silver-plated | Anodised | | |
| ● | ● | ● | ● | - | - | 60 | Classica |
| ● | ● | ● | ● | - | - | 60 M | |
| ● | ● | ● | ● | - | - | S 70 | Classica S |
| ● | ● | ● | ● | - | - | S 70 M | |
| ● | - | ● | ● | - | - | S 100 | |
| ● | - | ● | ● | - | - | S 100 M | |
| ● | - | ● | ● | - | - | S 130 | |
| - | - | ● | - | - | ● | K 70 M | Classica K |
| ● | - | - | - | ● | - | K 100 | |
| ● | - | - | - | ● | - | K 100 M | |
| ● | - | - | - | ● | - | K 130 | |
| - | - | ● | - | - | ● | D 70 M | Classica KS |
| ● | - | ● | - | ● | - | KS 100 | |
| ● | - | ● | - | ● | - | KS 100 M | |
| ● | - | ● | - | ● | - | KS 130 | |



| | |
|----------------------------|----|
| Lunaris | 58 |
| Metrica | 60 |
| Stellaris | 62 |
| Table clock by Audi design | 64 |

TABLE CLOCKS

Desk, mantel and table clocks have been a staple of upmarket, tasteful interior design for centuries. Their appearance was always influenced for one by the style of their era and for another by their intended use, with either decorative or functional aspects dominating. During the Renaissance, table clocks were equipped with numerous calendar and other astronomical displays in addition to the hands showing the hours and minutes.

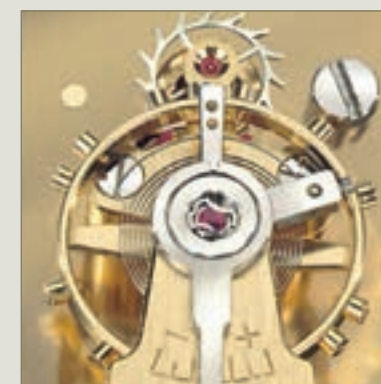
Sophisticated art connoisseurs used them to demonstrate and impress with their interest in the progression of science. Erwin Sattler builds on this long tradition today. The focus is on exquisite craftsmanship and technical innovation coupled with contemporary design – and the manufacture's usual high standards of quality always apply. What is more, these clocks are simply irresistibly beautiful.



Impressive details combine high technical performance and a perfect appearance.



Functionally and aesthetically, the clocks are nothing short of true clock-making masterpieces thanks to the use of especially fine materials.



Our table clocks have a gold-plated or rhodium-plated escapement.

LUNARIS

HIGH-QUALITY DESIGN, HIGH-PRECISION TECHNOLOGY AND UNIQUE CHARM – THIS TASTEFULLY ELEGANT TABLE CLOCK WILL BE A CAPTIVATING ADDITION TO ANY ROOM.

The Lunaris owes its eye-catching design to the frameless glass case and the polished, chromed brass milled parts that elaborately surround the clock's body. The distinctive feature of the design is the way the exterior of the clock supports the components. The movement and case form a pleasing whole that lends the piece a unique visual cohesion.

An anodised dial with hand-blued steel hands has a cut-out in its lower half for the hand-painted moon phase display. The timepiece is also linked by name to the Moon, and keeps track of its changing illumination in a quite fascinating and decorative way. The Lunaris is also a joy to listen to. Its "passing strike" means that it sounds a bell with a single strike once every hour. The winding mechanism and adjusters for the hands and moon phase display, as well as the regulator for the eight-day clock, are all conveniently located on the back.

The balance the Lunaris achieves between design and aesthetics makes it a true Erwin Sattler gem.

HIGHLIGHTS

- Passing strike sounds a bell once every hour
- Hand-painted moon phase display
- Winding and full adjustment mechanism on the back
- Eight-day power reserve



The elaborate and technically intricate design makes the dial and movement appear to float inside the case.

Height: 23 cm, width: 16 cm, depth: 8 cm, weight: 6 kg
Polished and chromed brass, cut mineral glass



Height: 29 cm, width: 19.5 cm, depth: 12.5 cm, weight: 5.6 kg
Cases: Black varnish with metal inlays, hand-polished | Walnut with metal inlays, hand-polished

M E T R I C A

FINE, ELEGANT LINES – THE SIMPLE DESIGN MAKES THE METRICA A TIMELESSLY BEAUTIFUL TABLE CLOCK THAT INTEGRATES PERFECTLY INTO ANY ENVIRONMENT.

Whether used as a desk or mantel clock, whether in the office or surrounded by valuable paintings, the Metrica is an excellent functional accessory. The modern case featuring metal inlays is the result of ongoing development of existing models and the use of contemporary materials.

Working on the basis of a gold-plated gear train developed in the manufacture, the clockmakers have succeeded in realising their vision of a reliable, low-maintenance and durable table clock. The clock is fitted with a mechanical constant-force mechanism comprising a fusee and steel cable, to counter the fact that the driving force stored in the mainspring gradually decreases over the course of the

15-day power reserve period. This is a complex process and it adds a further valuable dimension to the technical complexity of the Metrica timepiece.

But the movement is not just a work of perfection behind the scenes; it can be seen quite clearly through the glazed cases of the case. The Metrica draws the eye directly to the elegantly spoked gear wheels, which are gold-plated to protect against oxidation. A clock with such features fulfils all the requirements of traditional clock-making. It is classic, sober and unobtrusive, though it remains the highlight of any room.



HIGHLIGHTS

- Hand-polished case with metal inlays
- Silver-plated dial with hand-finished and blued steel hands
- The 15-day power reserve is displayed in a subsidiary dial
- Small second hand and date display
- Key compartment inside the clock lid

The lid containing the hidden key compartment opens automatically when the front door is opened.

STELLARIS

IT MAY BE THE SMALLEST TABLE CLOCK IN THE RANGE, BUT THE MAGICAL CHARM OF THE STELLARIS IS ENOUGH TO LIGHT UP THE NIGHT SKY OF THE LARGE REGULATORS.

The stunning high-precision movement is equipped with a Swiss escapement and a gear stopwork, also known simply as the stopwork. This limits the power reserve to exactly eight days, cleverly using the middle tension of the main-spring and allowing for the most precise rate of the movement.

The Stellaris also boasts the “regulator dial” so often seen in clocks from the Sattler manufacture – a result of the company’s great affinity for classic precision clocks – which features a large minute hand and small subsidiary dials for hours and seconds.

Inside, the ten milled and gold-plated gear wheels, which turn in 12 precision ball bearings and 11 jewel bearings, are signs of the clock’s quality construction, while the finely polished hand arbor, tempered navy blue steel hands and high-gloss polish on the dial screws discreetly underscore the Sattler origins of the Stellaris.

HIGHLIGHTS

- Smallest table clock in the range
- Gear train comprising ten milled and gold-plated gear wheels
- Eight-day power reserve
- “Regulator dial” with blued steel hands
- Time-setting and winding mechanism on the back



The Stellaris from Erwin Sattler has three glass panes that allow an unimpeded view of the manufacture movement.



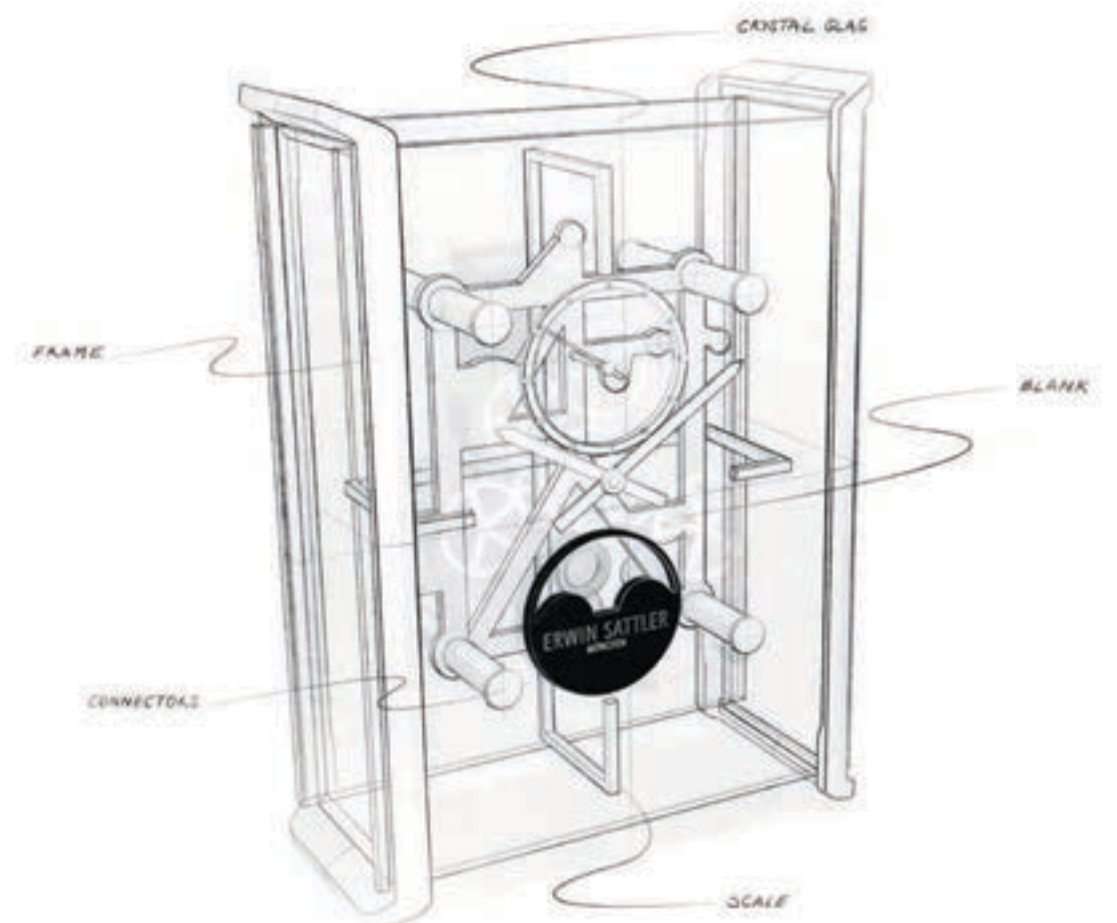
Height: 15,5 cm, width: 12 cm, depth: 7,5 cm, weight: 3,8 kg
Brass, polished and chromed



Height: 25.6 cm, width: 17.7 cm, depth: 8.3 cm
Brass, PVD-coated, glass

TABLE CLOCK BY AUDI DESIGN

PRECISION TECHNOLOGY, WELL-DEFINED LINES, VISIBLE INNER WORKINGS – THE FIRST COOPERATION BETWEEN ERWIN SATTLER AND AUDI DESIGN HAS CREATED A TABLE CLOCK WITH A TIMELESS QUALITY AND APPEAL.



The link between precision clocks from the Munich clock-making manufacture and premium cars from the brand with the four interlinked rings is an uncompromising commitment to quality, high-precision

craftsmanship and first-class technical performance. It is precisely these features that are reflected in the jointly created table clock – the captivating result of this collaboration.



The Erwin Sattler table clock by Audi design is minimalistic in style. The glass case is discreetly held together by two PVD-coated brackets and allows a view of the exceptionally light, floating movement. The scale for hours and minutes is kept simple – it shows the quarter, half and full hours. The designers have paid special attention to the interplay between the high-precision, elaborate gear wheels and the hand-crafted hands.

The clock is also a technical masterpiece. The beat rate of 18,000 beats per hour keeps the balance wheel oscillating at a constant and precise rate. The fine workmanship we have come to expect is evident in the use of materials – the gear wheels and base plates, for instance, are milled from solid brass – and this, combined with a movement mounted solely on ball bearings, ensures a service life lasting for many generations. This clock exudes design, style and technical prowess. It deserves to take pride of place in any interior.

HIGHLIGHTS

- Collaboration between Erwin Sattler and Audi design
- Minimalist design
- Single-pane safety glass
- Transparent casing on all sides
- Movement mounted solely on ball bearings
- Limited to 100 pieces
- Passing strike with bell





| | |
|---------------------|----|
| Troja 16 M | 70 |
| Troja Lunariss M | 72 |
| Troja Sonata M | 74 |
| Troja Opus Temporis | 76 |
| Excelsia | 78 |

LONGCASE CLOCKS

No other timepiece embodies the tradition of the craft of clock-making better than the longcase clock. Furthermore, these clocks have the character of a real piece of furniture and have always been synonymous with dignity and comfort. The deliberate ticking every second conveys peace and security, and invites you to take a break from the hectic daily grind, which is marked by a lack of time. Due to its impressive size when

compared to other timepieces, it is extremely important that the longcase clock fits perfectly into your living environment. Erwin Sattler's collection offers charming works of art that will take centre stage in a wide variety of interior styles. And the style of the living area does not necessarily have to be consistent with the style of the clock. What is crucial, is that the individual elements of the ensemble come together to a harmonious finish.



Inside the longcase clocks from the Troja line, there is professional space for valuable wrist-watches in the extendible watch winders.



The escapement of the movement shows up beautifully behind the cutaway. This is only one of the versions of the silver-plated dial that are available.



You can find space for other treasures in the hidden safe within the body of the Troja line clocks.



TROJA 16 M

VALUABLE SECRETS – TREASURES ARE KEPT SAFE AND HIDDEN INSIDE A FASCINATING AND IMPRESSIVE PRECISION PENDULUM CLOCK.

According to Greek legend, the ancient, Anatolian city of Troy (Troja) was outsmarted by Greek warriors. Hidden in the stomach of a wooden horse, they were able to get behind the fortified city walls undiscovered and, following their clever deception, conquered the city. The Troja 16 M precision pendulum clock owes its name to this historic example because its body also conceals some secrets.

The base of the clock houses a safe which provides space for all kinds of treasures. To make full use of the depth that is gained here, 16 remote-controlled watch winders are also housed in the rear section of the case. Along with their technology partner, Beluwo®, the Erwin Sattler manufacture has developed new, large wristwatch-holders which provide enough space for larger timepieces. Each unit is equipped with its own precision motor and can be individually programmed via WLAN.

The Troja 16 M is equipped with the extraordinary movement from the Classica Secunda 1995, whose silver-plated dial emphasises the value of the lovingly hand-crafted, domed hands. The pendulum, at a stately length of approximately one metre, swings once every second in an elegant and calming cadence.

The Troja is available with four different movements:

| | |
|--|---------------|
| Troja 16 M with the movement from the Classica Secunda 1995 | (see page 70) |
| Troja Lunariss M with the movement from the Secunda Lunariss | (see page 72) |
| Troja Sonata M with the movement from the Secunda Sonata | (see page 74) |
| Troja Opus Temporis with the movement from the Opus Temporis | (see page 76) |

HIGHLIGHTS

- Seconds pendulum clock with temperature and airpressure compensation
- Equipped with the movement from the Classica Secunda 1995
- Cutaway silver-plated dial
- Accuracy deviation of one to two seconds per month
- 16 extendible, individually programmable watch winders
- Hidden safe in the base



Technology in its most beautiful form: The aneroid capsule for air-pressure compensation and the spoked rope pulley with ball bearings.

Height: 218 cm, width: 48 cm (watch winders extended: 70 cm), depth: 39 cm
Cases: Black varnish with metal inlays | Black varnish with macassar cassette and metal inlays



Troja Lunarism
Height: 218 cm, width: 48 cm (watch winders extended: 70 cm), depth: 39 cm
Cases: Black varnish with metal inlays | Black varnish with macassar cassette and metal inlays

TROJA LUNARIS M TROJA SONATA M

AN INFORMATIVE CALENDAR AND A WONDERFUL CHIME – THESE TROJA MODELS WITH A HAND-PAINTED MOON PHASE WILL FULFIL YOUR DREAMS OF A PERFECT CLOCK.

Both the Troja Lunarism and the Troja Sonata M are housed in a modern elegant case finished in black varnish with delicate metal inlays. Horological and jewellery connoisseurs can choose between these two models with attractive arrangements – but their functions and fascinating appearance will make it hard to decide between them.

Troja Lunarism M

The Troja Lunarism M, equipped with the movement from the Secunda Lunarism, features a lovingly hand-painted moon phase on its silver-plated dial. An integrated calendar provides information about the date and day and thus embellishes its elegant clock face.

Troja Sonata M

The Troja Sonata M, as with the Secunda Sonata, provides its owner with a half-hour strike train with a wonderfully rich sound and a beautifully-designed second weight next to the pendulum. A hand-painted moon phase display is another striking feature of the clock's silver-plated dial.

Both Troja models feature 16 individually programmable watch winders, hidden in the extendible side sections, for secure storage of valuable pieces of jewellery. A safe in the base offers another location for you to store rings, chains and other treasures.



The gold-plated details of the movement, visible through the cutaway in the dial, show off the clock face of the Troja Sonata M in wondrous splendour. The mystical hand-painted moon disc enhances the look of the longcase clock.

HIGHLIGHTS

- Precision pendulum clock with calendar and hand-painted moon phase
- Under optimal conditions, an accuracy deviation of less than two seconds per month is possible
- Silver-plated dial
- 16 extendible, individually programmable watch winders
- Hidden safe in the base



Troja Sonata M
Height: 218 cm, width: 48 cm (watch winders extended: 70 cm), depth: 39 cm
Cases: Black varnish with metal inlays | Black varnish with macassar cassette and metal inlays



Height: 222 cm, base width: 47.5 cm, width with watch winders extended: 72 cm, depth: 43 cm
Black varnish with macassar cassette and metal inlays

TROJA OPUS TEMPORIS

WITHOUT DOUBT, THE MOST ELABORATE TIMEPIECE IN THIS SERIES IS THE TROJA OPUS TEMPORIS, WITH ITS UNIQUE MOVEMENT – A CHARMING LOOK COMBINED WITH FUNCTIONAL PERFECTION.

A great pairing – the safety-loving Troja with the magnificent Opus Temporis. This combination brings together ostensibly incompatible aspects into one versatile timepiece which leaves nothing to be desired.

This masterpiece from the Erwin Sattler manufacture is not just a precision clock according to the classical definition but, with the Opus Temporis, it also has a “perpetual calendar” with three-dimensional, hand-painted moon phase. This turns in front of a funnel that is studded with ten brilliant-cut diamonds and impressively illustrates the night sky. From a technical point of view, its calculation and conversion are also fascinating, and only have to be corrected by one day every 120 years. Furthermore, this fine longcase clock delights owners with its sonorous half-hour strike.

Its character is complemented by the features of the Troja. When you press the remote control, 16 programmable watch winders move forward behind the pendulum clock. The database that comes with the clock contains the parameters for more than 8,000 wristwatch models. Each wristwatch thus receives exactly the amount of energy that is recommended by the manufacturer. A safe, which is hidden behind a closed door in the base of the clock, has drawers in which to store other collectibles and treasures such as chains, rings and manual winding wristwatches.



An additional precision-watch-winder module is available for the safe as an optional extra.

HIGHLIGHTS

- 30-day power reserve
- Silver-plated dial with “perpetual calendar” and hand-painted moon phase display, studded with brilliant-cut diamonds
- Harmonious-sounding half-hour strike train
- Hidden safe in the base with electronic key lock
- 16 extendible, individually programmable watch winders
- Equipped with the movement from the Opus Temporis



Height: 185 cm, width: 29 cm, depth: 11 cm
Enamelled dial, with a choice between Roman or modern Arabic
Black varnish

EXCELSIA

POLITE RESTRAINT AND MODERN ELEGANCE ARE COMBINED INTO A COMPELLINGLY BEAUTIFUL PRECISION TIMEPIECE, WHICH TAKES UP ALL THE SPACE THAT IT REQUIRES, WITHOUT BEING INTRUSIVE.

Many people perceive their home as a place of peace and relaxation, and they enjoy the seclusion that they find there from the fast-paced world in which we live. We put a lot of care and attention into seeking out the things that make up this environment. The Excelsia is the timeless embodiment of a stylish life and is therefore an expression of the individual's style of living.

The steady swing of the one-second pendulum and the quiet ticking of this high-precision timepiece convey a sublime serenity. With a pleasantly full sound for the half-hour strike, it provides information on the passing of time. If desired, the strike train can be repeated or stopped at any time from the outside.

With a total height of 185 cm, the Excelsia has a conspicuous presence in any room. However, with its slim, varnished case, it is also so discreet that its simple yet quite unique appearance fits perfectly into any ambience.

HIGHLIGHTS

- At 11 cm, it is the slimmest longcase clock in the range
- Power reserve to last one month
- Half-hour strike train with repetition and strike train silencer
- Enamelled dial
- Seconds pendulum



The dial with Roman numerals lends the Excelsia a touch of elegance.



A modern Arabic dial emphasises the simple beauty of this extraordinary longcase clock.

| | |
|------------------------------------|----|
| Regulateur Classica Secunda | 82 |
| Regulateur Classica Secunda Medium | 84 |
| Pocket watch | 86 |



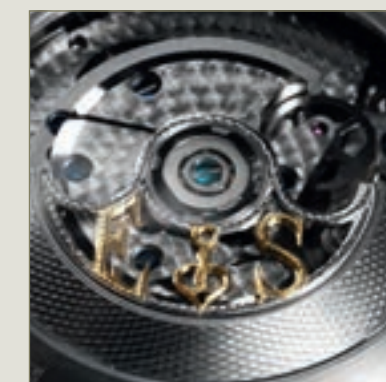
WRISTWATCHES & POCKET WATCH

The tradition of precision pendulum clocks for those on the move. Sublime aesthetics combined with functional perfection from Erwin Sattler is found again in portable form in these wristwatches. The exceptional hand placement is modelled after the highly accurate pendulum clocks found at observatories. When making time comparisons, it was found that the extremely wide hour hands of the

observatory clocks always hid the second hand that is important for precision regulation. Therefore, the “regulator dials” were designed with a main dial for the minute hand, which has been kept streamlined, and two subsidiary dials for the hour and second hands. Thanks to this trick, it was then possible to read the time easily at any point – which is no doubt also an excellent feature for a wristwatch.



The “regulator dial”, with the second hand at “12 o’clock”, the hour hand at “6 o’clock”, the large minute hand from the centre and the four dial screws, forges the bridge to the fine precision pendulum clocks.



The lovingly crafted automatic rotor is skeletonised and engraved by hand with the company’s initials “E.S.” by the master engraver Jochen Benzinger. Custom-made products can also be engraved with any initials that the future owner may want.



The large winding crown with milled logo is an especially beautiful detail on the wristwatches from the Erwin Sattler manufacture.



Diameter: 44 mm, height: 15 mm

REGULATEUR CLASSICA SECUNDA

WITH THE REGULATEUR CLASSICA SECUNDA, YOU CAN WEAR A ONE-OF-A-KIND TIMEPIECE FROM ERWIN SATTLER ON YOUR WRIST – A WATCH THAT WAS COMPLETELY DESIGNED ON THE MODEL OF THE PRECISION PENDULUM CLOCKS.

Visually, it is an exact miniature version of the successful Classica Secunda 1985 precision pendulum clock, and it also displays all of the characteristics of a high-quality mechanical wristwatch with self-winding. The Regulateur Classica Secunda satisfies the demands of the manufacture Erwin Sattler in all details.

Clock specialists are paying particular attention to the domed and blued steel hands of the Regulateur wristwatch. Other special features of the Classica Secunda include a stainless steel case made of both polished and matt parts, a hand-sewn rembordered leather strap and a large winding crown designed in the style of a precision clock holder nut. Each item is a one-off product thanks to a lovingly crafted automatic rotor which has been skeletonised and engraved by hand with the company's initials by the master engraver Jochen Benzinger. Custom-made products can also be engraved with any initials that the future owner may want.

One technical highlight of this model is the patented “jump second”: A special additional mechanism causes the second hand to jump forward using several wheels and pinions and a stop spring. This modified automatic movement is fitted by watchmakers from the Erwin Sattler manufacture and enclosed in the case of the Classica Secunda.

Developed in collaboration with Habring Uhrentechnik, the Regulateur Classica Secunda is the portable version of a technical masterstroke with robust aesthetics. It is simply a true Sattler timepiece.



Classic elegance for the wrist – the details in the design of the Regulateur Classica Secunda are reminiscent of the precision pendulum clocks.

HIGHLIGHTS

- “Regulator dial” with hour, minute and small second hand
- Patented “jump second”
- “Small second” at the 12 o'clock position
- Winding crown designed in the style of a precision clock holder nut with milled logo

REGULATEUR CLASSICA SECUNDA MEDIUM

CLASSIC BEAUTY AND MODERN ELEGANCE IN A DISCREET FORM – THE SMALLER VARIANT OF THE WRISTWATCH FROM ERWIN SATTLER.

With the Regulateur Classica Secunda Medium wristwatch, the successful wristwatch comes with a smaller counterpart – a fine piece of jewellery even for leaner wrists. A special manual winding calibre means that the case diameter can be reduced from 44 mm to 38 mm, without foregoing any of the functional refinements of the larger model.

And of course, the discreet wristwatch in the range also resembles the Erwin Sattler precision clocks, thus following its example by showing the “small second” in the solid silver dial at the 12 o'clock position. In addition, like all wristwatches from the clock manufacture, it is also equipped with the so-called “jump second”. Hand-blued hands and a movement bridge that has been hand-skeletonised and engraved complement this impressive performance. The lovingly crafted movement is showcased in a screwed-in stainless steel case with anti-reflective sapphire crystal and screwed-in bracelet end links.



The filigree movement showcases its details on the rear side of the watch. The skeletonised bridge with company initials achieves a simply beautiful colour contrast. Custom-made products can also be engraved with any initials that the future owner may want.



The Regulateur Classica Secunda Medium is significantly smaller than its larger sister. An accessory for every wrist.

HIGHLIGHTS

- Discreet size with 38 mm diameter
- Solid silver dial
- Water-resistance tested up to 5 bar
- Hand-sewn rembordered leather strap
- Folding clasp in stainless steel with Erwin Sattler emblem
- Bezel shape in line with the Sattler precision clock bezel



Diameter 61 mm, height 14 mm

ERWIN SATTLER POCKET WATCH

A SYMBOL OF TIMELESS STYLE, PROOF OF THE FINE ART OF WATCHMAKING AND THE RIGHT BALANCE OF ELEGANCE AND NOBLESSE.

The pocket watch – the classic among portable timepieces.

Limited to 30 pieces, this piece of jewellery from the clock manufacturer Erwin Sattler is an impressive companion that is just as fascinating as it was 100 years ago. It also marks an innovative new approach taken by the company – the production of small clock cases. The solid 750 rose gold case is manufactured entirely in the Gräfelinger manufacture. The shape and design of the four-part case is reminiscent of the wristwatch made by Sattler seven years ago. The curvature of the front and rear sides of the case also creates a link to the classic clock component – the pendulum bob. By using seals and a case construction which is fully fastened by screws, the valuable collectors' item is also protected against penetrating moisture. The dial and movement, protected by a double layer of anti-reflective sapphire crystal, have been made especially for this clock due to its size and sophistication.

The fixtures such as the crown, counter-positioned crown and bow are, of course, also made of solid rose gold. One small point to mention here is that the contours of the crown and counter-positioned crown accurately resemble the clock holder nuts used in precision clocks.



Visual highlights include full skeletonisation, the engravings and the guilloché motifs on the filigree movement. These provide a fantastic view of the inner workings of this mechanical masterpiece. Jochen Benzinger also designed the outer cover ring and clock holder ring of the case in the style of fine clockmaking workmanship. All these parts are plated in rose gold or black rhodium-plated. The result is a distinctly visible combination of exclusivity and exquisiteness.



Visual highlights include the plates on the barrel bridge and escape wheel cocks before and after the elaborate skeletonisation.



The extremely precious “heart” in the manual winding pocket watch – dating back to around 1920 – beats for days gone by. The stunning quality of the components used at that time have thus been brought into the modern era with a stylish and contemporary flair.

However, some parts of the core of the old movement have still been worked on by hand and improvements incorporated. The last missing jewel bearing has been added by means of a screwed-in centre wheel chaton and the delicately worked swan-neck fine adjustment means that the pocket watch can now also be finely adjusted in style. Both of these components have been entirely hand-crafted in the manufacture, from design to production.

The solid silver dial clearly showcases the Sattler gene: Regulator display with a seconds scale which is uppermost, a wonderful minutes track and Roman numerals for hours. This clearly reflects the relationship between the pocket watch and timepieces such as the Classica Secunda 1985 precision clock.

Naturally, the pocket watch also features steel hands that have been domed, polished and blued by hand, thereby adding the finishing touches to this masterpiece. The timepiece is appropriately presented in a hinged box made from lavish macassar and the optional watch chain made from solid 750 rose gold enables classic use of the pocket watch and rounds off the ensemble.



HIGHLIGHTS

- Antique pocket watch from 1920.
- Screw balance with Breguet-style spring
- Domed, anti-reflective sapphire crystal on the front and rear
- Solid silver dial with regulator display

Rose gold version

- Moving parts with hand-crafted skeletonisation, engravings and guilloché motifs
- Optional: Watch chain made from solid 750 rose gold
- Limited to 30 pieces

Silver rhodium-plated version

- Movement plates with Geneva stripes
- Optional: Watch chain made from solid rhodium-plated silver
- Limited to 50 pieces





My specialist area: Connecting electronics with mechanics at the highest level.

Michael Spänle
Technical Manager for Watch Winders

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P R E C I S I O N W A T C H W I N D E R S

Mechanical wristwatches are much more than just timepieces. The allure of this complex technology that takes up so little space and the enthusiasm for a functional accessory with an extremely high aesthetic appeal have made this wristwatch into a coveted collector's item. And thanks to the diversity of interesting objects, enthusiastic wearers often own more than just one wristwatch with classic inner workings. These objects lie in the safe or display case and wait to be used.

Before putting the wristwatch on, the mainsprings must be tensioned, the hands must be adjusted and the date must be set. For models with full calendar in particular, this may take a little time. With the watch winders from the Rotalis series, Erwin Sattler is offering an alternative, which provides optimum conditions for the quality pieces, guarantees a high level of technical performance and, of course, is a piece of jewellery itself.



To keep the weight down, the high-quality centrepiece of the watch winder is milled from aluminium.



The wristwatch holders in the precision watch winders from Erwin Sattler are ideal for particularly large, valuable timepieces.



Each wristwatch has its place: The watch winders are individually programmable via WLAN in order to provide each wristwatch with precisely the right number of rotations per day.

ROTALIS S 10

AESTHETICS, QUALITY AND TECHNOLOGY – ROTALIS IS SETTING STANDARDS IN THE MARKET SEGMENT OF PREMIUM WATCH WINDERS.



The Sattler-Beluwo® watch winder technology, which is protected by the German Patent and Trademark Office, makes Rotalis the most precise and comfortable watch winder. Each wristwatch finds its perfect place because the optimum values can be transferred from an enclosed database that contains more than 8,000 different automatic wristwatches and transmitted to the memory in the watch winder.

The control simulates the daily routine of a wearer through a 16-hour active phase and an 8-hour rest phase. The required rotations each day are optimally distributed over the active phase. Of course, the Rotalis also functions in a conventional way with an intelligent standard programming without specific data transmission. At the end of a winding interval, all watches are repositioned exactly vertically with the 12 o'clock position at the top and are therefore showcased to the beholder from their best side.



Solid chromed aluminium case with carbon front and back cover, LED lighting
Height: 24 cm (open: 46 cm), width: 53.5 cm, depth: 19.5 cm

The Rotalis S 10 can house ten automatic wristwatches. The watches are protected by a glass pane with an impressive swinging mechanism that was developed and produced in the manufacture. The motors, produced by a world-leading Swiss quality manufacturer, and the innovative WLAN technology also make the watch winder a technical masterpiece: Each individual wristwatch-holder can be programmed, operated and controlled with any WLAN-compatible device. The Rotalis S 10 therefore requires no extra operating elements.

HIGHLIGHTS

- WLAN technology for individual programming
- Access to a comprehensive database that contains the rotational speeds as exactly specified by the manufacturer
- Vertical alignment of the wristwatches to the 12 o'clock position while resting
- Wristwatch holder also suitable for very large wristwatches



ROTALIS 30 ROTALIS 60

ENOUGH SPACE FOR ALL YOUR TREASURES – THE ROTALIS 30 AND ROTALIS 60 IMPRESS CUSTOMERS WITH THEIR GENEROUS SPACE, FASCINATING APPEARANCE AND IMPRESSIVE TECHNOLOGY.

The Rotalis 60 is a masterpiece based on the expertise of the clockmakers, precision mechanics and electricians from the clock manufacture, Erwin Sattler. Similar in appearance to two modern flat screens, two 18 mm thick bulletproof glass plates protect the hidden treasures inside. These only become visible in the light of the 100 LED lamps in the cases.

Three precision instruments adorn the elegant front. The decorative Navis 24 is centrally fitted and originates from the mechanical marine clock industry, with eight days of power reserve. It is beautifully completed with a barometer and thermometer to the sides. The central decorative cover allows an individual design of the watch winder in various polished precious wood versions, such as walnut, macassar, black with metal inlays or carbon.

A fingerprint reader is located beside the case. When an authorised person lays their finger on this, the two heavy safety glasses move upwards and downwards at the same time and offer a view of the 60 watch winders with the valuable timepieces. Alternatively, the Rotalis 60 can also be opened using remote control.

Thanks to the Sattler-Beluwo® watch winder technology, which is protected by the German Patent and Trademark Office, the rotational speed and direction of rotation can be precisely controlled for each of the 60 electric motors. The data from more than 8,000 different automatic wrist-watches can be selected directly in the integrated database via WLAN.

Rotalis 30

In all versions and dimensions, the Rotalis 30 (illustration on page 96/97) corresponds to the Rotalis 60. However, the number of installed watch winders is reduced by half, which allows for additional storage of either 48 manual winding watches or other treasures such as rings, chains or cufflinks.

Information about the Navis 24, barometer and thermometer is available on pages 105 and 106.





Height: 200 cm (with extended panes 238 cm), width: 145 cm, depth: 20 cm

PRECISION WATCH WINDERS



Knowing which parts lie behind the dial and how they came into being fills me with pride.

Jürgen Kohler
Master clockmaker

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MARINE CLOCKS & NAUTICAL INSTRUMENTS

Fascinating technology and precise functionality – these characteristics are also properties of marine clocks and nautical instruments which, due to their fundamental importance to naval navigation, require absolute reliability. In the history of seafaring, the intersection of latitude and longitude proved to be the only accurate option for determining location. A sextant, for instance, was used to determine the degree of latitude, while a high-precision marine clock was essential to finding the degree of longitude.

That is all in the past. For a long time, the latest electronics and a global satellite network have ensured that orientation is accurate down to the exact metre. However, to be on the safe side, it is recommended that seafarers also bring along an instrument whose batteries are not going to run out and whose electronic chips cannot break: A precision clock from Erwin Sattler. Not least because of their decorative design, it is also something nice to have on land.



Functional and decorative – elegant instruments can be combined with marine clocks, which provide information on all key nautical aspects.



Despite its significance, determining the longitude was a puzzle to seafarers for a long time, right up until 1759 when John Harrison created a milestone in the history of chronometers with the especially precise H4 pocket watch.



The characteristics of the large precision clocks can also be found in the marine clocks; for example in the "regulator dial" of the Nautis.



Diameter: 21 cm, depth: 9 cm, weight: 8.3 kg
Chromed brass

NAUTIS

PRECISION ON THE HIGH SEA OR IN YOUR OWN HOME – THIS HIGH-QUALITY ON-BOARD TIMEPIECE IS A FUNCTIONAL DECORATION IN ANY ENVIRONMENT.

In former times, not winding an on-board clock was seen as an inexcusable error, since the precise time was extremely important for navigation at sea. Even though today's modern technical equipment has replaced mechanical clocks in shipping, the Nautis continues to meet the demands placed on a marine clock. A steel hand clearly points to the remaining power reserve in an additional segment of the dial, while the clear arrangement of the regulator with decentralised hour hand is used to display the time. The most famous marine chronometers have been fitted with such hour hands for some 200 years.

The result of perfect craftsmanship, domed and blued hands move in front of the silver-plated dial. As a special “extra”, the Nautis offers a plaque that can be individually engraved with the name of the ship or of the owner and which is screwed onto the dial. With its attractive features, this clock is an eye-catching feature in the officer's mess of a yacht or, of course, in any living room.

The precision of any mechanical timekeeper depends on how constantly energy is driven from the spring barrel to the oscillator – on the Nautis, this is ensured by a fusee with steel cable. The marine clock also boasts a gold-plated Swiss lever escapement. In the case of the Nautis, this is a gold-plated Swiss escapement with free lever escapement, a classic screw balance that is regulated and checked according to the most stringent of standards, and a high-quality balance spring. Clock experts know that this timepiece is technical noblesse and is a masterpiece when it comes to its appearance and details.



The water-resistant case, which is made from solid, chromed brass and comes with impressive panorama glazing, allows a glimpse into the heart of the timepiece from the side.

HIGHLIGHTS

- Functional “regulator dial”
- Movement that can be seen through a built-in glass ring
- 15-day power reserve
- Engravable plaque for an individual touch
- Constant driving force thanks to the fusee with steel cable

NAUTIS WORLD TIME NAUTIS BAROMETER

DESIGN AND FUNCTION – THE NAUTIS WORLD TIME AND THE NAUTIS BAROMETER WILL SERVE YOU WELL EITHER INDIVIDUALLY OR TOGETHER, WHETHER ON WATER OR ON LAND.

In addition to the decorative and technically sophisticated characteristics of the popular Nautis, the new Nautis World Time also offers a 24-hour world time display – a useful extra for anyone voyaging on the high seas, and perfect for open-minded cosmopolitans.

The barometer from the Nautis line is resplendent with a dial made from anodised aluminium, blued hands and two German-made precision aneroid capsules. It therefore serves as a wonderfully beautiful yet functional complement to the Nautis or the Nautis World Time.



Diameter: 21 cm, depth: 9 cm, Chromed brass

HIGHLIGHTS

Nautis World Time

- Continuously updated 24-hour world time display
- Central hour and minute hands
- Water-resistant case made from solid, chromed brass
- Constant driving force thanks to the fusee with steel cable

Nautis Barometer

- German-made precision aneroid capsule
- Blued steel hands
- Solid chromed brass case
- Robust dial made from anodised aluminium





NAVIS

NAVIS 24

MARITIME ATMOSPHERE FOR THE HOME OR SEAFARING ROMANTICISM ON THE SHIP – BOTH VERSIONS OF THE NAVIS COMBINE NOSTALGIC TICKING WITH MODERN TECHNOLOGY.

The robust case, which is manufactured in brass and then chromed, is not only visually appealing – it also protects the high-quality movement from moisture. A valuable quality, whether in the bathroom or on the high seas. Anti-reflective mineral glass provides a clear view of the beautiful, anodised dial on the Navis, with its hand-crafted and blued hands. This medium-sized marine clock will serve its owner for eight days before it has to be manually wound. And to do this, simply open the solid bezel by its bayonet catch.

The clock boasts a special decorative feature with its divulgence of a technical secret: A cutaway in the dial provides a clear view of the screw balance in the Swiss lever escapement. On request, a personalised engraved plaque can also be provided. The Navis will then always show the world where it belongs or who owns it.

The second clock version, the Navis 24, offers two additional functions: A second time zone means that UTC (Universal Time Coordination) can be displayed, which is a useful option for sea travel. When used on land, a different number of hours can be set at your own discretion. The date display in the second subsidiary dial is yet another additional function of the Navis 24.



Diameter: 18 cm, depth: 7,5 cm, weight: approx. 5 kg
Chromed brass

NAVALIS & NAUTICAL INSTRUMENTS

KEEP AN EYE ON EVERYTHING ON A BOAT OR IN THE LIVING ROOM – A WONDERFUL SELECTION OF FUNCTIONAL INSTRUMENTS HAS BEEN ADDED TO THE SMALLEST MARINE CLOCK IN THE RANGE.

The case of the charming Navalis is crafted in solid brass, finely polished and chromed. High-quality mineral glass provides a clear view of the glass-pearl-blasted, anodised dial and the lovingly hand-crafted, blued hands. An optional plaque, engraved with the name of the ship or the owner, can be screwed onto the dial.

For the ideal visual combination, the Navalis quartz clock and the nautical auxiliary instruments from Erwin Sattler all have the same case.

The cases of the barometer, thermometer and hygrometer are also crafted in solid brass, finely polished and then chromed to protect against corrosion. In each case, three screws can be used to secure these simple, yet classic, instruments onboard the ship. And a simple hanging device is provided in the back of the clock for mounting at home.

The blue, Breguet-style, steel hands, with their characteristic counterweights, precisely indicate each of the measurements – aesthetics meet technical precision. The thermometer shows the temperature in degrees Celsius or Fahrenheit, if required. The barometer with aneroid capsule measurement also possesses an indicator to mark the actual air pressure in hPa or inches. The third device is a precision hygrometer that uses so-called Supratherm technology to illustrate relative humidity as a percentage.

Diameter: 11.5 cm, depth: 4 cm
Chromed brass





I have a great deal of respect for the centuries-old clock-making tradition and take great pleasure in keeping it going on a day-to-day basis.

Maximilian Müller
Master clockmaker

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INNOVATIONS

The craft of clock-making is an ancient art, but it is an art that is not one bit outdated. Empirical values are used as the basis for new technical possibilities, new ideas are generated and extraordinary designs are made a reality. Classic, timeless and modern clocks in all shapes and sizes are becoming increasingly popular. The manufacture Erwin Sattler attaches great importance to the further

development of existing products and to implementing innovative concepts that are always of the highest level of quality and in keeping with the company's philosophy, in order to create timepieces for generations. This results in fascinating innovations that, in the best tradition, meet the usual technical and aesthetic demands and, at the same time, break completely new ground.



Paris, Hong Kong or New York – the world-time display in the Atlantis Modul is a particularly useful feature for globetrotters.



The AERO Sideboard will captivate both clock collectors and music lovers alike with its fascinating design and innovative technology.



A new dimension: The impressive size and fine detail of the Maxima Secunda is inspiring.

AERO SIDEBOARD

AN UNUSUAL PIECE OF FURNITURE THAT SUCCESSFULLY
COMBINES NEW FUNCTIONS AND SOUNDS.



The harmonious shapes of the AERO sideboard are simple yet exciting, while its construction is strong and sturdy. The link with aviation is clear to see – its style is inspired by the dynamism of aeroplanes. However, the AERO sideboard from Erwin Sattler is impressive not just because of its unusual ergonomic design – it also acts as a functional piece of furniture.

The centre compartment houses an integrated safe with ten precision watch winders and additional Alcantara-covered storage options for wristwatches and jewellery. Behind the side doors, you find another 20 watch winders. In addition to the safe, the space behind the two locked doors hides a plethora of other treasures: Ten manual winding watches on soft Alcantara cushions, pens in four compartments as well as rings and cufflinks on the right-hand side, another eight clocks on the left-hand side and more beautiful pieces in the five drawers. The door of the safe, the centre doors and the front covers of the drawers are covered in fine leather. This is what puts the AERO-design sideboard in a

class of its own; the functional piece of furniture accentuates its unique appearance. Bright LED lights illuminate the collectibles stored within.

For music lovers, the sideboard conceals a tuneful surprise in the form of a WoVi sound system. WoVi – WoodVibration – is a unique, invisible sound solution that uses exciter technology and has been specially adapted to the piece of furniture. Instead of the sideboard being fitted with conventional speakers, the entire surface of its doors acts as the speaker diaphragm. The advantage of this is that the diaphragm contains no rubber or foam parts, which harden over time and can have an adverse effect on the quality of the sound. Boasting the “Handmade in Germany” hallmark, the system combines materials used in air and space technology with the premium materials used in the AERO sideboard. The system can be controlled via Bluetooth or WLAN and produces an incomparable sound quality. This fascinating feat of engineering epitomises quality, exclusivity and functionality in all its components – thus fulfilling the promise of the Erwin Sattler brand.





In addition to precision watch winders, the Sideboard offers additional space in its side compartments. The WoVi sound system makes the entire door into a diaphragm and will impress with its unforgettable sound quality.



The integrated safe in the middle section provides space for 10 particularly valuable timepieces. The precision watch winders have the features of the Rotalis series described above, such as the ability to be individually programmed and vertical alignment of the wristwatches on stopping. High-quality materials are used to make the clock look appealing and keep even more precious pieces of jewellery safe.





Height: 304 cm, width: 82 cm, depth: 37 cm
Black varnish with macassar cassette and metal inlays

MAXIMA SECUNDA

THE MAGNIFICENT MASTERPIECE FROM THE ERWIN SATTLER BRAND. COMBINING THE FINEST CLOCK-MAKING TRADITION WITH MECHANICAL PERFECTION ENSURES ACCURACY TO THE EXACT SECOND.

The new Maxima Secunda model expands clock manufacturer Erwin Sattler's precision pendulum clock range "upwards".

The idea of doubling the proportions of the manufacturer's previous flagship, the Classica Secunda 1995, preceded this complete reconstruction of an XL precision pendulum clock. The results can now be seen properly; the Gräfelfingen clockmaker has succeeded in creating such an extraordinary clock with a one-month power reserve.

Equipped with all the same details which also distinguish its smaller siblings in the manufacturer's precision clock range, the Maxima Secunda, with its 1.5-second pendulum, is a truly prodigious precision pendulum clock. Therefore, for example, a temperature-compensated Invar pendulum with air-pressure compensation was developed. Of course, all gear wheels have been geared and gold-plated as part of the sub-process. The Graham escapement, with its 20-toothed escape wheel, prevents early expiration of the weight in conjunction with the adjustable agate pallets in the pallet lever. The body of the pendulum is designed as a classic double cylinder.

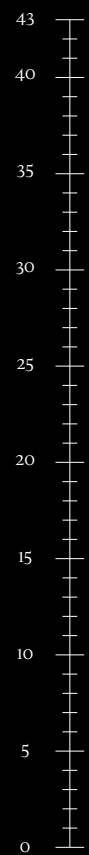


Joint owner of the manufacture Richard Müller demonstrates how the Maxima Secunda is wound on the dial using the lovingly crafted winder that has been supplied. It goes without saying that this impressive timepiece also comes with a wooden library-style ladder made of cherry wood.

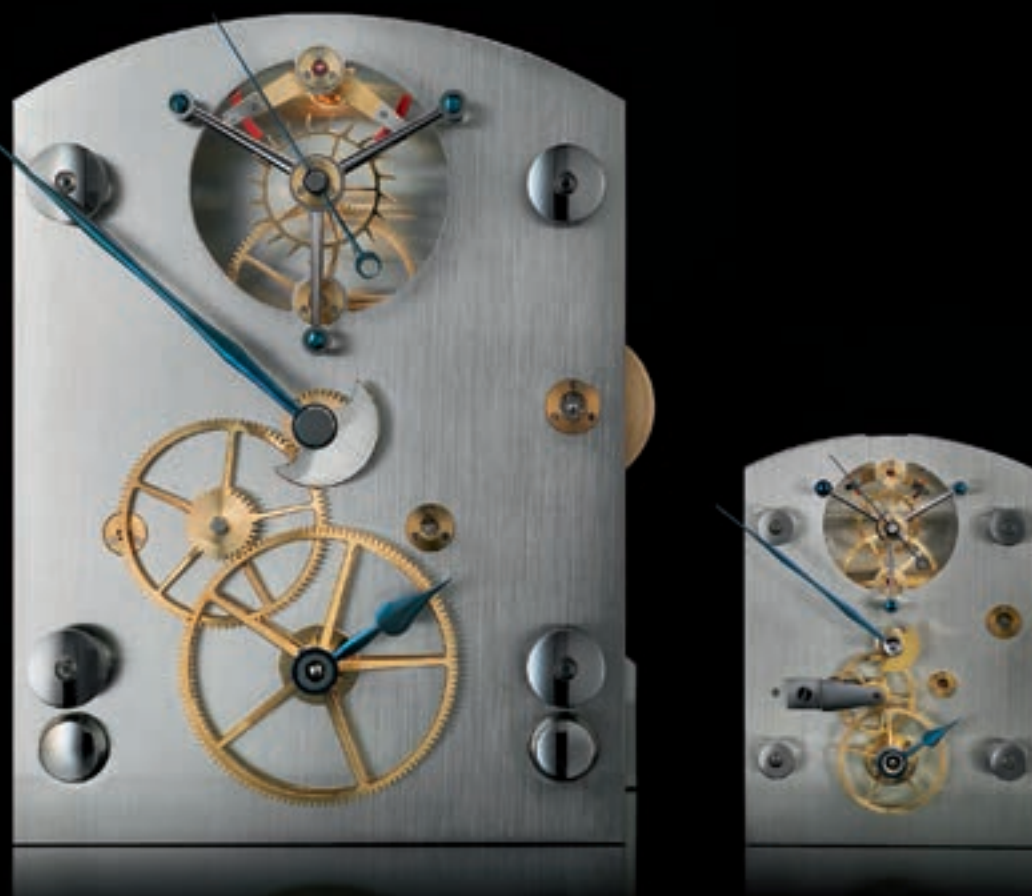


Impressive yet delicate, the glass case provides a view of the inner workings of the Maxima Secunda. High-quality materials such as Invar, stainless steel, brass and aluminium combine to form an attractive and functional piece.

Further information on the Maxima Secunda is available upon request.



(Dimensions
in cm)



The fascinating movement in the Maxima Secunda differs from the movements in the manufacture's classic precision pendulum clocks primarily in its size. When comparing sizes, the movement in a standard-sized precision pendulum clock (on the right of the picture) looks miniature.



The impressive movement rests on an equally large movement retaining plate, which connects the heart of the clock with its case. Made from a sturdy brass plate that is 6 mm thick, the retainer ensures that the movement remains stable enough to enable a timepiece of this size to work.

The intricacies of the movement are fascinating – their sheer beauty stems from the premium-quality materials they are made of and their precise workmanship.



The ball-bearing winding crank with pawl system not only fulfils its purpose but is also a lovingly finished accessory. The interaction between the gear wheel and the two pawls can be observed through a miniature glass dome.

The collapsible library-style ladder is hand made from cherry wood and facilitates the monthly winding of the clock. The rear side rails act as extra grips and provide a secure hold on the top levels.



ATLANTIS ORBIS

PRECISION CLOCK WITH GIMBAL SUSPENSION AND WORLD TIME DISPLAY, INTEGRATED INTO A TABLE THAT IS EXCEPTIONALLY CLEAR.

Even the name of this new piece of art, Atlantis Orbis, reveals a lot about its appearance – the circular cocktail table with built-in Atlantis Modul emphasises the high design and functional demands placed on it by its owner. Whether in the sophisticated ambience of a luxury yacht, in a representative conference room, or in private rooms – the Atlantis Modul finds its place.

Thanks to the generous use of solid metal, combined with a domed mineral glass, a hand-crafted masterpiece has been born. One particularly impressive detail is the 12 swinging feet, which are milled from solid brass or aluminium blocks. The milling process for just one of the lower feet

demands ten hours of highly precise work. To complete the clock, all of the metal elements are polished by hand and chromed.

In addition to the sophisticated design, the Atlantis Orbis also offers technical features, such as a precision movement with constant power. Its traditional, motivated, anodised “regulator dial” is complemented by a display showing the remaining power reserve and an additional 24-hour display. In addition, all of the different world time zones can be read on a horizontal scale. The clock’s gimbal suspension always ensures that it is in a horizontal position, while the tip displays the heeling of the ship up to 30 degrees.



ATLANTIS TABLE

INTEGRATED INTO AN EXCLUSIVE MACASSAR COCKTAIL TABLE,
THE ATLANTIS TASTEFULLY FITS INTO ALMOST ANY LIVING SPACE.

In a luxurious macassar cocktail table with solid metal inlays and chromed brass feet, the Atlantis is showcased in a particularly beautiful, timeless form. With 13 layers of varnish, finished wooden components and four inserted smoked glass panes lend this extraordinary piece of furniture its unique character.

The scale of the world time clock and the heeling plate of the Atlantis Modul shine in the mysterious light of the 24 LED lights, which are positioned in the upper pillars.

The lights are supplied with energy from batteries that are strategically located in the table feet.

The built-in Atlantis Modul is made up of perfect technology and fine materials. The heeling display up to 30 degrees, world time display and 24-hour display are practical functions that are indispensable for seafaring and give the clock its attractive look. A separate display provides information about the current remaining power reserve.





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TECHNICAL DATA

Erwin Sattler clocks are delightful – not only because of their stylish design, but also because, as timepieces, they are technically very sophisticated. Their inner beauty lies in their elaborate, masterful detail, which is revealed on the following pages.



CLASSICA SECUNDA 1985



Black varnish



Black varnish with walnut
root wood cassette



Walnut with walnut root
wood cassette



Cherry with olive root
wood cassette

Case Height: 145 cm, width: 37 cm, depth: 18 cm
Crystals Bevelled mineral glass
Movement Sattler calibre 1955-4
Power reserve 30 days
Drive Weight 3,100 g with pulley
Oscillator Invar pendulum Ø 12 mm, temperature and air-pressure compensation from 5 aneroid capsules with air pressure display in mm/Hg
Ball bearings 5 precision ball bearings
Jewel bearings 9 in screwed-in chatons, 2 agate anchor pallets
Dial Silver-plated, engraved
Beat rate 3600/h = 60/min



CLASSICA SECUNDA 1995



Black varnish



Black varnish with walnut
root wood cassette



Walnut with walnut root
wood cassette



Cherry with olive root
wood cassette

Case Height: 145 cm, width: 37 cm, depth: 18 cm
Crystals Bevelled mineral glass
Movement Sattler calibre 1965
Power reserve 30 days
Drive Weight 3,100 g with pulley
Oscillator Invar pendulum Ø 12 mm, temperature and air-pressure compensation from 5 aneroid capsules with air pressure display in mm/Hg
Ball bearings 5 precision ball bearings
Jewel bearings 11 in screwed-in chatons, 2 agate anchor pallets
Dial Silver-plated, engraved, cutaway in seconds dial, visible escapement (Graham)
Beat rate 3600/h = 60/min



SECUNDA LUNARIS



Black varnish



Black varnish with walnut
root wood cassette



Walnut with walnut root
wood cassette



Cherry with olive root
wood cassette

Case Height: 145 cm, width: 37 cm, depth: 18 cm
Crystals Bevelled mineral glass
Movement Sattler calibre 1915
Power reserve 30 days
Drive Weight 4,500 g with pulley
Oscillator Invar pendulum Ø 12 mm, temperature and air-pressure compensation from 5 aneroid capsules with air pressure display in mm/Hg
Ball bearings 9 precision ball bearings
Jewel bearings 6 in screwed-in chatons, 2 agate anchor pallets
Dial Silver-plated, hand-painted moon disc, cutaway in seconds dial, visible escapement (Graham), date and day display
Beat rate 3600/h = 60/min



SECUNDA SONATA



Black varnish
with metal inlays



Black varnish
with macassar cassette
and metal inlays

Case Height: 145 cm, width: 37 cm, depth: 18 cm
Crystals Bevelled mineral glass
Movement Sattler calibre 2015
Power reserve 30 days
Drive Weight going train 4,500 g with pulley, weight strike train 5,000 g with pulley
Oscillator Invar pendulum Ø 12 mm, temperature and air-pressure compensation with twin barometer
Ball bearings 20 precision ball bearings
Jewel bearings 4 in screwed-in chatons, 2 agate anchor pallets
Dial Silver-plated, hand-painted moon disc, cutaway in seconds dial, visible escapement (Graham)
Strike train Half-hour rack strike train with gong, strike train silencer
Beat rate 3600/h = 60/min



OPUS TEMPORIS



Black varnish
with macassar cassette
and metal inlays

| | |
|----------------|--|
| Case | Height: 152 cm, width: 39 cm, depth: 22 cm |
| Crystals | Mineral glass |
| Movement | Sattler calibre 2050 |
| Power reserve | 30 days |
| Drive | Weight going train 6,800 g with pulley, weight strike train 6,800 g with pulley |
| Oscillator | Invar pendulum Ø 12 mm, temperature and air-pressure compensation with twin barometer |
| Ball bearings | 48 precision ball bearings |
| Jewel bearings | 4 in screwed-in chatons, 2 agate anchor pallets |
| Dial | Silver-plated, quartered, three-dimensional moon phase with 10 diamonds (0.10 ct), funnel-shaped starry sky, perpetual calendar, sweep second hand, anniversary plaque "50 years of Erwin Sattler" |
| Strike train | Half-hour rack strike train with tubular gong, strike train silencer |
| Limited | to 50 pieces |
| Beat rate | 3600/h = 60/min |



METALLICA 1735



Black varnish with metal
inlays, hand-polished



Black varnish with walnut
root wood cassette and
metal inlays, hand-polished



Walnut with metal inlays,
hand-polished

| | |
|----------------|--|
| Case | Height: 105 cm, width: 27 cm, depth: 14 cm |
| Crystals | Anti-reflective mineral glass |
| Movement | Sattler calibre 2005 |
| Power reserve | 30 days |
| Drive | Weight 3,500 g with pulley |
| Oscillator | Invar pendulum Ø 8 mm, temperature and air-pressure compensation |
| Ball bearings | 8 precision ball bearings |
| Jewel bearings | 6 in screwed-in chatons, 2 agate anchor pallets |
| Dial | Anodised, cutaway in seconds dial, visible escapement (Graham) |
| Beat rate | 4320/h = 72/min |



METALLICA ROTALIS



Black varnish with
metal inlays and ebony
verde wood cassette,
hand-polished

| | |
|----------------|--|
| Case | Height: 102 cm, width: 50 cm (open: 73 cm), depth: 37 cm |
| Crystals | Mineral glass |
| Total weight | 40 kg |
| Movement | Sattler calibre 2005 |
| Power reserve | 30 days |
| Drive | Weight: 3,500 g with pulley, weight opening mechanism: 1,000 g |
| Oscillator | Invar pendulum Ø 8 mm, temperature and air-pressure compensation |
| Ball bearings | 8 precision ball bearings |
| Jewel bearings | 6 in screwed-in chatons, 2 agate anchor pallets |
| Dial | Anodised, cutaway in seconds dial, visible escapement (Graham) |
| Beat rate | 4320/h = 72/min |
| Winders | 8 precision watch winders, individually programmable, 12 o'clock position |
| Drive | 8 motors |
| Ball bearings | 8 precision ball bearings |
| Data transfer | WLAN |
| Power supply | 110-230 V |
| Fitting | Barometer: hPa and inches, Thermometer: °C and °F, LED illumination, rotating satellites |



CLASSICA 60

PAGE 32 – 33



Black varnish



Cherry

| | |
|----------------|--|
| Case | Height: 56.5 cm, width: 15.5 cm, depth: 9 cm |
| | Door closure with small hooks |
| Crystals | Mineral glass |
| Movement | Sattler calibre 1300-4 |
| Power reserve | 7 days |
| Drive | Weight 700 g with pulley |
| Oscillator | Wood rod pendulum |
| Ball bearings | 2 precision ball bearings |
| Jewel bearings | 7 |
| Dial | Enamelled |
| Beat rate | 5670/h = 94.5/min |



Dial 1: Roman



Dial 2: Arabic



Dial 3: Modern Arabic

CLASSICA 60 M

PAGE 34 – 35



Black varnish
with metal inlays



Black varnish with
macassar cassette and
metal inlays

| | |
|----------------|--|
| Case | Height: 56.5 cm, width: 15.5 cm, depth: 9.5 cm |
| | Door with magnetic closure |
| Crystals | Anti-reflective mineral glass |
| Movement | Sattler calibre 1300-4 |
| Power reserve | 7 days |
| Drive | Weight 700 g with pulley |
| Oscillator | Wood rod pendulum |
| Ball bearings | 2 precision ball bearings |
| Jewel bearings | 7 |
| Dial | Enamelled |
| Beat rate | 5670/h = 94.5/min |



Dial 1: Roman



Dial 2: Arabic



Dial 3: Modern Arabic

CLASSICA S70

PAGE 38 – 39



Black varnish



Bird's eye maple
with jacaranda inlays
and black rim and base

| | |
|----------------|--|
| Case | Height: 70 cm, width: 20.5 cm, depth: 10.5 cm |
| | Door closure with small hooks |
| Crystals | Bevelled mineral glass |
| Movement | Sattler calibre 1400-4 |
| Power reserve | 7 days |
| Drive | 2 weights each 1,000 g with pulleys |
| Oscillator | Wood rod pendulum |
| Ball bearings | 4 precision ball bearings |
| Jewel bearings | 15 |
| Dial | Enamelled |
| Strike train | Half-hour rack strike train with gong, hour repeat, strike train silencer |
| Beat rate | 5184/h = 86.4/min |



Dial 1: Roman



Dial 2: Arabic



Dial 3: Modern Arabic

CLASSICA S70 M

PAGE 38 – 39



Black varnish with
metal inlays



Black varnish with
macassar cassette
and metal inlays

| | |
|----------------|--|
| Case | Height: 70 cm, width: 20.5 cm, depth: 10 cm |
| | Door with magnetic closure |
| Crystals | Anti-reflective mineral glass |
| Movement | Sattler calibre 1400-4 |
| Power reserve | 7 days |
| Drive | 2 weights each 1,000 g with pulleys |
| Oscillator | Wood rod pendulum |
| Ball bearings | 4 precision ball bearings |
| Jewel bearings | 15 |
| Dial | Enamelled |
| Strike train | Half-hour rack strike train with gong, hour repeat, strike train silencer |
| Beat rate | 5184/h = 86.4/min |



Dial 1: Roman



Dial 2: Arabic



Dial 3: Modern Arabic



Black varnish



Yew with jacaranda inlays and black rim and base

| | |
|----------------|--|
| Case | Height: 98 cm, width: 27,5 cm, depth: 10,5 cm Door closure with small hooks |
| Crystals | Bevelled mineral glass |
| Movement | Sattler calibre 1525-4 |
| Power reserve | 30 days |
| Drive | 2 weights each 1,600 g with pulleys |
| Oscillator | Wood rod pendulum |
| Ball bearings | 8 precision ball bearings |
| Jewel bearings | 15 |
| Dial | Enamelled |
| Strike train | Half-hour rack strike train with gong, hour repeat, power-maintaining mechanism, strike train silencer |
| Beat rate | 4320/h = 72/min |



Dial 1: Roman



Dial 2: Modern Arabic



Black varnish with metal inlays



Black varnish with macassar cassette and metal inlays

| | |
|----------------|--|
| Case | Height: 98 cm, width: 27,5 cm, depth: 10 cm Door with magnetic closure |
| Crystals | Anti-reflective mineral glass |
| Movement | Sattler calibre 1525-4 |
| Power reserve | 30 days |
| Drive | 2 weights each 1,600 g with pulleys |
| Oscillator | Wood rod pendulum |
| Ball bearings | 8 precision ball bearings |
| Jewel bearings | 15 |
| Dial | Enamelled |
| Strike train | Half-hour rack strike train with gong, hour repeat, power-maintaining mechanism, strike train silencer |
| Beat rate | 4320/h = 72/min |



Dial 1: Roman



Dial 2: Modern Arabic



Black varnish

| | |
|----------------|--|
| Case | Height: 130,5 cm, width: 27,5 cm, depth: 11 cm Door closure with small hooks |
| Crystals | Bevelled mineral glass |
| Movement | Sattler calibre 1625-4 |
| Power reserve | 30 days |
| Drive | Weight going train 2,000 g with pulley weight strike train 1,600 g with pulley |
| Oscillator | Wood rod pendulum |
| Ball bearings | 8 precision ball bearings |
| Jewel bearings | 15 |
| Dial | Enamelled |
| Strike train | Half-hour rack strike train with gong, hour repeat, power-maintaining mechanism, strike train silencer |
| Beat rate | 3600/h = 60/min |



Dial 1: Roman



Dial 2: Modern Arabic



Black varnish with metal inlays



Black varnish with macassar cassette and metal inlays

| | |
|----------------|---|
| Case | Height: 70 cm, width: 20,5 cm, depth: 10 cm Door with magnetic closure |
| Crystals | Anti-reflective mineral glass |
| Movement | Classica K 70 M: Sattler calibre 1425 Classica D 70 M: Sattler calibre 1435 |
| Power reserve | 30 days |
| Drive | Weight 2,700 g with pulley |
| Oscillator | Wood rod pendulum |
| Ball bearings | 6 precision ball bearings |
| Jewel bearings | 9 |
| Dial | Classica K 70 M: Anodised aluminium, three-dimensional hand-painted spherical moon, modern Arabic Classica D 70 M: Anodised aluminium, big date, modern Arabic |
| Strike train | Classica D 70 M: Passing strike with gong |
| Beat rate | 5184/h = 86.4/min |



Black varnish with metal inlays



Black varnish with macassar cassette and metal inlays



Dial
Classica K 70 M



Dial
Classica D 70 M

CLASSICA K100

PAGE 46



Black varnish



Yew with jacaranda inlays
and black rim and base

| | |
|----------------|--|
| Case | Height: 98 cm, width: 27,5 cm, depth: 10,5 cm Door closure with small hooks |
| Crystals | Bevelled mineral glass |
| Movement | Sattler calibre 1565-4 |
| Power reserve | 30 days |
| Drive | Weight 1,600 g with pulley |
| Oscillator | Wood rod pendulum |
| Ball bearings | 4 precision ball bearings |
| Jewel bearings | 7 |
| Dial | Silver-plated, hand-painted moon disc, date and day display, Roman |
| Beat rate | 4320/h = 72/min |



CLASSICA K100 M

PAGE 46



Black varnish with
metal inlays



Black varnish with
macassar cassette and
metal inlays

| | |
|----------------|---|
| Case | Height: 98 cm, width: 27,5 cm, depth: 10 cm Door with magnetic closure |
| Crystals | Anti-reflective mineral glass |
| Movement | Sattler calibre 1565-4 |
| Power reserve | 30 days |
| Drive | Weight 1,600 g with pulley |
| Oscillator | Wood rod pendulum |
| Ball bearings | 4 precision ball bearings |
| Jewel bearings | 7 |
| Dial | Silver-plated, hand-painted moon disc, date and day display, Roman |
| Beat rate | 4320/h = 72/min |



CLASSICA K130

PAGE 47



Black varnish

| | |
|----------------|---|
| Case | Height: 130,5 cm, width: 27,5 cm, depth: 11 cm Door closure with small hooks |
| Crystals | Bevelled mineral glass |
| Movement | Sattler calibre 1665-4 |
| Power reserve | 30 days |
| Drive | Weight 2,000 g with pulley |
| Oscillator | Wood rod pendulum |
| Ball bearings | 4 precision ball bearings |
| Jewel bearings | 7 |
| Dial | Silver-plated, hand-painted moon disc, date and day display, Roman |
| Beat rate | 3600/h = 60/min |



CLASSICA KS100

PAGE 52



Black varnish



Yew with jacaranda inlays
and black rim and base

| | |
|----------------|---|
| Case | Height: 98 cm, width: 27,5 cm, depth: 10,5 cm Door closure with small hooks |
| Crystals | Bevelled mineral glass |
| Movement | Sattler calibre 1575 |
| Power reserve | 30 days |
| Drive | Weight going train 2,000 g with pulley, weight strike train 1,600 g with pulley |
| Oscillator | Wood rod pendulum |
| Ball bearings | 8 precision ball bearings |
| Jewel bearings | 15 |
| Dial | Silver-plated, hand-painted moon disc, date and day display |
| Strike train | Half-hour rack strike train with gong, hour repeat, power-maintaining mechanism, strike train silencer |
| Beat rate | 4320/h = 72/min |



Dial 1: Roman



Dial 2: Modern Arabic

CLASSICA KS 100 M

PAGE 52



Black varnish with metal inlays

Black varnish with macassar cassette and metal inlays

| | |
|----------------|--|
| Case | Height: 98 cm, width: 27,5 cm, depth: 10 cm Door with magnetic closure |
| Crystals | Anti-reflective mineral glass |
| Movement | Sattler calibre 1575 |
| Power reserve | 30 days |
| Drive | Weight going train 2,000 g with pulley, weight strike train 1,600 g with pulley |
| Oscillator | Wood rod pendulum |
| Ball bearings | 8 precision ball bearings |
| Jewel bearings | 15 |
| Dial | Silver-plated, hand-painted moon disc, date and day display |
| Strike train | Half-hour rack strike train with gong, hour repeat, power-maintaining mechanism, strike train silencer |
| Beat rate | 4320/h = 72/min |



Dial 1: Roman

Dial 2: Modern Arabic

CLASSICA KS 130

PAGE 53



Black varnish

| | |
|----------------|--|
| Case | Height: 130,5 cm, width: 27,5 cm, depth: 11 cm Door closure with small hooks |
| Crystals | Bevelled mineral glass |
| Movement | Sattler calibre 1675 |
| Power reserve | 30 days |
| Drive | Weight going train 2,000 g with pulley, weight strike train 1,600 g with pulley |
| Oscillator | Wood rod pendulum |
| Ball bearings | 8 precision ball bearings |
| Jewel bearings | 15 |
| Dial | Silver-plated, hand-painted moon disc, date and day display |
| Strike train | Half-hour rack strike train with gong, hour repeat, power-maintaining mechanism, strike train silencer |
| Beat rate | 3600/h = 60/min |



Dial 1: Roman

Dial 2: Modern Arabic

LUNARIS

PAGE 58 – 59



Brass, polished and chromed

| | |
|---------------|---|
| Case | Height: 23 cm, width: 16 cm, depth: 8 cm |
| Weight | 6 kg |
| Crystals | Cut mineral glass |
| Movement | Sattler calibre 2004 |
| Power reserve | 8 days |
| Drive | Mainspring with gear stopwork for constant force, free Swiss lever escapement |
| Oscillator | Swiss escapement with screw balance |
| Ball bearings | 12 precision ball bearings |
| Jewels | 11 |
| Dial | Anodised aluminium, hand-painted moon disc, Roman |
| Strike train | Passing strike with bell |

METRICA

PAGE 60 – 61



Black varnish with metal inlays, hand-polished



Walnut with metal inlays, hand-polished

| | |
|---------------|--|
| Case | Height: 29 cm, width: 19,5 cm, depth: 12,5 cm |
| Weight | 5,600 g |
| Crystals | Anti-reflective mineral glass |
| Movement | Sattler calibre 1385 |
| Power reserve | 15 days |
| Drive | Mainspring with fusee for constant force |
| Oscillator | Swiss escapement with screw balance |
| Ball bearings | 12 precision ball bearings |
| Jewels | 11 |
| Dial | Silver-plated, power reserve indicator, date display, "small second" |

STELLARIS

PAGE 62 – 63



Brass, polished and chromed

| | |
|---------------|---|
| Case | Height: 15,5 cm, width: 12 cm, depth: 7,5 cm |
| Weight | 3,800 g |
| Crystals | Cut mineral glass |
| Movement | Sattler calibre 2007-2 |
| Power reserve | 8 days |
| Drive | Mainspring with gear stopwork for constant force, free Swiss lever escapement |
| Oscillator | Swiss escapement with screw balance |
| Ball bearings | 12 precision ball bearings |
| Jewels | 11 |
| Dial | Anodised aluminium |

TABLE CLOCK BY AUDI DESIGN

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Brass, PVD (physical-vapour-deposition)-coated, glass



| | |
|---------------|---|
| Case | Height: 25,6 cm, width: 17,7 cm, depth: 8,3 cm |
| Crystals | Cut mineral glass |
| Movement | Sattler calibre AD 01, ruthenium and rhodium-coated |
| Power reserve | 8 days |
| Drive | Mainspring with gear stopwork for constant force |
| Beat rate | 18000/h = 300/min |
| Oscillator | Swiss lever escapement and screw balance |
| Ball bearings | 12 precision ball bearings |
| Jewels | 11 |



Black varnish
with metal inlays

Black varnish
with macassar cassette
and metal inlays

| | |
|----------------|--|
| Case | Height: 218 cm, width: 48 cm, (watch winders extended: 70 cm), depth: 39 cm, requires wall mounting at the dial height Door with magnetic closure |
| Crystals | Bevelled mineral glass |
| Movement | Sattler calibre 1965 |
| Power reserve | 30 days |
| Drive | Weight 3,100 g with pulley |
| Oscillator | Invar pendulum Ø 12 mm, temperature and air-pressure compensation from 5 aneroid capsules with air pressure display in mm/Hg |
| Ball bearings | 5 precision ball bearings |
| Jewel bearings | 11 in screwed-in chatons, 2 agate anchor pallets |
| Dial | Silver-plated, engraved, cutaway in seconds dial, visible escapement (Graham) |
| Base | Clock base with safe |
| Winders | 16 precision watch winders, sideways extendible, individually programmable via WLAN |
| Beat rate | 3600/h = 60/min |



Black varnish
with metal inlays

Black varnish
with macassar cassette
and metal inlays

| | |
|----------------|--|
| Case | Height: 218 cm, width: 48 cm, (watch winders extended: 70 cm), depth: 39 cm, requires wall mounting at the dial height Door with magnetic closure |
| Crystals | Bevelled mineral glass |
| Movement | Sattler calibre 1915 |
| Power reserve | 30 days |
| Drive | Weight 4,500 g with pulley |
| Oscillator | Invar pendulum Ø 12 mm, temperature and air-pressure compensation from 5 aneroid capsules with air pressure display in mm/Hg |
| Ball bearings | 9 precision ball bearings |
| Jewel bearings | 6 in screwed-in chatons, 2 agate anchor pallets |
| Dial | Silver-plated, hand-painted moon disc, cutaway in seconds dial, visible escapement (Graham), date and day display |
| Base | Clock base with safe |
| Winders | 16 precision watch winders, sideways extendible, individually programmable via WLAN |
| Beat rate | 3600/h = 60/min |



Black varnish
with metal inlays

Black varnish
with macassar cassette
and metal inlays

| | |
|----------------|--|
| Case | Height: 218 cm, width: 48 cm, (watch winders extended: 70 cm), depth: 39 cm, requires wall mounting at the dial height Door with magnetic closure |
| Crystals | Bevelled mineral glass |
| Movement | Sattler calibre 2015 |
| Power reserve | 30 days |
| Drive | Weight going train 4,500 g with pulley, weight strike train 5,000 g with pulley |
| Oscillator | Invar pendulum Ø 12 mm, temperature and air-pressure compensation with twin barometer |
| Ball bearings | 20 precision ball bearings |
| Jewel bearings | 4 in screwed-in chatons, 2 agate anchor pallets |
| Dial | Silver-plated, hand-painted moon disc, cutaway in seconds dial, visible escapement (Graham) |
| Base | Clock base with safe |
| Winders | 16 precision watch winders, sideways extendible, individually programmable via WLAN |
| Strike train | Half-hour rack strike train with gong, strike train silencer |
| Beat rate | 3600/h = 60/min |



Black varnish
with macassar cassette
and metal inlays

| | |
|----------------|---|
| Case | Height: 222 cm, width base: 47.5 cm, (watch winders extended: 72 cm), depth: 43 cm, requires wall mounting at the dial height Door with magnetic closure |
| Crystals | Mineral glass |
| Movement | Sattler calibre 2050 |
| Power reserve | 30 days |
| Drive | Weight going train 6,800 g with pulley, weight strike train 6,800 g with pulley |
| Oscillator | Invar pendulum Ø 12 mm, temperature and air-pressure compensation with twin barometer |
| Ball bearings | 48 precision ball bearings |
| Jewel bearings | 4 in screwed-in chatons, 2 agate anchor pallets |
| Dial | Silver-plated, quartered, three-dimensional moon phase with 10 diamonds (0.10 ct), funnel-shaped starry sky, perpetual calendar, sweep second hand |
| Base | Clock base with safe |
| Winders | 16 precision watch winders, sideways extendible, individually programmable via WLAN |
| Strike train | Half-hour rack strike train with tubular gong, strike train silencer |
| Beat rate | 3600/h = 60/min |





Black varnish

| | |
|----------------|--|
| Case | Height: 185 cm, width: 29 cm, depth: 11 cm Requires wall mounting at the dial height Door closure with small hooks |
| Crystals | Bevelled mineral glass |
| Movement | Sattler calibre 1625-4 |
| Power reserve | 30 days |
| Drive | Weight going train 2,000 g with pulley weight strike train 1,600 g with pulley |
| Oscillator | Wood rod pendulum |
| Ball bearings | 8 precision ball bearings |
| Jewel bearings | 15 |
| Dial | Enamelled |
| Strike train | Half-hour rack strike train with gong, hour repeat, power-maintaining mechanism, strike train silencer |
| Beat rate | 3600/h = 60/min |



Dial 1: Roman



Dial 2: Modern Arabic



Stainless steel

| | |
|------------------|---|
| Case | Ø 44 mm, height: 15 mm |
| Crystals | Domed anti-reflective sapphire crystal, sapphire crystal in case back |
| Water-resistance | Water-resistance tested up to 5 bar |
| Movement | Sattler-calibre ES 01 |
| Power reserve | 42 hours |
| Strap | Hand-sewn rembordered leather strap, folding clasp buttons in stainless steel with Sattler emblem |
| Drive | Self-winding, based on ETA 7750 |
| Jewel bearings | 28 |
| Dial | Solid silver dial, numbered consecutively, regulator display, "small second" at "12" |



Stainless steel

| | |
|------------------|---|
| Case | Ø 38 mm, height: 12 mm |
| Crystals | Domed anti-reflective sapphire crystal, sapphire crystal in case back |
| Water-resistance | Water-resistance tested up to 5 bar |
| Movement | Sattler-calibre ES 02 |
| Power reserve | 42 hours |
| Strap | Hand-sewn rembordered leather strap, folding clasp buttons in stainless steel with Sattler emblem |
| Drive | Manual winding, based on: Habring² AO9MS |
| Jewel bearings | 24 |
| Dial | Solid silver dial, numbered consecutively, anthracite-coloured, galvanised, regulator display, "small second" at "12" |



750 rose gold



925 silver rhodanised

| | |
|------------------|---|
| Case | Ø 61 mm, height: 14 mm |
| Crystals | domed anti-reflective sapphire crystal, sapphire crystal in case back |
| Water-resistance | water-resistance up to 3 bar |
| Movement | historical Movement from 1920, modified |
| Power reserve | 36 hours |
| Drive | manual winding |
| Jewels | 16 |
| Dial | solid silver dial, numbered consecutively, regulator display, "small second" at "12" |
| Limited | to 30 pieces the rose gold version to 50 pieces the silver rhodanised version |
| Specifics | triple screwed minutewheel chaton, swan neck precision adjustment, screw balance with Breguet hairspring, movement parts of the rose gold pocket watch are skeletonized and engraved by hand, decorated with guilloché work |
| Beat rate | 28,800 |
| Optional | pocket watch chain, rose gold or silver rhodanised |

ROTALIS S10

PAGE 92 – 93



Solid chromed aluminium case with carbon front and back cover, LED illumination

| | |
|---------------|---|
| Case | Height: 24 cm (open: 46 cm), width: 53.5 cm, depth: 19.5 cm |
| Crystals | Front crystal made from tinted glass (safety glass), swivels upwards and parallel to open |
| Winders | 10 precision watch winders, individually programmable, 12 o'clock position |
| Drive | 10 motors |
| Ball bearings | 60 precision ball bearings |
| Data transfer | WLAN |
| Power supply | 110–230 V |

ROTALIS 30

PAGE 94 – 97



Stainless steel, choice of panel, LED illumination

| | |
|---------------|--|
| Case | Height: 200 cm (with extended panes 238 cm), width: 145 cm, depth: 20 cm Narrower version available on request: Width: 120 cm with space for 24 manual winding watch cushions |
| Crystals | Bulletproof, four-layer safety glass (electric opening of the panes following authentication using the fingerprint scanner) |
| Winders | 30 precision watch winders, individually programmable via WLAN, 12 o'clock position |
| Drive | 30 high-power motors |
| Ball bearings | 180 stainless steel precision ball bearings |
| Security | 30 light barriers, tamper-proof radio technology from the alarm area, remote control |
| Variants | 48 manual-winding-watch cushions or glass shelves/compartments with lids for rings, cufflinks or chains |
| Power supply | 110–230 V |

ROTALIS 60

PAGE 94 – 97



Stainless steel, choice of panel, LED illumination

| | |
|---------------|---|
| Case | Height: 200 cm (with extended panes 238 cm), width: 145 cm, depth: 20 cm |
| Crystals | Bulletproof, four-layer safety glass (electric opening of the panes following authentication using the fingerprint scanner) |
| Winders | 60 precision watch winders, individually programmable via WLAN, 12 o'clock position |
| Drive | 60 high-power motors |
| Ball bearings | 360 stainless steel precision ball bearings |
| Data transfer | 60 light barriers, tamper-proof radio technology from the alarm area, remote control |
| Power supply | 110–230 V |

NAUTIS

PAGE 100 – 101



Chromed brass

| | |
|----------------|--|
| Case | Ø 21 cm, depth: 9 cm |
| Weight | 8.3 kg |
| Crystals | Anti-reflective mineral glass and mineral glass ring |
| Movement | Sattler calibre 1395 |
| Power reserve | 15 days |
| Drive | Mainspring with fusee for constant force |
| Oscillator | Swiss escapement with screw balance |
| Ball bearings | 12 precision ball bearings |
| Jewel bearings | 11 |
| Dial | Anodised aluminium |

NAUTIS WORLD TIME

PAGE 102 – 103



Chromed brass

| | |
|----------------|--|
| Case | Ø 21 cm, depth: 9 cm |
| Weight | 8.3 kg |
| Crystals | Anti-reflective mineral glass and mineral glass ring |
| Movement | Sattler calibre 1395 WZ |
| Power reserve | 15 days |
| Drive | Mainspring with fusee for constant force |
| Oscillator | Swiss escapement with screw balance |
| Ball bearings | 12 precision ball bearings |
| Jewel bearings | 11 |
| Dial | Anodised aluminium |

NAUTIS BAROMETER

PAGE 102 – 103



Chromed brass

| | |
|---------------------------|--|
| Case | Ø 21 cm, depth: 9 cm |
| Weight | 6.6 kg |
| Crystals | Anti-reflective mineral glass and mineral glass ring |
| Air-pressure compensation | 2 precision aneroid capsules |
| Dial | Anodised aluminium |

NAVIS

PAGE 104 – 105



Chromed brass

| | |
|----------------|--|
| Case | Ø 18 cm, depth: 7.5 cm |
| Weight | 5 kg |
| Crystals | Anti-reflective mineral glass |
| Movement | Sattler calibre 2008 |
| Power reserve | 8 days |
| Drive | Mainspring with gear stopwork for constant force |
| Oscillator | Swiss escapement with screw balance |
| Ball bearings | 12 precision ball bearings |
| Jewel bearings | 11 |
| Dial | Anodised aluminium |

NAVIS 24

PAGE 104 – 105



Chromed brass

| | |
|----------------|--|
| Case | Ø 18 cm, depth: 7,5 cm |
| Weight | 5 kg |
| Crystals | Anti-reflective mineral glass |
| Movement | Sattler calibre 2008-24 |
| Power reserve | 8 days |
| Drive | Mainspring with gear stopwork for constant force |
| Oscillator | Swiss escapement with screw balance |
| Ball bearings | 12 precision ball bearings |
| Jewel bearings | 11 |
| Dial | Anodised aluminium |

NAVALIS

PAGE 106 – 107



Chromed brass

| | |
|----------|---------------------------|
| Case | Ø 11,5 cm, depth: 4 cm |
| Weight | 0,7 kg |
| Crystals | Mineral glass |
| Movement | Precision quartz movement |
| Dial | Anodised aluminium |

NAUTICAL INSTRUMENTS

PAGE 106 – 107



Thermometer,
Chromed brass



Barometer,
Chromed brass



Hygrometer,
Chromed brass

| | |
|----------|---|
| Case | Ø 11,5 cm, depth: 4 cm |
| Weight | 0,6 kg |
| Crystals | Mineral glass |
| Brass | Thermometer: °C and °F Barometer: Aneroid capsule measurement, hPa and inches Hygrometer: Precision hygrometer with Supratherm technology |
| Dial | Anodised aluminium |

AERO SIDEBORD

PAGE 110 – 113



Black varnish and ebony verde wood, leather, glass and stainless steel, indirect illumination

| | |
|---------------|---|
| Case | Height: 80,5 cm, width: 235 cm, depth: 45 cm |
| Winders | integrated safe with 10 precision watch winders, 20 additional watch winders behind the doors |
| Data transfer | WLAN |
| Soundsystem | WoVi Soundsystem |
| Power supply | 110–230 V |
| Fitting | Drawers to keep hand winding watches, panels for rings, cufflinks or jewels |

MAXIMA SECUNDA

PAGE 114 – 117



Black varnish with macassar cassette and metal inlays

| | |
|----------------|---|
| Case | Height: 304 cm, width: 82 cm, depth: 37 cm Base illuminated (optional equipment) |
| Weight | approx. 350 kg |
| Crystals | ESG mineral glass, affixed on a mitre |
| Movement | Sattler Calibre 3000 |
| Power reserve | 30 days |
| Drive | Weight 26 kg with pulley |
| Oscillator | Invar pendulum Ø 20 mm, temperature and air-pressure compensation with twin barometer |
| Ball bearings | 16 units made of stainless steel, screwed-in and gold-plated ball bearing cover |
| Jewel bearings | 4 units in gold-plated, screwed-in chatons, 2 agate anchor pallets |
| Dial | Ø 57,6 cm, anodised aluminium |
| Beat rate | 2400/h = 40/min |

ATLANTIS ORBIS

PAGE 118 – 119



Solid brass, bronze and aluminium, polished and chromed, 15-mm thick crystal glass plate, thermally hardened, polished edges

| | |
|----------------|--|
| Dimensions | Height: 57,7 cm, Ø 115 cm |
| Crystals | Domed mineral glass and mineral glass ring |
| Movement | Sattler calibre 1397 |
| Power reserve | 15 days |
| Drive | Mainspring with fusee for constant force |
| Oscillator | Swiss escapement with screw balance |
| Ball bearings | 24 precision ball bearings |
| Jewel bearings | 11 |
| Dial | Anodised aluminium |

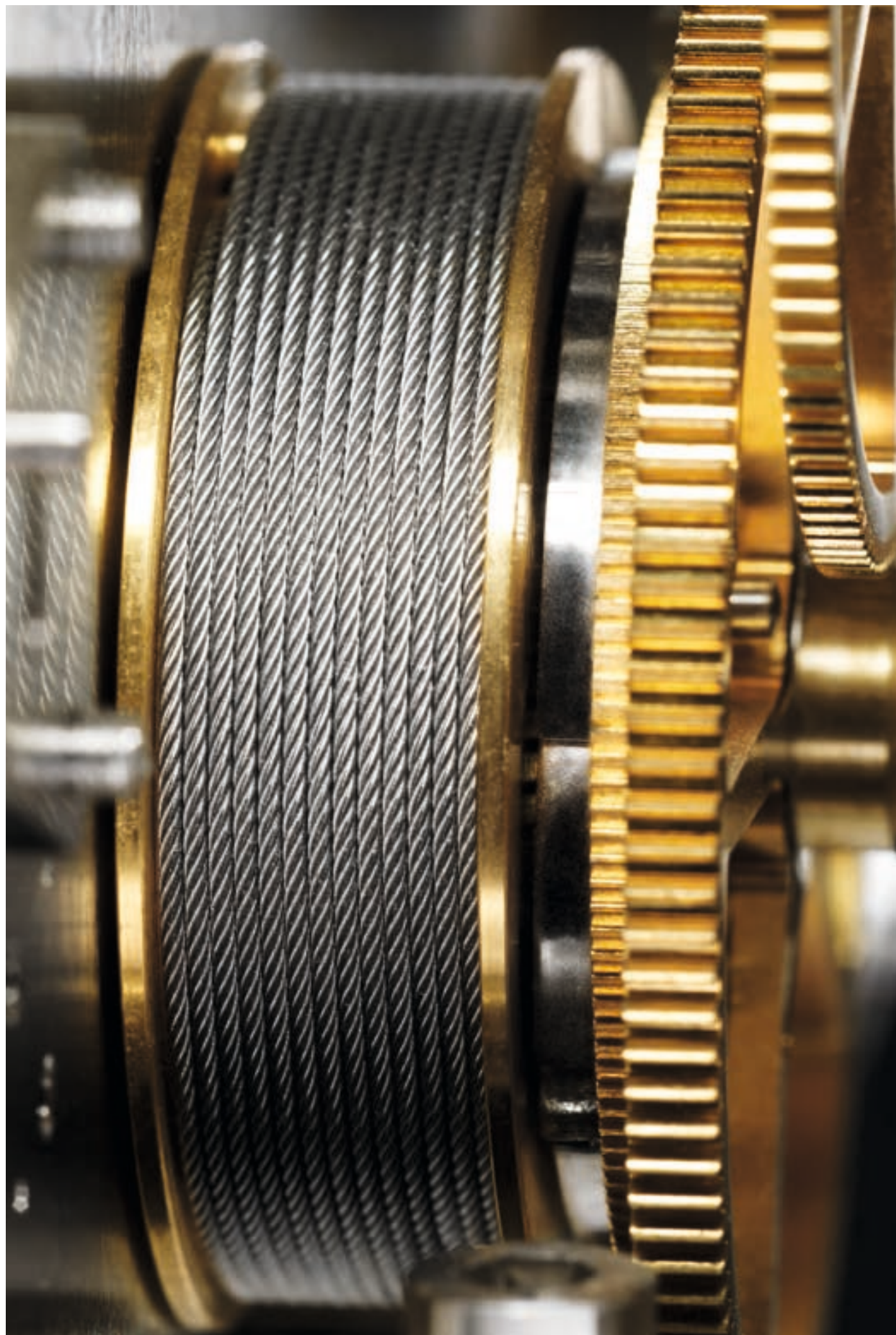
ATLANTIS TABLE

PAGE 120 – 121



Macassar with solid metal inlays, chromed brass feet, LED illumination

| | |
|----------------|---|
| Dimensions | Height: 48 cm, width: 160 cm, depth: 101 cm |
| Crystals | Domed mineral glass and mineral glass ring |
| Movement | Sattler calibre 1397 |
| Power reserve | 15 days |
| Drive | Mainspring with fusee for constant force |
| Oscillator | Swiss escapement with screw balance |
| Ball bearings | 24 precision ball bearings |
| Jewel bearings | 11 |
| Dial | Anodised aluminium |



T E A M



The Erwin Sattler team applies the same uncompromising care and dedication to every single watch produced in the manufacture. The passion shared by the highly qualified staff combines with technical perfection and timeless design in the precision clocks to create individual works of art that will delight even the most discerning of horological connoisseurs.

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Fig. p. 99, 107: Yacht Design

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