# Time for the Beautiful Nº 11/24



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# **Legal Information**

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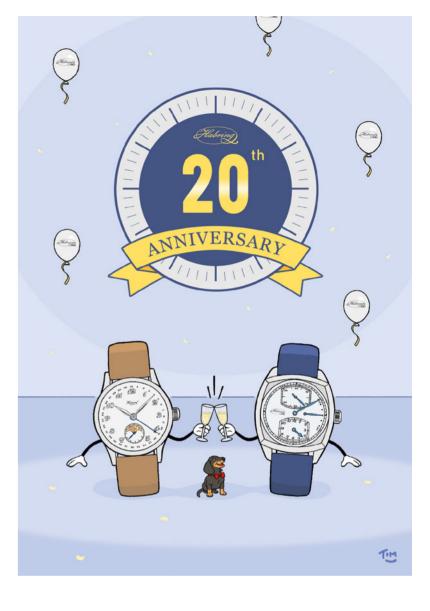
# Dear reader,

The situation in watch production is no different from that in most industries: qualified and committed specialists are desperately sought. Since the coronavirus pandemic, the situation has become even more acute. It sometimes seems as if numerous skilled workers in Germany and Austria have quietly said goodbye to their home countries. This shortage is increasingly proving to be a brake on economic growth.

You can bemoan this state of affairs, or you can take action, and take unconventional action at that. We at HABRING<sup>2</sup> chose the second option. We decided to use the synergies of other industries that have similarities to watchmaking. There's no question that this was a courageous step, but courageous steps often lead down the right path. This how it was for us.

In March 2021, we hired a female specialist in hearing aid acoustics, and this year we welcomed a female engraver to our team. Both ladies come from our region and demonstrate dexterity, patience and precision in their work. These are all qualities that are also very important in watchmaking. But, of course, watchmaking expertise is also essential. We are therefore delighted to have been able to recruit a female watchmaker from Germany. Our colleague completed her training at Glashütte Original. However, in the age of the coronavirus, few if any jobs for watchmakers were advertised in Germany. So she looked across the border – and came across HABRING<sup>2</sup>. It was a great opportunity for both sides, a true win-win situation. HABRING<sup>2</sup> has since benefited greatly from women's power. The colleagues work with hot passion but cool heads. ,Rooster fights', which used to be very tedious at times, have since ceased to exist. A total of seven lively and energetic ladies work for us, of whom we are very proud.

We are occasionally asked whether HABRING<sup>2</sup> timepieces are luxury watches. The answer depends crucially on how one individually defines luxury. In plain language: does the customer pay more for the value of the brand or for the value of the craftsmanship, in other words, for the ,inner values' of a watch? Although every brand must, of course, be emotionally charged to be successful in the market, we believe that the customer



should pay for his watch and not for the marketing. That's why we don't believe in expensive sponsorship. We want to convince you, dear customers, of our product, not highly paid top athletes. So, anyone who buys a HABRING<sup>2</sup> watch is treating themselves to the luxury of investing in a timepiece of high craftsmanship and with special complications. Our watches are also only released in small editions on a regular basis. Not quantity, but quality is our maxim.

That's how it was in the last twenty years – and that's how it will be in the next twenty years.

We would like to take this opportunity to thank you, our customers, as well as the many friends of our brand at home and abroad, for your loyalty to our company and its very special timepieces.

# With warm greetings from Völkermarkt,

Maria & Richard Habring in November 2024

This magazine is printed on FSC-certified paper.

UhrKraft Nº 11/2024 Independent Movement Independent Movement

# The Inde pendent Movement Makers Written by watch enthusiast Bhanu Chopra

aria and Richard Habring, co-founders of HABRING<sup>2</sup>, have successfully transitioned their company into a self-sufficient, smallscale independent watchmaking business, currently producing approximately 300 watches annually. The Habrings have adeptly developed their capability to design and manufacture their own movements, collaborating with independent component suppliers nearby from Austria, Germany, and Switzerland. In addition to them producing their own watches, they provide movement design and supply

Initially, the Habrings did not aspire to achieve full independence, as they were satisfied utilizing reliable ETA movements. Richard himself noted the potential to modify these movements, likening it to transforming them into "racing engines". However, this strategy was compelled to change following the Swatch Group's announcement that it would cease the sale of ETA mechanical movements and parts in 2011. This pivotal moment necessitated a strategic shift for the Habrings, who had been modifying ETA Valgranges (Valjoux 7750/7760) movements for their own unique complications.

parts to other independent watchmakers and small

brands.

This transition saw the Habrings gradually reducing their dependence on external ETA components. Initially, they adapted the ETA Valgranges train gear with custom in-house bridges. This evolution culminated in the creation of their own fully in-house-made movement, starting with the Ao8MR in the Doppel 2.0 in 2012. Achieving complete independence, they launched the A11 movements in 2014 starting with the Felix model, marking a significant milestone in their journey as independent movement creators.

## A11B Movement - The Basis of Future

The A11B movement, initiated in 2014, had its developmental origins dating back to 2011, as indicated by the "11" in its name. This manually wound, three-quarter plate caliber operates at a frequency of 4Hz and is equipped with a 48-hour power reserve. It features 18 jewels and comprises 99 components in total.

The design strategy adopted by the Habrings for the A11B involved closely aligning it with their previous ETA Valgranges movements for practical reasons of servicing existing watches produced over the years. Richard Habring describes the A11B as "an evolution of Edmond Capt's 7750 industrial caliber". Notable enhancements include an in-house escapement, a Carl Haas hairspring of chronometer quality, a Triovis fine regulator, KIF shock protection, an improved gear train, and sophisticated hand finishing.

Furthermore, the Habrings took a pragmatic approach in the development of the A11B by designing and creating prototypes within their workshop. They strategically partnered with reliable, small family-run businesses to handle the production in small volumes, ensuring high quality and efficiency in their sourcing and manufacturing processes.



# The Movement Assembly Process

As a small watchmaking company, Habring is committed to maintaining the traditional craftsmanship by manually assembling movements and preparing components. This approach is favored over the use of industrial-scale machinery and techniques. Habring produces fewer than 300 watches annually, hence their method of hand assembling is more suitable for emphasizing quality and precision in each watch.

The A11B base caliber is meticulously assembled by Habring's skilled watchmakers and undergoes testing in six different positions to ensure its accuracy. Following the initial testing, complication modules are added, and then the complete movement is subjected to further testing. But it is the manual labor that goes into the assembly of critical parts, that makes it a time-consuming process. For example, we will examine what it takes to assemble their in-house escapement.

#### Assembly of The In-House Escapement

The escapement mechanism is composed of several critical components: the pallet fork, balance wheel, escape wheel, and hairspring. Each component is designed by Richard and produced to precise specifications by various suppliers. Subsequently, Richard and his team of watchmakers manually assemble the raw components to construct the complete escapement.

The pallet fork parts are made to specification by Swiss-based Mimotec company. Made from NiP (nickelphosphorus) and using the UV-LIGA process, these micro components are delivered unassembled to HABRING<sup>2</sup>. Richard and his watchmakers assemble all the various components (pallet stones, axles, security pins) and

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then adjust the pallet fork by hand. The balance wheel (just the raw wheel) is manufactured as the axle by a supplier in Switzerland. And the chronometer grade hairspring is sourced from Carl Haas in Germany, made from Nivarox CT alloy (Nivarox is the name of the alloy, and not the brand). Richard cuts the raw hairspring and with bending the terminal curve of the hairspring, he makes the adjustments by hand. Despite the availability of machine processes that offer speed and precision, these tasks are performed manually at the HABRING<sup>2</sup> workshop. Richard dedicates approximately twelve minutes to complete each balance spring, working through batches of 25 until 300 balance springs are assembled.

The A11B caliber, featuring the in-house escapement, was officially introduced in 2014. Prior to this launch, HABRING<sup>2</sup> had commenced field testing of their escapement within ETA base calibers in 2013. A humorous anecdote shared by Richard highlighted that watchmakers servicing these watches were often surprised to find the same type of escapement in both the ETA base caliber and the in-house movement.

### **Triovis Fine Regulator**

Richard commenced his collaboration with Triovis in 1991 at IWC, a critical juncture wherein Triovis became an integral component of the Doppelchrono, effectively replacing the ETAchron regulating device. This strategic shift coincided with the absorption of the Valjoux 7750 under ETA. Triovis was manufactured by Valdar SA, located in Valle de Joux, tracing its origins back to Portescap, the original home of the Incabloc shock absorber.

With the inception of HABRING<sup>2</sup> in 2004, the Triovis regulating system became a standard feature in most HABRING<sup>2</sup> watches, with only a few exceptions involving vintage movements. These exceptions included models with vintage movements such as the Doxa/Chezard 116 dead beat second, Valjoux 7733/7734 chronograph, and Felsa 690/760 automatic movements.

Subsequently, Valdar SA underwent a merger with the Francois Golay company before ultimately being acquired by the Swatch Group. A poignant moment occurred in 2020 when the Swatch Group permitted the Habrings to place what would be their last order, which was to be delivered almost a year later. During this interaction, the Swatch representative, emotionally impacted, expressed her sentiments over the phone. The loss of their longtime supplier was felt deeply, as the Habrings were among the initial clients at CHH. This sentiment was echoed by others in La Chaux-de-Fonds, who also faced the closure of their clock escapement production that year.

In response to these challenges and in an effort to maintain their traditional regulating device, the Habrings, in 2023, initiated a collaboration with their specialty supplier to produce the Triovis system.

The complete Triovis regulating system is composed of eight components, including the stud and its screw. Continuing their commitment to quality and precision, their specialty supplier manufactures these components, potentially surpassing the original quality standards. Richard and his team of watchmakers manually assemble the regulating system in their workshop.

HABRING<sup>2</sup> had to implement a price adjustment for customers purchasing the A11B ebauches, but according to Maria, "it was well invested money for complete independence." She further emphasized that, "HABRING<sup>2</sup> is an affordable, but still exclusive, mainly handmade watch from a small independent family owned company."

# toa Over a glass of Chardonnay, business journalist, non-fiction author and watch enthusiast Michael Brückner spoke with Maria and Richard Habring about the 20th anniversary of HABRING<sup>2</sup>. stable tree

MICHAEL BRÜCKNER (MB): Dear Maria, dear Richard Habring, we've known each other for many years now, so we thought that to celebrate the 20th anniversary of the HABRING<sup>2</sup> brand, we wouldn't do an interview in the usual format, but simply chat over a good glass of wine. Like your watches, it also comes from Carinthia, of course. It's a Chardonnay from the Georgium winery at Lake Längsee. Many people don't realise that excellent wine is grown in Carinthia and that the Habring manufactory produces outstanding watches. We want to close this knowledge gap. But enough of the preliminaries. Congratulations on the 20th anniversary and cheers!

Maria (MH) und Richard Habring (RH): Thank you very much, and cheers!

MB: Two decades is a long time - if you look ahead. Looking back, however, even 20 years fly by. How do you see the last 20 years in retrospect?

RH: Once again, we experienced an incredible technological revolution. In 2004, when Maria and I founded our company, only 56 per cent of the population in Germany had Internet access. The situation was similar in Austria. Today, over 95 per cent take the internet for granted. Back then, artificial intelligence and robotics still largely belonged to the realm of science fiction, although they were already in the making.

MH: We have also undergone a revolution ourselves. 20 years ago, HABRING<sup>2</sup> was a tiny plant. You could also say it was a bonsai

among watch brands. But over the past two decades, our company has grown into a tree that can already withstand strong winds. Over the next 20 years, we will endeavour to make this trunk grow so strong that it can even withstand storms.

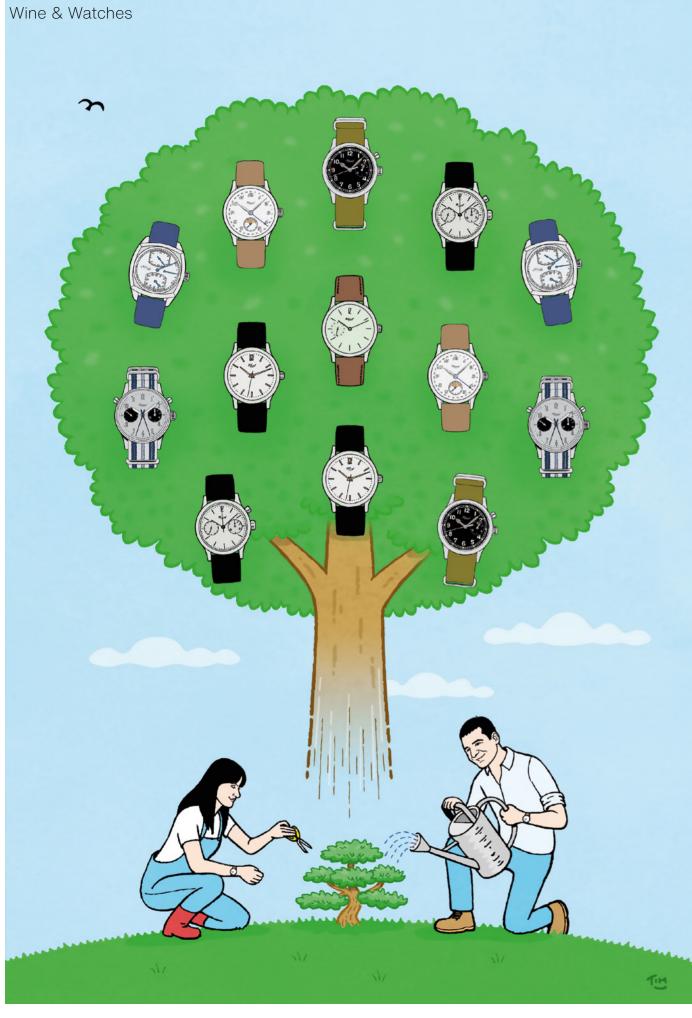
MB: Despite this rapid technological development and digitalisation in all areas of life, HABRING<sup>2</sup> continues to rely on mechanical watches?

MH: Not in spite of, but because of. We

believe in mechanical watches in the long term. We believe in this fascinating microcosm that lives solely from our movement or the turning of the crown. Just imagine how many batteries have been used in quartz watches in the last 20 years, i.e. since our company was founded. Whole mountains of batteries. The mechanical wristwatch, whether automatic or hand-wound, is a thoroughly ecological and sustainable product that - if properly serviced - can still be worn by your children or grandchildren as well.



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RH: Advancing digitalisation and artificial intelligence are making our lives and work easier in many respects. We're anything but modernisation-averse. But if you look at it soberly, you have to realise that a trend often has an inherent counter-trend. In our case, this is the fascination with mechanics. Younger people are also becoming increasingly interested in mechanical watches. It is probably not least the triad of aesthetics, precision and tradition that makes mechanical watches so fascinating for many people. It may sound a little pathetic, but a mechanical watch indeed has a soul.

## Own movement production

# MB: What has been the greatest success in 20 years of HABRING<sup>2</sup>? Or, to put it another way, what are you particularly proud of?

RH: In just 20 years, our company has managed not only to design an impressive watch collection, but also to master the technical challenge of producing its own movements. Hardly any other small manufacturer with only a few hundred units per year goes into such depth: our own assortment, our own balance, our own regulating device, parts that are usually manufactured by highly specialised suppliers are produced in our workshop in Völkermarkt - completely without automation and by hand.

# MB: If you successfully produce your own movements, you could come up with the idea of supplying other watch manufacturers with them. Is HABRING<sup>2</sup> developing into a movement supplier, or is this idea far-fetched?

MH: Good ideas are never far-fetched. They just have to be realistic. Let's see where our journey will take us. After all, there are still many years ahead of us, we hope. Our goal will always be to make people happy. It is important to us that we enjoy our work. It gives us at least as much pleasure as our customers enjoy with our HABRING<sup>2</sup> watches. Quality is always at the centre of everything we do. It's not about the quantity.

MB: HABRING<sup>2</sup> is celebrating its 20th anniversary with two new models. One is the regulator Josef with a very special dial design and

# We continue to believe in the future of mechanical watches.

Maria und Richard Habring

# the other is Oskar with a seconds and moon phase display at 6 o'clock. We present both new models in detail in this issue so that we can be brief. What is so special about these new models in the HABRING<sup>2</sup> family?

MH: Josef is the first regulator in our model family with a characteristic dial: the large minute display from the centre, hour and second displays on two other dials. Josef has another special feature. Its dial was designed by Lee Yuen-Rapati, whose "Ancad Upright" font celebrated its premiere with the launch of Josef.

# MB: And you awarded yourselves an Oskar for the 20th anniversary, didn't you?

RH: You could say that. We have already won several real "watch Oscars" in our 20-year history, which is the Grand Prix d'Horlogerie de Genève. Oskar is a close relative of our Felix model, so to speak, with a seconds and moon phase display at 6 o'clock. Oskar II also has a date hand from the centre with a dial in different colours.

#### A look into the future

# MB: Finally, let's take a look into the future. Will HABRING<sup>2</sup> retire with you at some point?

RH: Why not? Anyone who owns a

timepiece from our company can count themselves lucky. Spare parts supply and servicing will of course continue, or will be carried out by expert contractors.

# MB: Now there are other options, such as merging with other small brands or setting up a co-operative ...

MH: Merging with other small brands is an interesting idea. Around the world, microbrands are becoming increasingly successful in very different sectors. Togetherness beats aloneness. But the realisation is difficult and, in the case of a cooperative, also quite bureaucratic. But we're not worrying about that today on our 20th anniversary. We are proud of what we have achieved and are looking forward to the next few years full of confidence and a wealth of good ideas. What did Apple founder Steve Jobs say to students at Standford University in 2005? "Stay hungry". We are hungry.

# MB: And perhaps also thirsty. What do watches and wines have in common?

RH: Firstly, the time factor. Watches are timepieces, while wines need time to mature. And the time factor is important both in a watch manufactory and in a wine manufactory. You have to take your time to create something special. •

Showroom

# the regulator that has it all

For its 20th anniversary, HABRING<sup>2</sup> presents a manufactory regulator that has more to offer than a time display with chronometer precision: Josef also scores with a power reserve and a jumping second hand, which his ,brother', the Erwin model, has already convinced us of.

ithout discriminating against other watches, regulators could be described as the ultimate benchmark, at least when it comes to precise time display. This is because the focus of these watches is not the hour display, but the minute display. As early as the 18th and 19th centuries, these timepieces were used in watchmaker workshops and observatories as reference clocks for the precise setting and calibration of other clocks. In other words: All had to comply with the regulator (sometimes also

Every watch aficionado is familiar with the characteristic dial of a regulator: the large minute display in the centre, hour and second display on two further small dials. This means that the hands are placed on three separate axes. Hours, minutes and seconds can be read separately. What may initially take those who usually wear conventional watches getting used to, makes it possible to tell the time very precisely. In addition to the separate displays for hours, minutes and seconds, the clear and uncluttered

called the regulateur').

design of these watches also contributes to it. It is no coincidence that regulators have always been considered precision timepieces — especially when, as so often in life, every minute and second counts.

# Josef celebrates its premiere with a dial design

For the 20th anniversary of HABRING<sup>2</sup>, the Josef model enriches the collection of the Carinthian manufactory with just such a regulator. And it is a regulator that, in the truest sense of the word, has it all. Because Josef is, if you like to express it this way, an exceptional multitasking talent. He not only offers the advantages of a regulator with an easy-to-read dial, although this too is a treat for watch connoisseurs. Josef's dial design was created by Lee Yuen-Rapati (aka @oneourwatch on Instagram), whose ,Ancad Upright' font (for ,Ancien Cadran' = ,old dial') is celebrating its premiere with the launch of Josef.





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# Josef technical details

#### Manufacture movement HABRING<sup>2</sup> A11GSP:

- > Diameter 30,0 mm; height 6,25 mm
- > Hour at 6h; minute hand at the center; dead-beat-second at 12h; power reserve
- > Indication at 3h
- > 28.800 alternates per hour (4Hz)
- > Hand-wound with 48 hours' power reserve
- > Tangential screw fine adjustment
- > Anti-magnetic escapement with a Carl Haas hairspring in chronometer quality
- > KIF shock protection pursuant to DIN and NIHS
- > 21 rubies
- > Elaborately refined by hand with polished edges, decorative engravings, perlage, etc.
- > 82 service-relevant single components (~150 parts in total)

#### Case:

- Stainless steel, cushion shape two-part,
   38,5 mm diameter (lug-to-lug 47mm),
   8,4 mm high
- > Waterproof to the depth equivalent of 30 metres
- > Highly domed (box) sapphire crystal
- > Double-sealed crown, sapphire crystal caseback
- > Consecutive engraved serial number between the lugs at 6 o'clock

#### Dial/hands:

- > Glossy lacquered metal dial with black print
- > Polished, blued steel hands

Regulators have a so-called seconds pendulum. This pendulum triggers the wheel train every second, which then leads to the seconds jumping. As all traditional regulators do, Josef carries the second at 12 oʻclock. This is due to the escapement which is located on the top of the train. However, However, many other wristwatch regulators wrongly carry the seconds at 6 oʻclock. This is due to the special features of existing watch movements. However, Josef doesn't use anything ,off the rack'; he is a traditionalist in the best sense of the word.

Another special feature of this model is the jumping second hand. In this respect, Josef is a reinterpretation of Erwin, the first contemporary with a jumping second hand in the Habring<sup>2</sup> collection. This regulator also indicates to the proud wearer when it is time to wind the movement: the fourth hand on the dial shows the power reserve. Josef thus gives the manufactory another first. This is because the regulator is driven by the first Habring<sup>2</sup> manufacture movement with a power reserve display.

## Homage to great Austrian watchmakers

The question remains as to why the regulator was given the name Josef. This name comes from the Hebrew language and means ,God adds'. HABRING² chose this name for the new model as a tribute to well-known Austrian watchmaking greats of the past who bore the name Josef or Joseph. For example, Joseph Geist (1770–1824), the founder of the first Austrian watch manufactory in Graz. One of his most famous clocks is the pendulum clock in the 14-metre-high dome of the Vienna University Observatory at the Türkenschanze hill. Geist also completely redesigned the movement in the famous Graz Clock Tower.

Joseph Thaddäus Winnerl (1799–1886) was born in Styria. After working as a watchmaker in northern Germany and Denmark, he later worked for Breguet in Paris. In 1831, he presented the chronoscope, a pocket watch with a stopwatch function (the forerunner of today's chronographs). But that was not all: Winnerl also laid the foundation for the Chrono-Rattrapante, the chronograph with a drag indicator.

And finally, the Austrian engineer Josef Pallweber (1858–1912), who developed pocket watches with a jumping numerals display; both the hours and minutes are displayed with jumping numerals, only the seconds are displayed conventionally. Last but not least, every regulator is also an indirect reminder of how precious every single minute is for us. Or, to put it with Albert Schweitzer: ,For every minute you spend in anger, you miss 60 happy seconds of your life.'

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Showroom



# the Felix for advanced users

The Felix model heralded the era of HABRING<sup>2</sup>'s own manufactory movements.

His younger brother Oskar has added a little: he offers space for technically and aesthetically interesting functions – not only for fans of watches with moonphases.

n recent years, extraordinary timepieces from HABRING<sup>2</sup> have received the ,Oscar for watches' multiple times. The Grand Prix d'Horlogerie de Genève (GPHG) is considered the equivalent of the Academy Award. We have always shared the pride in this honour with the readers of our customer magazine. Today, we are reporting on another Oskar. It is not only spelt with a ,k' instead of a ,c'. The crucial difference is rather that this Oskar was not awarded to us, but that we deliberately

created it for our 20th anniversary. Yes, the HABRING<sup>2</sup> team is giving itself an Oskar for the occasion. And the good news for all watch lovers: you can treat yourself to this Oskar too – in a variety of versions.

#### **Further function modules**

But let's start at the beginning: Oskar, the new model in the HABRING<sup>2</sup> collection, is ultimately a relative of Felix. And most friends of our manufactory will remember that Felix (the ,happy one') marked the beginning of the era of our own manufactory movements for HABRING<sup>2</sup>, which have been ticking in the watches from Carinthia ever since. From a purely technical point of view, Oskar is a Felix with a ,belly'. Yes, he has put on a little weight, but not at the expense of his physical condition. Rather the opposite. Space for further function modules has been created between the base movement and the dial.

Unlike Felix, who has his seconds display at 9 o'clock, Oskar can also display the seconds in other positions, for

example at 6 o'clock or from the centre. And unlike his model family members Erwin and Josef, Oskar is also less erratic. The seconds hand moves in circles at a leisurely pace. It is therefore a continuously running, creeping seconds display and not a jumping one.

Oskar celebrated its debut with a seconds and moon phase display at 6 o'clock (according to Shellman Mitsukoshi 350). The calm dial design with its puristic look provides the moon and the small seconds with an adequate stage for staging their aesthetic appearance. A stage that they only have to share with the two hands for the hour and minute



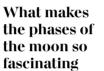


Showroom

display. Oskar II, if you will allow him to be called that, also received a pointer date from the centre with a dial in selected colours. Oskar III (Oskar Roulette) is next in the starting blocks, and further versions of this model will follow.

The moon phase is still one of the most popular complications among watch enthusiasts. And there are a number of good reasons for this. Indeed, the moon, as Earth's satellite, has always held a mysterious fascination for people. Numerous cultures and belief systems have attributed certain influences on the human body, behaviour and psyche to it. The moon has a deep cultural and symbolic significance and also represents

romance. There is even a technical term for the love of the moon. It is called selenophilia.



In the past, the phases of the moon and their effects on the tides were of great importance to seafarers, sometimes even crucial to their survival. In agriculture, too, the Earth's satellite helps determine favourable times for sowing and harvesting, as many traditional farming practices are based on the lunar cycle.

Apart from the appreciation of the horological expertise involved in the creation of a moon phase, this complication also represents a throwback to the timekeeping of times long past.

And last but not least, a glance at the moon phase display on a wristwatch is a fascinating reminder of the eternal return of natural cycles. In other words, the moon phase makes us aware that time is measured not only in hours, minutes and seconds, but also in longer, recurring cycles. And finally: ,The Moon is the first milestone on the way to the stars,' as the physicist and writer Arthur C. Clarke (1917–2008) put it.

# Oskar – technical details

## Manufacture movement HABRING<sup>2</sup> A11Ups:

- > Diameter 30,0 mm; height 5,5 mm
- > Hour and minute hands; pointer date; small second and moon phase at 6 o'clock
- > 28.800 alternates per hour (4Hz)
- > Hand-wound with 48 hours' power reserve
- > Tangential screw fine adjustment
- > Anti-magnetic escapement with a Carl Haas hairspring in chronometer quality
- > KIF shock protection pursuant to DIN and NIHS
- > 18 rubies
- > Elaborately refined by hand with polished edges, decorative engravings, perlage, etc.
- > 80 service-relevant single components (~150 parts in total)

#### Case

- > Stainless steel, three-part, 38,5 mm diameter, 9,0 mm high (without crystal)
- > Waterproof to the depth equivalent of 30 metres
- > Spherical sapphire crystal
- > Double-sealed crown, sapphire crystal caseback
- > Consecutive engraved serial number between the lugs at 6 o'clock

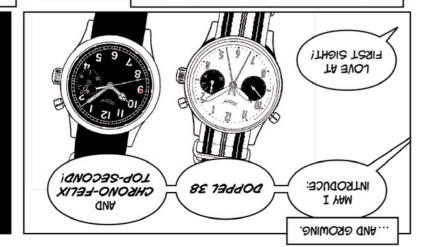
#### Dial/hands:

- > Glossy lacquered metal dial with black print
- > Polished, blued steel hands

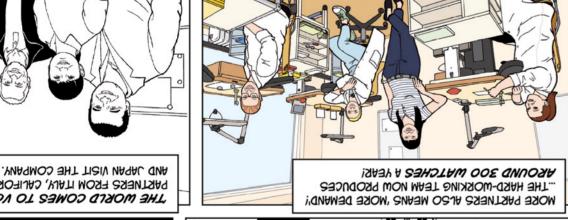


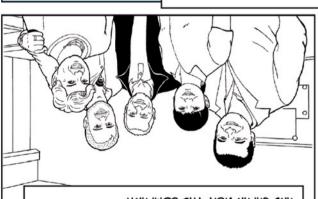
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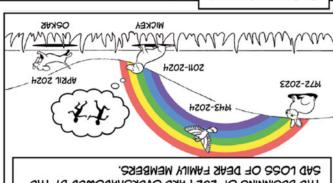
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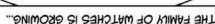












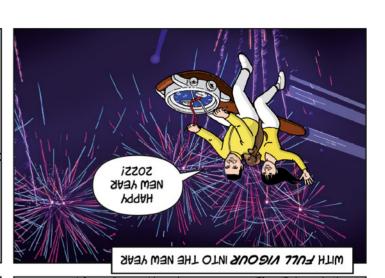
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