# **FESTOOL**

# MAGAZINE.



**Inspired by** craftspeople - for 100 years. We want to say thank you!

# 04 Focus 100 YEARS OF FESTOOL

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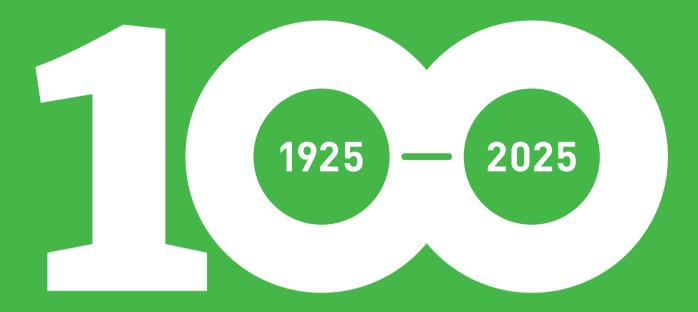
### **Imprint**











Our history is the story of both a family and a company, full of drive and inventiveness. It is a story of success, and would never have been possible without our deep passion for craftsmanship. Making your everyday work easier, more productive and safer with our tools has always been our promise, right from our foundation in 1925. And we'll continue to keep it as we move into the future.

Text: Ralf Christofori | Photography: Festool



→ The Esslingen-based company is already extremely successful in its early years and grows steadily. The employees play a key role in this.

### 1925-1950

# Courageous founders with a pioneering spirit.

he 1920s weren't exactly the ideal time to start up a company. Politically, the 1920s were unstable; economically, they were a roller coaster. But Albert Fezer and Gottlieb Stoll took the plunge anyway. 1925, in the German town of Esslingen am Neckar. This marks the birth of Fezer & Stoll, which would go on to become Festo and later Festool. From the outset, these pioneers wanted to make work easier for craftspeople. With extraordinary power tools that are versatile in use and that you can take wherever you need them.

#### LEADING MEN AND GUIDING WOMEN

Festo is a successful family business, managed by Gottlieb Stoll and his two sons Kurt and Wilfried, later greatly aided by his son-in-law Peter Maier. But that's only half the story. In fact, Berta Stoll, as wife, mother and business partner, was a significant figure who was actively involved in the company. The fact that her daughter, Gerda Maier-Stoll, and her granddaughter, Barbara Austel, would go on to play formative roles at Festool is no surprise in retrospect.

You can learn more about them on page 13.

"There was no ,sensible' reason to embark on a wholly uncertain endeavour. But there was an inner drive:
To become independent!"

\[
 \times \text{ The tool comes to the wood:} \]
 In 1930, Fezer & Stoll launched the SB126, the first portable circular saw.



### SOUNDS SWABIAN, BUT IT WAS ON EVERYONE'S LIPS: THE "RUTSCHER" ORBITAL SANDER

The "Rutscher" orbital sander became well established in both the workshop and craftsmanship jargon. The original, with a protected name, is only available from Festool, then known as Festo, and has been around since 1951. The first RTE Rutscher replaced time-consuming work using hand-sanding blocks among painters, joiners and automotive body painters, paving the way towards fine sanding by machine. You can find out more about the "living legends" Rutscher and ROTEX from page 50 onwards.

# 1950-1975

### Brilliant ideas for woodworking.

hat would it be like if you no longer had to lug the heavy timber to the machine for processing, but instead the tool came to the timber?

Festo's machines are the impressive answer.

For sawing as well as sanding. Tradespeople are enthusiastic, the product family grows and demand increases rapidly in the years of the economic miracle.

"Festo is one of the leading companies in its sector. Some products are stars among the European competition, trendsetters."

The West German economy and its leading men, 1963

→ It's a boss's business: Gottlieb Stoll tests the first guide rail in the early 1960s.

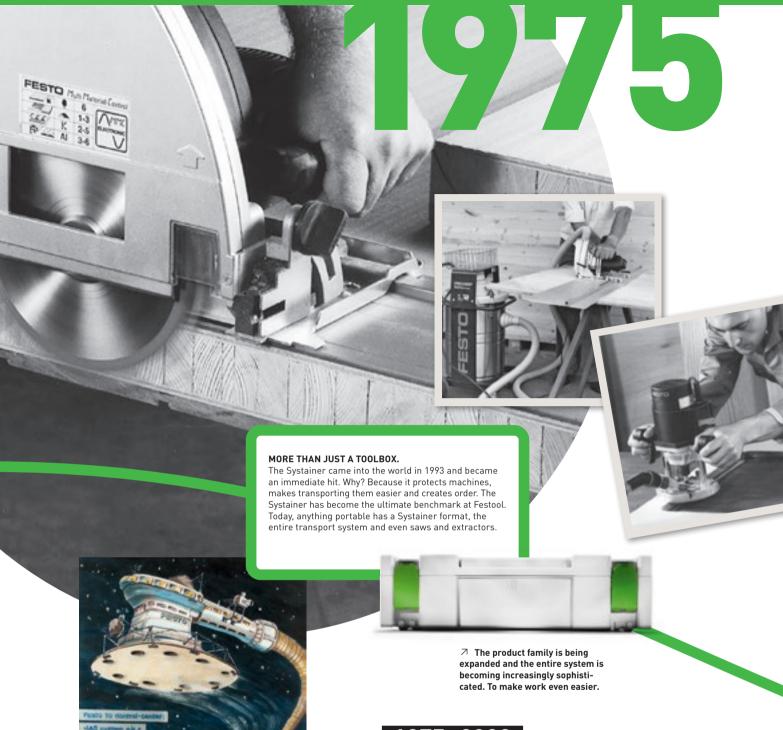


### WHEN TRADESPEOPLE BELIEVE IN "SAW-CERY".

When it comes to sawing, Festool, or Festo as it was back then, was ahead of the game for decades. The machines were becoming more compact and convenient. The legendary AAU 50 "Sägehexe" (literally, "sawing sorceress") from the 1950s enabled joiners and carpenters to work precisely and safely, even while using just one hand.

You can learn more about the history of the saws from





1975-2000

More modern and mobile. Craftsmanship in flux.

he building boom of the economic miracle years came to an end in the 1970s. But change was happening. The needs of the "modern tradesperson" were changing: Stationary machines were increasingly seen as heavy and expensive. Instead, innovative power tools were replacing them, making work much easier, particularly on building sites. From then on, the company focussed on developing and building hand-held power tools.

↑ Advertising from the 1980s: Sanders with dust extraction are entering new dimensions.

### Our added value for you.

We have always been dedicated to helping you achieve more.



# **Innovation**

### Work more quickly, efficiently and safely. ur innovative tools and system accessories,

Some of our innovative tools and system accessories, such as the dust extraction system, the guide rail or the Systainer, were the first of their kind and have become indispensable in the everyday work of professional tradespeople. Because they don't just work, but also make work easier, faster and safer in many areas.

### Innovative and award-winning products.

Being innovative and coming up with clever ideas to improve your work, that's what characterises us and it is what you, above all, benefit from. With over a thousand patents and more than 60 iF DESIGN AWARDS, Festool is one of the leading tool manufacturers for professional tradespeople.

# FESTO tradespeople.

# System &

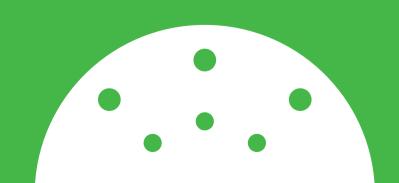
### Thinking ahead with a system.

We are known for always thinking one step ahead to make your work easier. This is demonstrated by our tools, but also by the many clever accessories. They are versatile, compatible, easy to handle and unbeatable in the system.

# Design

### Blue and green and unmistakable.

Professionals consider tools from Festo, later Festool, to be technically brilliant, user-friendly and ergonomic. In the late 1970s, this outstanding reputation was matched with a new, unmistakeable product design: The Mauritius blue and Festo(ol) green colours are immediately familiar and recognisable. And to this day they are much more than just a trademark.



09

### 2000-2025

Festool reinvents itself.

But remains true to its values.

estool GmbH was spun off in 2000 and found a new home in Wendlingen – almost exactly halfway between Esslingen and Neidlingen. The essence of Festool is and will continue to be what our products have always demonstrated. Legacy: Pragmatism and absolute quality awareness, with the "made in Germany" label. Drive: The development of innovative tools and systems – with and for customers. Products: Innovative and user-oriented, robust and extremely long-lasting.

#### FOR CUSTOMERS, WITH CUSTOMERS.

One principle has always accompanied our development of first-class tools: We learn from the best. From you! By communicating with each other openly and incorporating feedback from tradespeople from all walks of life directly into the development of our products. After all, it is only when you can work optimally with your tools that you will achieve the desired success. And your success is all the praise we need.

↑ The rapid development of battery technology is changing the trade. Today, the Festool 18V system comprises around 50 powerful products, optimised for each specific application.







You can learn more about our history and find stories from 100 years of Festool online on our 100 years landing page.

from a single battery charge.



## "The work of many hands"

Gerda Maier-Stoll, daughter of founder Gottlieb Stoll, and the founder's granddaughter Barbara Austel talk about the family and the company, the past 100 years and the future.

FM: Ms Maier-Stoll, when you think back to your childhood – how present was the company in family life at home?

GMS: The company was already quite big when I was born. That meant my father was very busy at work. My mother was also very committed, both in the family and in the company. The example set by our parents naturally shaped me and my siblings. We actually talked a lot about the business at home, but more in the sense that the company also seemed like one big family to me. My father always emphasised: The company is the work of many hands! Our success is the result of all our efforts.

### FM: Ms Austel, was it similar for you?

BA: For us, as well, the company was almost a constant presence at home and was the main topic of conversation. And of course, our main plant at the time was rather prominent in the small town where we grew up. Unfortunately, my grandfather died before I was born. But my father, Peter Maier, was very active in the company. He was an incredible technician and had the best ideas. I like to think that I inherited my passion for craftsmanship and tools from him. It was only logical for me to complete an apprenticeship as a joiner after leaving school.

FM: Many of your employees are skilled tradespeople themselves, particularly in application technology.

BA: That's right; it's extremely valuable for us. Our goal has always been to develop sophisticated tools for our customers – from experience and for practical applications. In other words, our tools have to prove themselves where they are used. That is why a close relationship with the trades and with tradespeople is essential for us. In the end, a tool that

we consider to be groundbreaking or innovative is worthless if it does not allow tradespeople to achieve the desired effect in their work.

FM: Festo grew enormously over the decades; the tool division was spun off and Festool became an independent company and brand in 2000. What has changed as a result?

GMS: Over the decades, it became increasingly clear that Festo's two business divisions were each writing separate success stories under one roof: Automation technology and the tools division, which had been trading as "Festo Tooltechnic" since 1992. In 2000, we recognised that the division of assets and spin-off of Festool would bring benefits for everyone. This allowed us to concentrate our focus: On our expertise in the development of excellent tools; and also on the specific needs of our customers in order to provide them with the best possible support in their work. I think we have been quite successful.

"My father always emphasised: The company is the work of many hands! Our success is the result of all our efforts."

Gerda Maier-Stoll

FM: Are there certain values that the company has cultivated from its beginnings to the present day and that you believe will endure for the next 100 years?

GMS: To this day, I'm deeply impressed by the courage and perseverance with which my father founded and built up the company; in addition, there is the innovative power and consistency with which many technical developments have been driven forward here over the decades. These are values that will continue to play a major role in the future.

BA: I think the passion for what we create here together – our employees together with our customers – is at least as important. When we go out and experience how enthusiastically tradespeople from all walks of life realise amazing projects with our tools, that is the greatest possible motivation and confirmation for us.



# R PATH, PRESENT EUTURE.

Our home has always been in Swabia, southern Germany. Our products are used in more than 50 countries across the world. To ensure that you can always rely on your tools, wherever you are, we apply the highest standards for production and product quality. We also focus on our responsibilities with regard to sustainability. This is the path we have travelled together with you - for the past 100 years, today, and in the future.

Text: Ralf Christofori | Photography: Festool

### Ready to grow sustainably.

Together with you.

ezer & Stoll became Festo. Festo became Festool. For a hundred years, customers have associated the initials of our founders and namesakes with a promise, which we are still honouring today: We are dedicated to helping you achieve more. And we are proud of the fact that you can work more easily, quickly and healthily thanks to our innumerable innovations. Judging by the many innovative solutions and technologies for the skilled trades, you can say with certainty: Things weren't always better in the good old days, but they sure were different.

Today, sustainability is a key issue for the future that gives the present day special tasks and challenges. It not only involves ecological factors, but also healthy business management and socially responsible conduct. The new Festool plant in Weilheim epitomises all of this: It is a commitment to the region where the company has had deep roots for 100 years and therefore a commitment to "made in Germany". This promise is also designed to ensure that we manufacture our products for the highest demands, while saving energy and conserving resources. Today and in future.

"Taking responsibility for people and the future – this claim is part of our corporate DNA

and we want to live up to

it every day.

Wolfgang Knorr, CTO & COO TTS Group



#### Wendlingen headquarters

Wendlingen has been the beating heart of Festool since 2000. It's where research and development happens and product quality is ensured and continually checked. It's the home of purchasing and marketing, sales and distribution. Wendlingen is also home to our central logistics centre.

"We work closely with our production network to make sure production in Germany and central Europe is sustainable."

Levin Löffler

Head of Global Production Controlling Festool



#### Neidlingen plant

Neidlingen has been one of the company's most important production sites since 1951. Expanded and extensively modernised in 1986, the Neidlingen plant was named "Factory of the Year" several times in the 2000s. The plant is currently being made fit for the future in accordance with the latest production standards.



#### Weilheim/Teck plant

In 2021, the new plant in Weilheim/Teck began operating. The modern and sustainable assembly hall is characterised by efficient and automated work processes – fully in line with Industry 4.0. A photovoltaic system on the roof of the assembly hall significantly contributes to covering the site's energy requirements with its own electricity.

# From Swabia to the wider world.

More than just a promise to our customers.

ur company has always stood for innovation and for continuously creating better solutions for professional trade work together with our customers. That is written in the DNA of Festool and our more than 2600 employees," explains Sascha Menges, CEO of Festool GmbH, and emphasises: "Without them, we never would have been able to achieve such success."

This success story also includes Festool's commitment to Germany as a business location with headquarters in Wendlingen and production sites in Neidlingen, Weilheim/Teck and Illertissen. Around 80 per cent of our machines are still manufactured in Germany today. The only production site outside Germany is located in Česká Lípa in the Czech Republic. The reach of our products is far more international. In terms of sales, it covers over 50 countries worldwide – and extends from Tierra del Fuego to Finland, from Australia to Alaska.



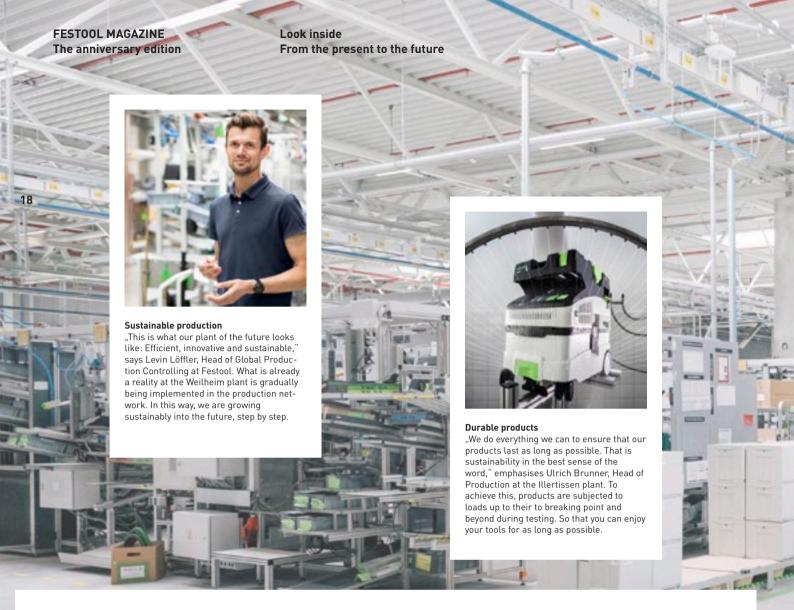
#### Illertissen plant

Illertissen, around an hour's drive south-east of the headquarters, has been home to the development, testing, assembly and logistics for CLEANTEC mobile dust extractors since 2012. At the Illertissen plant, which is located on "Pionierstrasse" (pioneer road) for good reason, the production and logistics areas are currently being doubled in size.



#### Česká Lípa plant

Our plant in the Czech town of Česká Lípa works with identical processes and quality standards as our German plants. It specialises in high-volume products and products in small batch sizes, a task made easy by the generous space conditions at this location.



## Our best, for you.

will always stay that way.

# What do we mean by sustainable responsibility?

e give our best in every regard so that you can work more effectively, healthily and successfully – and enjoy our products for as long as possible. All Festool products have to undergo the most stringent testing, both during actual testing and during production. After all, Festool has never compromised on quality or durability. That has always been the case. And it

Today, our state-of-the-art plants also set standards in terms of production. The assembly plant in Weilheim, which opened in autumn 2021, stands for pioneering manufacturing of products of the highest quality. It is designed to be particularly energy-efficient and resource-saving. The same standards are gradually being implemented throughout our production network: At the traditional plant in Neidlingen as well as in Illertissen, where Festool manufactures its mobile dust extractors, or at the plant in Česká Lípa, Czech Republic. What is already a reality in Weilheim will apply to all production sites once the conversions, renovations and extensions have been completed: Thanks to PV systems, Festool's production is carbon-neutral, in some cases even carbon-positive. That is our path to the future.



# The Systainer. An original to this day.

Originally developed as reusable packaging, the Systainer has become an indispensable building block in the Festool system: For storing and transporting machines, accessories or consumables.



1993

The **first Systainer** is created. The Festool original Systainer protects machines, makes transporting them easier and creates order.



2010

Close. Open. Connect. With a single turn. All thanks to the ingenious **Systainer SYS T-LOC system** launched in 2010.



2020

The third-generation **Systainer**<sup>3</sup> is even more variable and versatile. And the range keeps on growing: From the Organizer and Sortainer to the cordless table saws in Systainer format.



2025

The 100 years limited-edition SYS ECO Systainer³ is made from high-quality recycled material, 65% of which is used plastic; 50% less  $\rm CO_2$  is produced during manufacture than with previous standard plastics.

# THE MOST INGENUOUS BOX IN THE WORLD.

The Systainer has truly revolutionised the world of craftsmanship. It began with an idea to develop packaging that not only protected the product, but could also be reused. The result was a stable, yet versatile Systainer system, which is now enjoyed by millions of tradespeople.

The whole Systainer world at a glance:

» festool.co.uk/accessory/storage-and-transportation



### With T-LOC.

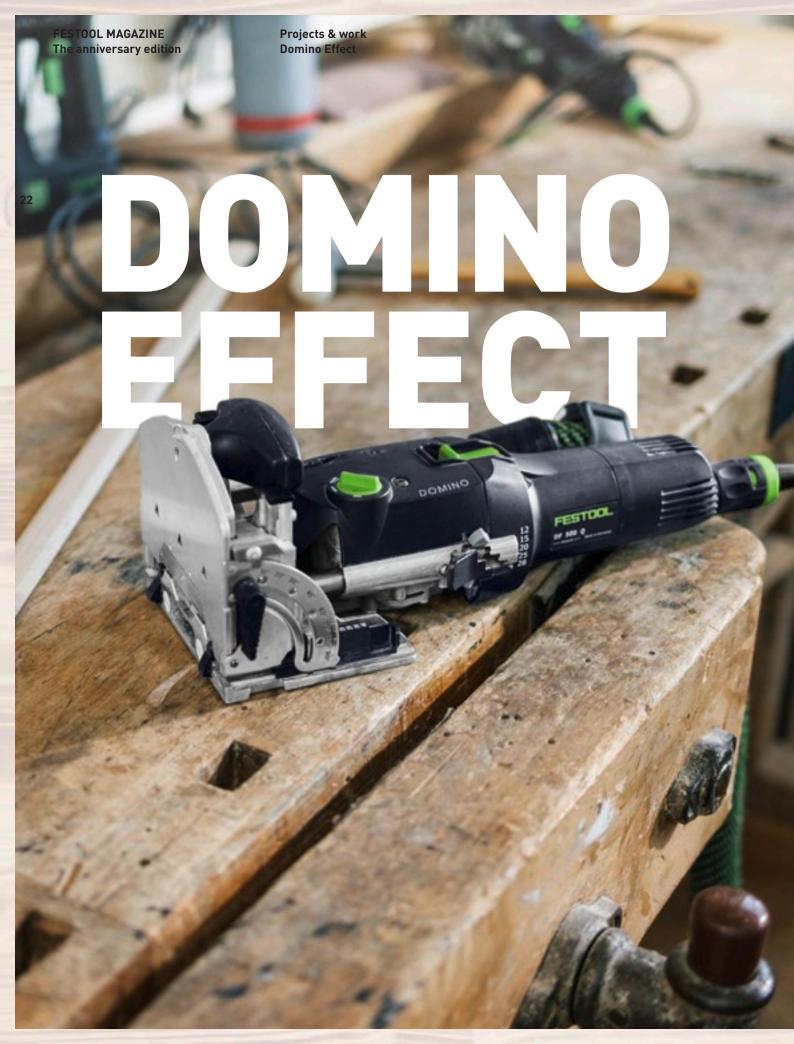
The Systainer has always stood for maximum versatility and variability in the workshop and on the construction site. Over three generations, we have continuously improved the world of Systainers with this principle in mind and together with you. Clever idea with a great effect: The T-LOC system, with which the Systainer can be opened, closed and connected with a single turn. Simply ingenious.

### With an overview.

The Sortainer and Organizer for neatly storing accessories and small parts are extremely helpful. There are various configurations with a total of seven accessory boxes of different sizes. In addition, the Sortainers can be completely customised with dividers and plastic containers. This means that everything always is clearly organised and easily accessible.

FESTOOL





The DOMINO jointing machine was launched in 2006. Since then, it has become an indispensable tool for professionals. Joiner Michael Schaaf is one of them. He was actually one of our very first customers.

Text: Ralf Christofori

Photography: Sven Cichowicz, Festool

n Heroldstatt, on the heights of the Swabian Alb, we meet master joiner Michael Schaaf in his workshop. It smells of wood, but there is also a hint of engine oil wafting across the yard. They are representative of Michael Schaaf's twin passions: Rally driving and joinery. The former is his hobby, the latter his profession. His enthusiasm for both is written all over his face. Especially when he can really step on the gas with excellent materials – be it in a car or with his tools.

But we aren't here to don helmets and take the car for a spin. Instead, we want to find out from Michael Schaaf how the DOMINO joining machine has changed his work. When he held the DOMINO DF 500 in his hands for the first time, he was twenty years younger and the new Festool jointing machine hadn't even been launched on the market yet. "It was a prototype, and as a test customer I used it in all sorts of ways to find out what was possible," he recalls. "Even then it was obvious that it could open the door to lots of things that wouldn't have been so easy otherwise." In his workshop, we can see that the master joiner is still enthusiastic about the system.

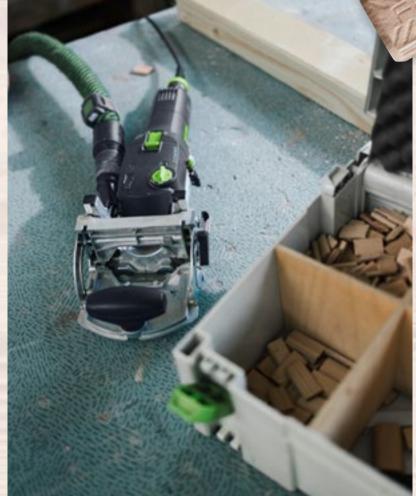
Three benefits in one dowel.
The specially shaped DOMINO dowels combine the stability of mortise and tenon joints, the flexibility of biscuit dowels in furniture-making and the precision of round dowels in frame and rack assembly. The result: Perfectly stable and twist-proof wooden joints.

2006









### Wooden joints made easy.

Simple and variable, precise and stable.

ichael Schaaf is a joiner through and through. He knows what he can do. And what he can do, he does even better with the DOMINO. Two innovations in particular have changed his work: Firstly, the specially shaped and therefore extremely stable DOMINO dowels; secondly, the unique pendulum routing principle, which ensures a perfect fit for elongated holes. DOMINO has opened up a whole new world

Michael Schaaf shows us and his apprentice Leoni Martin how to make precise and stable connections with the DOMINO at the workbench. The high-precision Festool DOMINO jointing machine makes it very easy, efficient and quick to complete preliminary work. The routing depth and angle are set using appropriate scales on the machine. Any number of workpieces or elements can be routed with repeat accuracy using the same setting. That is one of the big advantages when working with the DOMINO: There is no need for time-consuming measuring or marking, the DOMINO DF 500 is positioned quickly and precisely using the stop catches.

of possibilities for him in furniture, frame and rack construction.

Michael Schaaf makes three routed holes per joint – two exactly to size, one slightly wider "with play". This makes the subsequent joining and gluing of the dowels much easier. The dowels are firmly in place. The joint is stable even without gluing. Michael Schaaf swings two solid wood slats connected at the corners wildly back and forth, as if to provide solid proof for this. Does anything move or loosen at the connection? No. Not even the slightest hint of movement.

 ∇ Perfect results, step by step: Michael Schaaf with apprentice Leoni Martin and the DOMINO jointing system.

← The DF 500 with its unique pendulum routing principle enables the DOMINO dowels and connectors to be fitted precisely.



25



Swabian idiom to express astonishment. "Not bad" is high praise from a Swabian craftsman.

"The precision and stability of the entire DOMINO system is an added value in terms of quality. That much is very clear."

### Invented for connection.

The DOMINO system.

hether standard work or tailor-made to individual requirements – Michael Schaaf remembers many customer projects that he and his team would not have been able to complete so easily and with such stability without the DOMINO. "The precision and stability of the entire DOMINO system is an added value in terms of quality. That much is very clear, "he emphasises, "and that applies to furniture construction just as much as to structural panel or frame connections."

The DOMINO was invented for connection. And perfect connections are what it does. It is not just the machine that delivers standout performance, but the entire universally applicable system. In addition to the wooden dowels in various dimensions up to 14 x 140 mm, there are metal connectors for detachable connections. The XL version of the DOMINO 700 with a routing depth of up to 70 mm is particularly suitable for solid wooden joints. And the brand-new DFC 500 cordless jointing machine, which even Michael Schaaf hasn't had a chance to try, could open up completely new possibilities.

Discover more stories about extraordinary craftspeople and their projects in our blog:

» festool.co.uk/blog/work

### SCHREINEREI MICHAEL SCHAAF

Michael Schaaf did not fall into joinery by accident, but was driven by a pronounced passion for technology. At 15, he began training as a joiner and, after five years as a apprentice, became a master craftsman. In 1994, he took over the company where he had completed his apprenticeship in Heroldstatt and became self-employed. Schreinerei Schaaf has grown continuously over the past 30 years. Today, the company has six employees, including two apprentices.





# **DF 500**

The DOMINO DF 500 is particularly easy to handle and offers almost unlimited connection options for panel, body or drawer construction, for light frame or rack connections. For dowel sizes from 4 x 20 mm to 10 x 50 mm. The next generation, DF 500 R with a revised guide frame, is already raring to go by the way.



# **DF 700**

The DOMINO 700 in XL format ensures maximum stability with dowels up to a size of 14 x 140 mm or the detachable DOMINO corner and surface connectors. Fast, precise, twist-proof and therefore ideal for furniture and door construction and the production of structural solid wooden joints.



# **DFC 500**

What would it be like if the DOMINO 500 were also available as a cordless tool? We have asked ourselves the same thing. The impressive answer is already here and will be with you soon. We will keep you updated.

# **CONNECTORS**

The DOMINO dowels are available in various sizes and lengths as well as customisable bars. With DOMINO connectors, frames, racks or panels can be connected in a stable and detachable manner. DOMINO beech dowels come from sustainably managed forests and are FSC-certified.





A FAMILY HISTORY

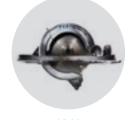


The history of our saws tells its very own Festool family story. It leads from the ancestors of the first portable circular saws through several generations to the highly talented plunge-cut saws, which now form an impressive family in their own right. What they are capable of today in combination with the guide rail is something that Festool has developed to perfection over decades in close cooperation with its customers.

Text: Ralf Christofori | Photography: Festool



SB 126
Fezer & Stoll portable circular saw.
The first portable circular saw for joiners and carpenters.



1948

# AE 85 Festo pendulum cover saw. The AE 85 was considered the flagship among the saws during the post-war reconstruction years.



AAU 50 "Sägehexe" Festo portable circular saw. High performance doesn't have to weight heavy on you. The popular "Sägehexe" proves this.

# Saws with the best genes.

From the first portable circular saws to plunge-cut saws.

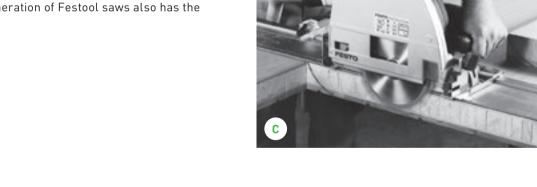
hen we talk about our saw family, we always have to talk about the excellent genes that are passed on from product generation to product generation. The fact that the first product from Fezer & Stoll was a portable one-person chainsaw is more than just a fun fact. It took over difficult, manual work on site that previously required at least four strong hands. That's what it's all about from there on: Making work easier for tradespeople with powerful portable machines that can be taken wherever they are needed.

The first portable circular saw SB 126 shows the way. In the decades that followed, circular saws became increasingly compact and easier to handle. In the early 1950s, the "Sägehexe" proved to be almost indispensable for carpenters and joiners: A compact and handy circular saw that allows you to work easily, precisely and safely (Fig. A). The invention of guide rails (Fig. B) in the early 1960s was a sensation in terms of precision, and today it is impossible to imagine life as a tradesperson without them. 1980 marked the start of the success story of the Festo and Festool plunge-cut saws (Fig. C), which are still among the best of their kind today. Whether cordless or corded - the latest generation of Festool saws also has the best genes.











1980



1986



2016

**AXF 45** First Festo plunge-cut saw. The success story of Festo and Festool plunge-cut saws begins with the AXF 45.

**AXP 132** Festo pendulum cover saw. The AXP 132 mobile pendulum cover saw sets new standards with a cutting depth of 132 mm.

Festool cordless portable circular saw. More freedom of movement when sawing - on construction sites and even roofs.

HKC 55

# Lighter. Simpler. More accurate.

ver the decades, portable circular saws have become lighter and easier to handle. Guide rails are an indispensable aid when it comes to cutting large-format panels precisely to size. The guide rail was developed further at almost the same time as the first plunge-cut saws. They soon became inseparable.

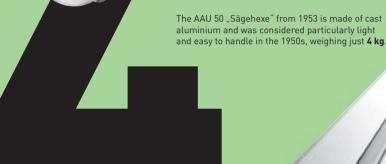


With a gross weight of **22 kg**, the SB126 (1930) seems pretty heavy from today's perspective. The first portable circular saw was nevertheless considered to be quite compact at the time.



1982

The combination of saw and guide rail is unbeatable. In 1982, the further developed guide rail with integrated splinter guard is launched on the market and ensures splinter-free sawing over the entire length.





13,000

To date, over 10 million guide rails have been sold worldwide. If you placed all of them in a straight line, it would measure around **13,000 km** – which is longer than the Earth's diameter.

800-5000

From 1980, the transition to aluminium meant the guide rail weighed less while gaining precision and robustness. Since 2003, the FS/2 has been available in eight different lengths, ranging from **800 mm** to 5000 mm, and with lots of accessories that significantly expand the possible applications for the guide rail.



### The plunge-cut saw family.

# Better and better from generation to generation.

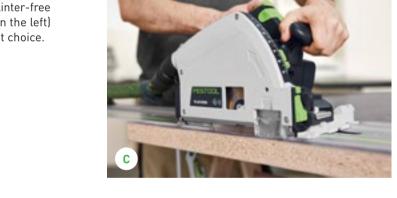
inding the best solution together with tradespeople has always been part of Festool's DNA. Since 1980, Festool plunge-cut saws have been known for their reliable quality and absolute precision. And the product family continues to grow – driven by the aim of offering an even better solution to craftspeople with every new generation. Our aim: The perfect cut with every application. Optimised Festool saw blades with which you can always work appropriately for the material (Fig. A) help to ensure this. All plunge-cut saws are perfectly matched to the entire guide rail system.

The latest generation of the family comprises five plunge-cut saws, each of which has its own advantages and qualities. The TS 55 impresses with absolutely precise cuts and reliably high performance. Its cordless sister, the TSC 55 K plunge-cut saw, is the equal of a mains-powered machine when it comes to cutting performance and precision. The TS 75 with a cutting depth of 75 mm and 1600 watts (Fig. B) cuts thick workpieces powerfully and economically. The TS 60 K is the true all-rounder among plunge-cut saws: It combines precision with flexibility and the highest cutting quality (Fig. C). And for those who attach great importance to particularly clean cuts that are splinter-free on both sides, the perfectionist TSV 60 K (pictured on the left) with its built-in scoring saw blade is exactly the right choice.











**TS 75** Festool plunge-cut saw. The plunge-cut saw with depth for precise plunge cuts in materials

up to 75 mm thick.



**TSC 55 K** Festool cordless plunge-cut saw. Cordless and even safer: The TSC 55 K cordless plunge-cut saw with KickbackStop.



TS 60 K Festool plunge-cut saw. One saw for every task: The TS 60 K is the most versatile aw of its kind.



# Precise cuts with a system.

Thanks to guide rails and lots of accessories.

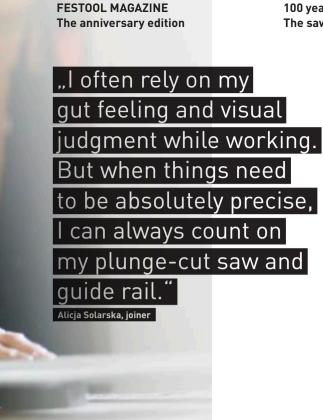
he fact that plunge-cut saws are so successful is also thanks to the ingenious guide rail and the many accessories that open up completely new possibilities when sawing. The integrated splinter guard in the form of a rubber lip allows for splinter-free sawing. The self-aligning connecting pieces allow users to connect two guide rails so that they are straight and stable. With the angle stop, you can achieve precise angles of -60° to +60° with repeat accuracy. When panel cutting, the FS-PA parallel side fence enables you to cut strips of exactly the same width, again and again. Screw and lever clamps provide support and stability, and the guide rail even sticks to walls with the adhesive pads. This makes the guide rail system the ideal tool for professionals who value ease of use and precision when sawing.

### DID YOU KNOW?

The guide rail accessory system currently comprises 65 clever aids that make your everyday work easier.







# #festoolme / #festool100 Tell us your Festool story (or stories).

Do you have a special connection to Festool? Then share your story using the hashtags #festoolme or #festool100 on Instagram.





# **TS 60**

#### 100 YEARS LIMITED-EDITION TS 60 SYSTAINER3

Festool plunge-cut saws have been setting the standard for saws for decades. The TS 60 K is redefining it yet again. That is why we're offering the TS 60 plunge-cut saw in the 100 years limited-edition Systainer<sup>3</sup> with a 100 years cap.



FS 1400

### 100 YEARS LIMITED-EDITION FS 1400 GUIDE RAIL

Who invented it? Precisely! The Festool guide rail has made history since its invention. To mark the anniversary, we have produced a limited edition of the FS 1400 in the blue 100 years design.





You can find these and other 100 years limited editions here.





# Always on

Better visibility thanks to more light.

Anytime, anywhere. With our SYSLITE lights.



# Brings light into the dark

With our SYSLITE lights, you can optimally illuminate your working area on the construction site. Throughout the room or in dark corners.

You can find more lights here: » festool.co.uk/products/illuminating







The first orbital sander with dust extraction. In 1966, the Festo RTT-S was the world's first orbital sander that did not just catch dust, but actively extracted it. Exactly where it originates.

Extractors for every challenge. With the CT series extractors, Festool is continuously expanding its range of innovative extraction solutions for professional tradespeople.

# PIONEERS IN DUST EXTRACTION





No tool manufacturer has promoted dust extraction as consistently as Festo and later Festool. The development of the first orbital sander with dust extraction in the 1960s was a milestone. Since the day the RTT-S was introduced on the market, Festool has not produced a single new handheld machine – except screwdrivers and drills – without a dust extraction device.

Text: Ralf Christofori | Photography: Festool





# It's the system that counts.

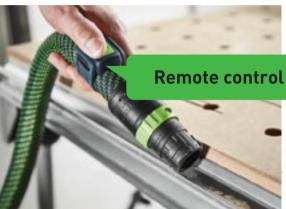
# Effective and innovative solutions for dust extraction.

42

ealthy and clean working means working virtually without any dust. Festo, now Festool, was an early advocate of greater product safety and health protection. It all started with patented dust collection bags on the disc sanders. The first active extraction system followed in the mid-1960s and was continuously developed further from then on. Two things were clear from the start – and they apply today as they did then: Dust has to be extracted where it is created. And the system made up of the tool and extraction system is crucial and has to work seamlessly for customers.

In line with these guiding principles, Festool has developed numerous innovative extraction solutions for a wide range of applications. The PLANEX LHS 225 long-reach sander, for example, is equipped with vacuum suction in addition to the dust extraction, which makes work much easier. The patented MULTI-JETSTREAM system ensures optimum extraction on all size 150 sanding machines. Thanks to integrated Bluetooth® technology, the extractor can be switched on automatically via the Bluetooth® battery packs or the handy remote control. The AUTOCLEAN automatic cleaning ensures constantly high suction power. And for large amounts of dust, there is the CT-VA pre-separator with integrated cyclone technology. All of these are system-compatible. So that virtually dust-free work becomes easier for customers and ultimately a matter of course











# Dust extractor + air purifier.

100 years

Our solution for the best possible air quality.

44

nywhere sawing, routing, sanding or drilling takes place, dust is produced. Whether you're in a workshop or on a construction site – Festool has the right extractor for every job site and every application. The range of particles that our extractors "breathe in" is huge: The spectrum ranges from harmless dusts such as household dust, lime and soil to harmful dusts such as cement, gypsum, filler, plaster, paints and varnishes to pathogenic or carcinogenic dusts such as mould or asbestos. And for the finest airborne dust that a dust extractor cannot capture, there is our new SYS-AIR air purifier.



The SYS-AIR air purifier filters airborne dust and the smallest of dust particles from the air which are not caught despite professional extraction. The only thing left behind? Clean air



# CT MIDI AC

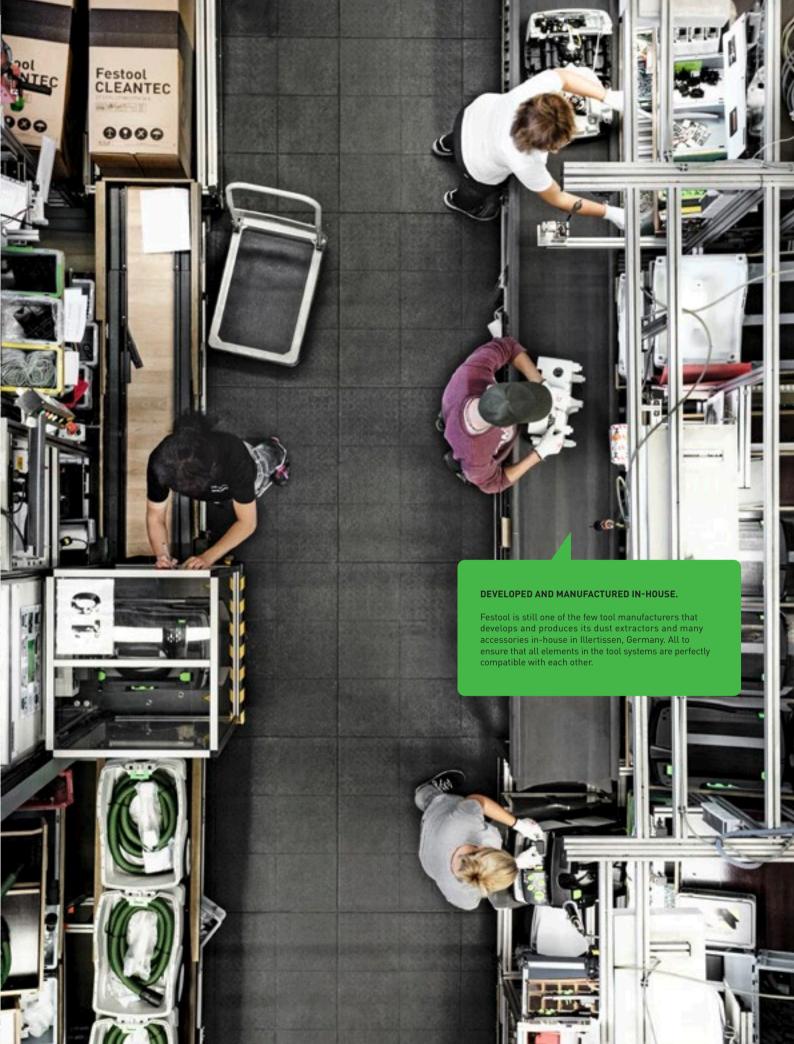
## Compact suction power with AUTOCLEAN.

The perfect compact dust extractor for service and assembly work. With an intuitive touch-based operating concept and advanced AUTOCLEAN main filter cleaning for consistently high suction power and longer working intervals.

# CT 26/36 EI

# The next generation.

Whether on the construction site or in the workshop - our CT 26 and 36 El extractor models are true all-rounders. The new generation with its touch-based operating concept can also be linked to the Festool app via the permanently installed Bluetooth® interface.







# The new cordless portable circular saw.

The new HKC 55 K with KickbackStop is here! Sounds good? Feels even better. Equipped with our HighPower 8.0 Ah battery pack and the 1.6 mm thin kerf saw blades, up to 200% more power is possible! This allows you to saw with less effort and even save time doing so. In combination with the cross-cutting guide rail, you can make fast and precise cross cuts wherever you need them.

» festool.co.uk/@578302



PATRIK HANSSON Owner of Kreativa Snickare, Färingsö, Sweden

Demanding tradespeople must be able to rely on optimal tools in everyday work. We want to present some of our favourites and new products.

Text: Melissa Berger | Photography: Festool

"My portable circular saw
from Festool has been indispensable
to me for years. But the new
HKC 55 K has significantly more
power – and even more endurance
with the 8.0 battery pack."

# 8.0 battery pack

#### The endurance athlete for heavy-duty use.

The 8.0 Ah Li-HighPower battery pack with Bluetooth® is the most powerful and longest-lasting battery pack from Festool. It provides maximum power and endurance: 60% longer runtime than a 5.0 Ah standard battery pack – even for heavyduty applications.

» festool.co.uk/@577323

# Festool App

#### Stay connected.

As of this year, there is one Festool app for everyone (and everything). This allows you to locate your Bluetooth® batteries, view the charge status, make settings on the tool or use new functions via software updates, among other things. And of course we will keep you up to date with news, promotions and tips from our experts.





Stay connected and get the



"For edge routing, it's important that you can guide the tool as easily and precisely as possible.

With our new cordless edge

router, this is possible without any restrictions."





Master joiner and Festool application expert

# **OFKC 500**

#### The new cordless edge router.

Ergonomic, simple, fast: Our new OFKC 500 cordless edge router sits perfectly in the hand and is operated using the switch in the handle. Cable clutter when routing around edges is a thing of the past. The height adjustment can be precisely set in the 1/10 mm range. This allows you to achieve smooth workflows and precise routing results.

» festool.co.uk/@577985

# **FS-EZ 150**

# The new one-handed clamp.

Our new multifunctional one-handed clamp offers you optimum support for your projects and maximum compatibility in the Festool system. You can assemble the clamp flexibly to suit your application using the switching function. Whether you are clamping, spreading or using it in combination with the guide rail - you can always work with precision and control.

» festool.co.uk/@578623



NADJA KÖRBEL Floor layer and Festool application expert





# **ExoActive**

## Work made easy.

Whether dry mortarless construction, painting, wallpapering or installation, whether on walls or ceilings, the ExoActive makes work easier for you. The active exoskeleton gives you an extra power boost when your arms get tired, and takes the load off your neck. So you can work for longer and be much more relaxed while doing so.

» festool.co.uk/@577811





## For beginners and connoisseurs.

Our Granat starter sets offer you the ideal introduction to the world of our abrasives. In addition to the Granat D150 starter set, there is now also the Granat D125 starter set. Thanks to our new Granat Net D150 starter set, you can also easily try out our net abrasives for yourself. One thing is true for all sets: It's definitely worth giving them a try and testing our abrasives for yourself.

» festool.co.uk/accessory/surface-preparation/ abrasives/granat 50



# The "Rutscher"

Festo launched the first RTE Rutscher on the market in 1951. The original with the trademarked name quickly became a firm favourite in the workshop and in trade jargon. That is because it replaced the time-consuming work with a hand-sanding block and paved the way for machine sanding. It was the start of an unparalleled career: 250,000 Rutscher sanders were sold by the early 1960s. It has endured over several product generations and is still available to this day.

# LIVING LEGENDS

Supplying tradespeople with the right tool for every surface finishing job is what Festool has always done. The world's first orbital sander and the revolutionary ROTEX are representative of this. Both have managed to become living legends.

Text: Ralf Christofori | Photography: Festool



# The ROTEX

When the ROTEX RO 1 was launched in 1979, experts were amazed: Combining three tools in one sander had never been done before. It was simply a matter of switching between modes and getting started: From coarse to fine sanding, through to polishing. Tradespeople were delighted. In 2005, the RO 150 was launched. It too does the work of three tools, but makes work even easier. Over the years, the ROTEX RO 150 has even established its own small product family with the RO 90 and RO 125.

# RO

# From evolution to revolution



1951

#### RTE ORBITAL SANDER

The first RTE Rutscher orbital sander replaced painstaking manual labour with fine sanding by machine.



1966

#### RTT-S ORBITAL SANDER

Sanding goes dust-free: The RTT-S was the world's first orbital sander with active dust extraction.



1976

## WST 150 ECCENTRIC SANDER

Greater material removal capacity than ever before: The first eccentric sander with integrated extraction was brought to market.



1979

#### **ROTEX RO 1**

The RO 1 geared eccentric sander combines three functions in one machine: Coarse sanding, fine sanding and polishing.



2005

#### **ROTEX RO 150**

The ROTEX has been continuously developed since 2005 and is still the undisputed all-round champion today.

# RTE

# From the "Rutscher"...

The Rutscher orbital sander has been a stroke of luck for several generations of products and tradespeople.



# THE BIRTH OF DUST EXTRACTION.

Karl Attinger was involved in the development of the first orbital sander with dust extraction in the 1960s right from the start. Not everyone was convinced by his groundbreaking idea at first: "Attinger wants to stick an extractor on the sander!" people exclaimed. "And the worst part: He's putting holes in the abrasive paper! Nobody will buy it." Gottlieb Stoll put an end to the debate: "Karl, pack up your car. For every customer who orders an orbital sander with a dust extractor, you get 15 Deutschmark." Within a week, Attinger had collected twenty signatures. This allowed him to not only convince sceptics within the company of the benefits of dust extraction, but also customers in particular.



Over the decades, Festool sanders have become better and better in terms of performance and material removal rate, and the orbital sander has become increasingly compact. The ergonomic one-handed cordless RTSC 400 sander allows maximum mobility and movement today.







# ... to the ROTEX.

For more than forty years, the ROTEX has been impressing professionals and discerning tradespeople.





# THE ROTEX FAMILY.

The ROTEX has started its own little family over the years, passing its best genes from the RO 150 down to the RO 125 and RO 90. The more compact RO 125 comes into its own on smaller workpieces or wall surfaces. The "little" ROTEX even has yet another function: If you replace the sanding or polishing pad with a triangular pad, the RO 90 turns into a delta sander.





he ROTEX is an endurance runner. The robust geared eccentric sander is considered to be extremely durable and almost indestructible. Its talents as an all-rounder are truly legendary: Three tools in one – that had never been done before. All-rounders are usually able to do everything to a fair standard, but not really well. The ROTEX is completely different. It achieves a high rate of material removal with coarse sanding and an outstanding surface quality when fine sanding. The ROTEX rotary motion, the proven combination of eccentric and orbital motion, enables the ROTEX to achieve perfect results even when polishing paint or oiled surfaces. Today, the ROTEX is still considered to be the all-rounder sander.

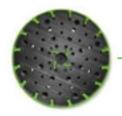
Of course, effective dust extraction is indispensable during coarse and fine sanding. That's why Festool has developed the world's only MULTI-JETSTREAM sanding system for all size 150 sanders: The sanding pads work via supply air and exhaust air, in order to prevent the formation of a vacuum on the workpiece. This not only increases the sanding performance, but also the service life. All this and more makes the ROTEX RO 150 a living legend to this day.



# Master of versatility.

This is what makes the RO 150 an all-rounder.

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#### **MULTI-JETSTREAM 2**

The patented MULTI-JETSTREAM 2 pad with supply air and exhaust ensures maximum extraction with maximum sanding power. Available in ultra-soft (SW), soft (W) and hard (H) hardnesses.



# THE ROTEX ROTARY MOTION

The unique ROTEX rotary motion is a combination of orbital and eccentric motion. It guarantees an outstanding finish in particular when sanding with high material removal (coarse sanding) and when polishing.

#### Coarse sanding

Maximum material removal with the ROTEX rotary motion: The displaced orbital and eccentric motion removes large quantities of material in no time at all.



# Fine sanding

The classic eccentric motion for intermediate and fine sanding achieves a super-fine sanding finish and ensures top-class surface quality.



#### **Polishing**

The ROTEX rotary motion combined with Festool polishes and polishing sponges produces gleaming results without heating the surface significantly.





#### OPTIMUM ABRASIVES

The Granat abrasive is our number one product for universal use. Granat Net is suitable for coarse to fine sanding of materials that produce a large quantity of dust. The robust Rubin is ideal for coarse to fine sanding of wooden surfaces.



#### PROTECTOR

The FESTOOL 150FX protector protects the sanding pad and the workpiece. Especially when sanding close to the edge, the protector offers protection against damage directly at the edge of the workpiece, thus avoiding laborious reworking.



#### KEEP A HANDLE ON EVERYTHING

The ZG-RAS/RO auxiliary handle (in the items included) allows the machine to be guided better and more easily - especially for coarse sanding work. The BG-RO 150 D handle allows you to apply greater and more even pressure to the surface.

# **EFFECTIVE EXTRACTION**

For coarse and fine sanding, the effective dust extraction in combination with the right CLEANTEC mobile dust extractor is a must. For unhindered polishing, the extraction channel on the machine can be removed in a single step.

The RO 150 geared eccentric sander in a 100 years limited-edition Systainer<sup>3</sup> with 100 years cap.





You can find these and other 100 years limited editions here.



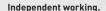
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Tools Battery in – lights on

# BATTERYIN LIGHT ON

The new ETSC 2 150 offers maximum freedom of movement and optimum visibility when sanding. Whether you are working in a workshop or at a hard-to-reach location, the cordless eccentric sander will help you achieve the best results with ease.

Text: Ralf Christofori | Photography: Festool



**Independent working.**For practical working without the need for a mobile dust extractor: Wherever you are, the dust collection bag for the ETSC 2 offers maximum freedom of movement when sanding, without an irritating suction hose getting in the way.



Infinitely variable speed preselector. You can set the appropriate speed for every material - with constant power even under high loads.



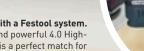
#### Light on.

Three light modes can be set on the machine – full lighting, 50 % dimmed light or no light. You can even use your Festool app to dim the light in a customised and infinitely adjustable manner and to set the afterglow time – enabling you to check the surface again after finishing sanding.



# Working with a Festool system.

The compact and powerful 4.0 High-Power battery pack is a perfect match for the ETSC 2. The 18V power in the Festool system enables you to seamlessly switch between batteries and machines.





Dino Frey, Festool application expert

unnecessary reworking.'

- ↑ Thanks to the LED light ring, you can immediately recognise any unevenness when sanding.
- ↓ With the Festool app, you can use your smartphone to dim the light in a customised and infinitely adjustable manner and set the afterglow time.





# Without a cable in sight. But with bright light.

The new ETSC 2 eccentric sander with 18 volts of battery power and LED light ring.

W

hatever task you face: We want to make working as effortless, quick and easy as possible for you. We develop cordless tools for you that are lightweight, fit perfectly in your hand, yet supply you with precisely the cordless power you need. The

latest example is our new ETSC 2. The cordless eccentric sander offers maximum freedom of movement when sanding. Thanks to its compact and low design, you always have everything under control. The 4.0 Ah HighPower battery pack enables fast work progress and is compatible with all your 18V cordless machines.

An additional highlight in the literal sense is the integrated LED light ring on the front of the sander. It improves your view of the surface and reveals any unevenness during sanding. Three light modes can be set on the machine: Full lighting, dimmed light, or no light. You can even use your Festool app to dim the light in a customised and infinitely adjustable manner and set the lighting duration – enabling you to check the surface again after finishing sanding.

You can continuously adjust the appropriate speed depending on the material and substrate condition with constant power even under high loads. The carbide-tipped sanding pad brake prevents the sanding pad from revolving too quickly when idling, which enables the tool to be positioned on a surface without producing scratches. You can achieve the best results with our Granat abrasive and the unique MULTI-JETSTREAM sanding system for the highest extraction effect with maximum sanding performance. With the new ETSC 2, you will definitely achieve the desired surface quality. In one go. Without unnecessary rework.



↑ The new ETSC 2 cordless eccentric sander is available in the D 150 and D 125 versions.



# ETSC 2

## THE NEW CORDLESS ECCENTRIC SANDER

- Perfect view of your finish. The integrated LED light ring improves your view of the surface and makes it easier to see any unevenness for a perfect finish.
- Independent sanding without a cable in sight. The cordless eccentric sander with the powerful 4.0 Ah battery pack ensures fast work progress and maximum freedom of movement even with a dust collection bag.
- Designed to ergonomically fit your hand. Its low height means that the sander sits perfectly in your hand – for convenient sanding, whether you are working on the plane or overhead.

# FIND OUT MORE

You can find out all about the new cordless eccentric sander, the sets and the entire system here:

» festool.co.uk/@577737

,,

# KREATINA SNICKARE

In Sweden, the home of timber construction, people work outside in all types of weather. Patrik Hansson, head of "Kreativa Snickare", is well equipped for this. With a whole range of cordless tools that make his work much easier.

Text: Ralf Christofori | Photography: Frida Ström, Patrik Hansson





e meet Patrik Hansson under a blue sky on a glorious day in the late summer. The construction site where he welcomes us is around 30 minutes' drive west of Stockholm, on the shore of a lake reflecting the evening sun. There are even a few ducks

doing their lazy laps. Oh, how romantic the life of a timber construction specialist in Sweden is – you might think. "But it's not," Patrik corrects immediately. Especially when it's a long-term project like this one. "I've experienced many beautiful summers here with my colleagues, but also harsh winters," he says.

Patrik unloads lots of Systainers, which he unpacks one by one. His KAPEX KSC 60 cordless sliding compound mitre saw is used outdoors come snow, rain or shine. He also always has the HKC 55 with him. The HK 85 and the SYS-PowerStation are very valuable for tough sawing jobs. And his QUADRIVE cordless impact drills are in daily use anyway. Everything is cordless? "Yes, of course," Patrik nods and explains: "We work almost exclusively outside on construction sites at any time of year. Our Festool cordless tools are indispensable here."



"Over the years, I've experienced many beautiful summers here with my colleagues, but also harsh winters."





- → Not an uncommon sight: Work with
  the cordless compound mitre saw at
  as little as -20 degrees. And we're not
  talking about the mitre angle here.
- ightarrow Heavy duty: With the HK 85 and the SYS-PowerStation, Patrik Hansson has more than enough power when sawing outdoors.







# Power and precision.

Why cordless tools are indispensable for Patrik Hansson.

hen Patrik Hansson came here for the first time in 2006, there was nothing but trees and bushes. In the photos he shows us, he was still an apprentice. His two bosses, Roger Hedlund and Petrus Birgersson, were commissioned by the clients at the time. Patrik is intimately familiar with pretty much every stone and beam. When he became self-employed in 2010, he continued to work for the homeowners.

The major extension of the residential building began in 2021. It comprised several construction phases, with the structure on the upper floor facing the lake proving to be particularly challenging. Where there was previously a terrace, another living space was to be created. To achieve this, not only did the load-bearing parts of the floor have to be reinforced, but solid pillars also had to be erected and the existing dormer roof extended. In order to preserve the view of the lake, mullioned windows were installed around the perimeter, giving the entire structure a very light appearance. "In the first step, we used really heavy machinery to build the structure, then we used precision tools to create the window frames and the intricate interior fittings," explains Patrik.

# Cordless tools that can handle solid stuff as well as precise work

The timber construction specialist masters work with solid wood elements just as confidently as the precise details. And that is exactly what Patrik Hansson appreciates about the tools he has been working with for almost 20 years: "The first time I held a Festool tool in my hands was when I was still working as an apprentice under my boss. And I've never quite been able to let go," he says. When he founded his own company, he built up a collection of Festool machines that has grown considerably to this day. He now relies almost entirely on cordless tools: "They provide the power I need for structural timber construction. And they deliver precision when it comes to the small details. Above all, our robust cordless tools have to withstand a lot. And I have to say: They have never let me down."

 $<sup>\</sup>leftarrow \mbox{ The cordless sliding compound} \\ \mbox{mitre saw delivers maximum power} \\ \mbox{thanks to the combination of a dual} \\ \mbox{battery system and the brushless} \\ \mbox{EC-TEC motor.} \\$ 

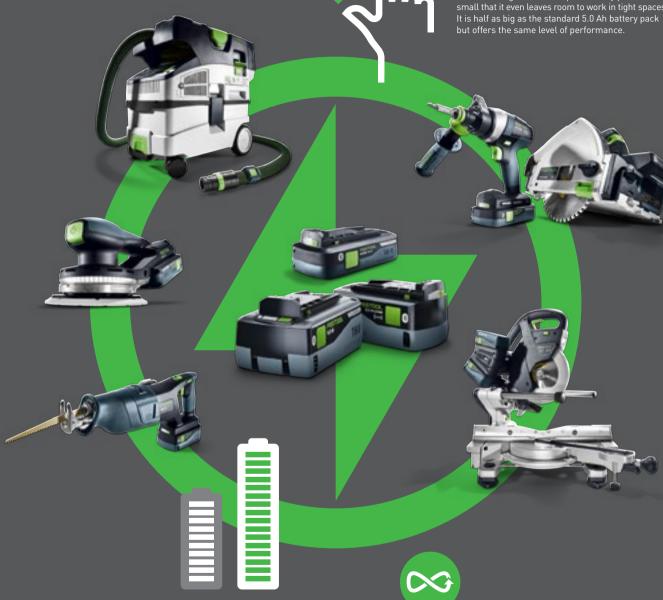
# 18-volt power.

Everything you might need: Perfect cordless power for every application.

**50%** 

#### Compact and just as powerful.

The 4.0 Li-HighPower Compact battery pack is so small that it even leaves room to work in tight spaces. It is half as big as the standard 5.0 Ah battery pack



+60%

#### Maximum power and endurance.

The 8.0 Ah Li-HighPower battery pack provides longer runtime than a 5.0 Ah standard battery pack), even for heavy-duty applications.



# Completely covered.

With our Warranty all-inclusive\*, not just your tools but also all batteries and chargers are fully covered: A full repair\*\* is completely free of charge in the first three years – this also applies to battery packs and chargers. See page 82 for terms and conditions, explanations and additional information.

FESTOOL MAGAZINE
The anniversary edition

Dedication Kreativa Snickare

"I'd be lost without my battery packs. That's why I always look after them carefully."

n this early morning, Patrik installs the KAPEX KSC 60 and prepares his saws, screwdrivers and batteries. He will need them all today. They replace his workshop. Or rather, they are his workshop. The Festool battery system makes it possible for him to work optimally with the best tools, anytime and anywhere. Why not with a lovely view? But he has little time and inclination to enjoy that today. He needs to focus on what he does best. Securing the substructure of the terrace with the QUADRIVE TPC 18/4. Or cutting planks exactly to size using the HKC and the cross-cutting guide rail.

Meanwhile, his colleague Jon Erlands is already preparing the TSC 55 K and the guide rail so that they can later cut the whitewashed timber panelling on the façade to length. "Every day is different, the type of work is incredibly varied and every task is a special challenge," says Patrik happily. At the same time, the battery packs are charged in the warm, dry boathouse so that he can work without interruption throughout the entire day. "I'd be lost without my battery packs. That's why I always look after them carefully."







- ↑ Concentrated battery power: Patrik Hansson uses the QUADRIVE TPC 18/4 cordless impact drill every day.
- ← Time is money: With the AIRSTREAM SCA 16 rapid charger, the 8.0 Ah Li-HighPower battery pack is ready for use again in around 30 minutes.



# Sophisticated craftsmanship.

Working with his hands and heart, the right people and the best tools.

ver the years, the house by the lake has almost become Patrik's second home. The cooperation with the owners is based on great trust and mutual appreciation. Whether he is involved in the construction of the boathouse or contributes his enormous knowledge and experience to the planning and realisation of the extensions: What Patrik does, he does with his hands and with his heart and soul. And he knows how and with whom he works best. His team consists of specialists on whom he can rely completely. He has worked closely with Jon Erlands for over 15 years. The two were even schoolmates as children. What they have in common is the same understanding of sophisticated craftsmanship, which not only enriches their own work, but also impresses customers with the results.

"Our robust cordless tools have to withstand a lot. And I have to say: They have never let me down."





- $\[ igwedge$  Patrik Hansson has worked closely with his colleague Jon Erlands (left) for over 15 years.
- ← With the TSC 55 K and guide rail: Precision is also important when cutting the large wooden decking to size.
- → With the HKC 55 and the CTMC MIDI cordless extractor: Keeping things clean is a matter of course for Patrik Hansson, even outdoors.



# Small and exquisite.

A playhouse for the little ones. A five-finger exercise for the timber construction specialist.

atrik Hansson only completed the latest project around the house by the lake this summer: A small playhouse for the owners' grandchildren, which was modelled on the house with many loving details. Patrik himself planned and designed the playhouse – from the façade to the "open roof truss" and the guttering to a miniature letterbox and the old ship's lanterns, which are particularly dear to the owner and collector. Everything is genuine. Everything is accurately scaled down – and built with the utmost care and precision.



- ↑ The playhouse for the grandchildren is a scale model of the large house.
- $\psi$  With the CSC SYS 50 cordless table saw, the sawing work for the playhouse became child's play for Patrik Hansson.



For Patrik Hansson,
the combination of cordless
table saw, underframe
and cordless dust extractor
works like a mobile
workshop in its own right.



↑ On the display of the CSC SYS 50, each cut can be set and repeated to the nearest tenth of a millimetre.

#### Fine detail work with the precise cordless table saw

During the construction of the playhouse, the timber construction specialist was able to fully utilise his talent for fine woodwork – on the mullioned windows and the coffered door as well as the interior finishings. With the CSC SYS 50 cordless table saw, this was child's play, says Patrik: "This saw has really changed my work. I can set the cutting height, angle and saw blade position digitally to an accuracy of a tenth of a millimetre and call them up repeatedly. And I can really work anywhere with the table saw." Patrik's beaming face leaves no doubt that he really enjoyed working on the playhouse: "That was a relaxing five-finger exercise for me alongside the rather significant, solid woodwork around the residential building."



# #festoolme / #festool100

Tell us your Festool story (or stories).

Do you have a special connection to Festool? Then share your story using the hashtags **#festoolme** or **#festool100** on Instagram.







# Done and dusted.

# A long-term project comes to an end (for now).

t the end of the working day, shortly before sunset, Patrik Hansson walks around the property and looks at his day's work with satisfaction. But it is far more than just the day's work that fills him with pride. The hard work on the extensions to the house, the terrace and the playhouse has been completed for the time being. The lake house has been transformed by Patrik's tireless efforts. It has grown. And he with it. He will come back, no doubt. Until then, however, Patrik Hansson has many other projects that he will tackle with the same enthusiasm and expertise.

Discover more stories about extraordinary craftspeople and their projects on our blog page:

» festool.co.uk/blog/work



#### **KREATIVA SNICKARE**

Patrik Hansson completed his apprenticeship as a timber construction specialist under Roger Hedlund and his company Hantverksbyggarna. In 2010, he set up his own business and founded Kreativa Snickare in Färingsö. He is primarily active in the greater Stockholm area and, as a proven specialist in the timber trade, has also carried out cross-discipline projects.

"With the cordless plunge-cut saw, I can work flexibly and precisely – anytime and anywhere."



← The TSC 55 K and the guide rail enable the timber panels on the façades to be cut to length with high precision in a single pass.

The TSC 55 cordless plunge-cut saw in the 100 years limited-edition Systainer<sup>3</sup> with a 100 years cap.

#### CORDLESS PLUNGE-CUT SAW WITH KICKBACKSTOP

- Mobile and independent. The TSC 55 K cordless plunge-cut saw is as powerful as a mains-operated machine, but completely untethered.
- > **Powerful and durable.** The tried-and-tested dual battery system [2 x 18 V] combined with the brushless EC-TEC motor delivers maximum power and a longer service life.
- > Even safer. The unique KickbackStop function reduces the risk of injury caused by kickback during sawing or plunge-cutting into the workpiece.





You can find these and other 100 years limited editions here.

# **FUTURE TALENTS**

Worried about the future of the skilled trades? You shouldn't be. Just look at the EuroSkills and WorldSkills shows. This is where up-and-coming talents show off their skills. Supported by Festool.

Text: Melissa Berger

Photography: WorldSkills International

# Painters on the winners' podium.

or almost one hundred years, we at Festool have been supporting professionals within their trade. With the same passion, we are also supporting the next generation of experts - since 2002 this has included the best of the best in the world. At WorldSkills 2024 in Lyon, France, some 1400 participants from 70 countries and regions competed in 59 professions. As always, it was the result of an intensive period of preparation, during which everyone put in hundreds of hours of overtime alongside their actual jobs. This was true for the painter Wilma Engelbrektsson, who competed for Sweden, as well as for Lena Prinz, who scored 737 points after a magnificent competition and won silver for Austria. Only three tiny points ahead of her and at the top of the podium was Xiaofei Zhang from China.

country of Denmark.









□ Going for gold with a steady hand: Chinese painter Xiaofei Zhang.

 $\leftarrow$  Wilma Engelbrektsson competed for Sweden in the painters' category.

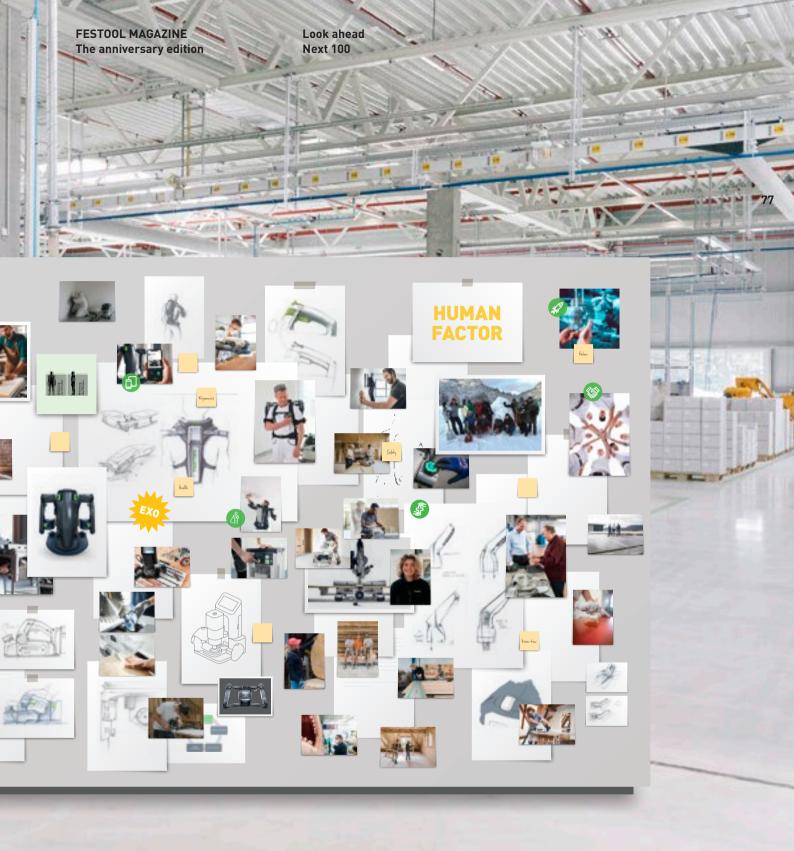


t the WorldSkills in Lyon, the demands on the joiners and cabinetmakers were once again extremely high and the competition days were full of adrenalin. Frenchman Paul Dejeux was particularly pleased to win the silver medal in the "Cabinetmaking" category on his home turf. After a close neck-and-neck race in the "Joinery" category, Brit Harry Scolding shared second place with Felix Wilhelm from Germany. The next EuroSkills competition will take place from 9th to 13th September 2025 in Herning, Denmark. The young joiner Lukas Sørensen is already looking forward to it: "I can hardly wait for it to finally start – it's bound to get wild here with a Danish audience."

You can find out more about these and other young talents in our blog. » festool.co.uk/blog







What does the future of trade look like? How are Festool tools contributing to this? Your future is our future. We have an eye on both.

#### Tools for the future

# Tools and solutions that inspire.

ioneering products are not created in a vacuum. They are the result of many years of experience and a lot of passion, yes, but they also require a great deal of expertise that has to prove itself in everyday life. This is essential in the development of innovative tools for the professional trade. The best solutions are created in close dialogue with the customers for whom we develop our products. This has recently resulted in the groundbreaking CSC SYS cordless table saw, the ExoActive active exoskeleton and the SYS AIR air purifier. These products are pioneering in the truest sense of the word – not only because they set technological standards, but also because they make work easier for tradespeople in every respect.

It is extremely important for us to experience and learn about our customers' work, problems and changes firsthand. This applies to new products as well as to the further development of existing tools or accessories. Matthias Kübeler, Head of Technology and Innovation at Festool, explains: "The early involvement of our customers in our product developments is a key success factor for us. This allows us to test our ideas in the form of prototypes at an early stage and obtain direct customer feedback. This ensures that the product solutions are perfectly tailored to customer needs."

#### New developments and technologies

Battery technology, 3D printing, laser processing or plasma surface treatment – new developments and results are emerging in ever shorter cycles in these areas. "The use of artificial intelligence or innovative sensor and camera technologies also opens up completely new possibilities," explains Christian Nagel, Innovation Manager Digital & Smart Solutions. "For us, it is crucial to use these technologies in such a way that they support people at work in a meaningful way." They will not replace humans with all their creative and technical skills. This will not change in the future, adds Festool training consultant Frank Jaksch: "Our customers are always at the centre of everything we do. We want to make it even easier for them to achieve outstanding work results – including with the help of the latest technologies. This will remain our main driving force in the future."



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#### The future of craftsmanship

# Actively shaping trends and future topics.

he trades have changed significantly over the past decades. And will continue to do so. Recognising trends and actively driving forward future-oriented technologies in the professional trade is clearly one of our strengths. Two core areas of expertise help us to achieve this: Time and time again, we have impressively demonstrated that we are able to think one step ahead like almost no other tool manufacturer. And we listen very closely to the needs of our customers. "When we look at trends and future topics, it's all about creating real benefits for tradespeople by making their daily work easier, safer and more productive, "emphasises Sascha Menges, CEO of Festool GmbH.

"When we look at trends and future topics, it's all about creating real benefits for the day-to-day work of tradespeople."

Sascha Menges, CEO of Festool GmbH

Many of our future projects deal with key technologies and their integration into power tools. The use of artificial intelligence, for example, is not an end in itself, but is only relevant for us if it actually supports tradespeople in their work. The same applies to advancing digitalisation, which has now not only found its way into operational processes, but also into our tools. "We are pursuing this path with vigour in order to actively shape the future of the trade with our innovative product solutions," says Sascha Menges.

#### **Next Generation**

## The future as a family business.

hat has made Festool the big and strong company it is? You and us: The closest family circle of our company founder, our employees and, of course, our customers, some of whom

"The fact that this community is characterised by great passion and incredible commitment is not something we take for granted – and it's particularly valuable with a view to the future," says Barbara Austel.

have been loyal to us for several generations.

A core idea that will continue to drive us in the future is that we at Festool want to do our work so well that you can enjoy our tools as much and for as long as possible. This is reflected in the quality and durability of our products, as well as in our desire to ensure that you can continue working for as long and as healthily as possible. That is why we will continue to be a pioneer in occupational health and safety in the future and develop innovative systems that make your work easier in every respect.

Festool has been constantly evolving for a century, driven by our ambition to meet your expectations and fulfil the high demands of trade work. That's why the 100th anniversary is a very special occasion for Barbara Austel to look ahead with optimism: "We already have lots of ideas and plans for the future. And in our family, too, the fourth generation is raring to go. So I can say with great anticipation and gratitude: Welcome to the next 100 years!"



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- \* Warranty all-inclusive is valid for all Festool tools registered within 100 days of purchase. The Festool service terms and conditions shall apply and are available at:
- \*\* The offer for "full repair, free of charge" does not apply for damage to consumable materials and accessories, improper use, damage caused by the use of non-original accessories or spare parts, and in the event that tools are dismantled or continuously subjected to use resulting in extensive wear.

# Welcome to the next 100 years!



# 100 years of Festool. Congratulations!

### **FESTOOL**

