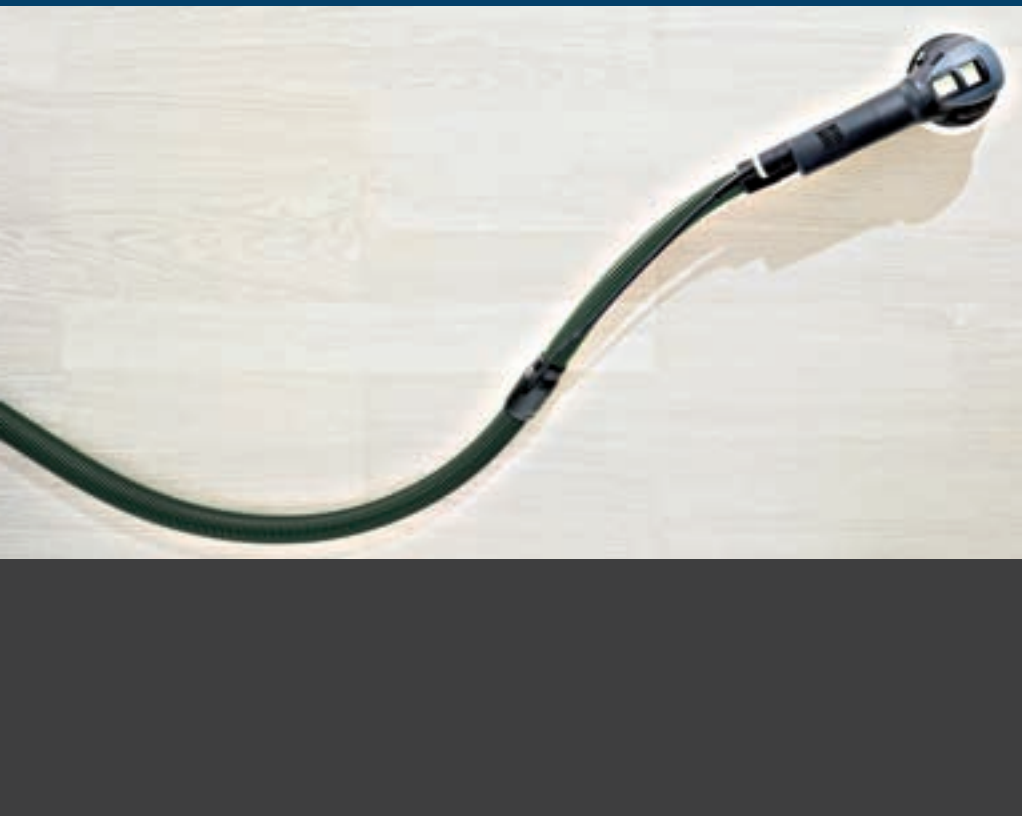


Sanding and polishing.
The Festool system for carpenters.



FESTOOL
Tools for the toughest demands





For perfect results: Electric power tools from Festool

Coarse sanding, renovating

Solid wood | 6

Large surfaces | 8

Stairs and tight corners | 10

Banisters and handrails | 12

Fine sanding, regenerating

Oiling furniture | 14

Processing high-gloss surfaces | 16

Processing mineral materials | 20

Processing acrylic glass | 22

Electric power tool overview | 30

Your daily work is a minefield of challenges.

Fine, if you can meet them with confidence and precision.



Renovate and inject flair.



Regenerate and refresh.

**FESTOOL**

Your ultimate objective is to be proud of your work, but the requirements are demanding. As a result, Festool has developed a range of appropriate tools and perfectly adapted accessories for every task so that you can achieve perfect results in any application, from sanding and polishing wood to processing a wide range of other materials. Festool offers a single system for overcoming any challenge with minimum effort.

Sanding solid wood





The Festool solution

The powerful ROTEX RO 150 FEQ geared eccentric sander can sand roughly sawn or planed beams quickly and effortlessly. A combination of eccentric and orbital motion guarantees aggressive material removal during coarse sanding. The classic eccentric motion then produces an extra-fine sanding finish and a scratch-free surface during fine sanding.

Abrasives with a long useful life

Rubin abrasive is extremely hard-wearing, has a long useful life and is therefore ideal for sanding wood. We recommend using Rubin for this particular task because the special filling material between the grits prevents the abrasive from becoming prematurely clogged with wood fibres and wood dust.



Rapid abrasive changes

The StickFix system allows you to change the abrasive quickly and efficiently. The fastener loops on the abrasive are adapted perfectly to the burr on the pad and the sanding disc rests firmly in place yet is easy to change.

Festool **thinks ahead.**

A system where the requirements – from A to Z – for every task are thought out in advance. The FastFix tool-less pad changing system and the Jetstream principle for reduced dust accumulation, heat and clogging of fastener and abrasive were also developed in addition to the StickFix system to make your work easier and more efficient.

FESTOOL



Geared eccentric sander ROTEX RO 150



Mobile dust extractor CLEANTEX CTM 26



Rubin abrasive

Sanding large surfaces





The Festool solution

The BS 75 belt sander is perfect for sanding large surface areas in a lengthwise direction. The machine achieves perfect results by sanding along the grain. The flat area frame allows you to set the machine down smoothly onto the workpiece while it is running and guide the machine safely over the surface, avoiding time-consuming re-work. The belt speed is infinitely adjustable and can therefore be adapted to the relevant material.



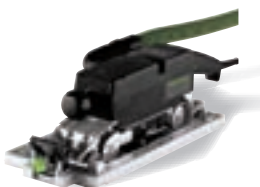
Edge sanding, no tilting

The flat area frame lays the foundation for superior working results: the belt sander rests securely on the surface, does not tilt and is easy to guide, producing an even, clean sanding finish.

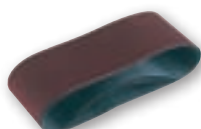
Festool works **with a system.**

Ein perfektes Ergebnis hängt von kleinen, aber entscheidenden Details ab. Deshalb denkt Festool immer im System und entwickelt Zubehör, das abgestimmt auf Maschine und Anwendung das perfekte Ergebnis sichert. Wie den Flächenschleifrahmen, der das Verkanten des Bandschleifers verhindert. Alles für komfortables und wirtschaftliches Arbeiten!

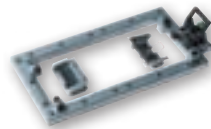
FESTOOL



Belt sander
BS 75



Rubin sanding belt



Flat area frame



Mobile dust extractor
CLEANTEX CTM 36

Sanding into the tightest of corners





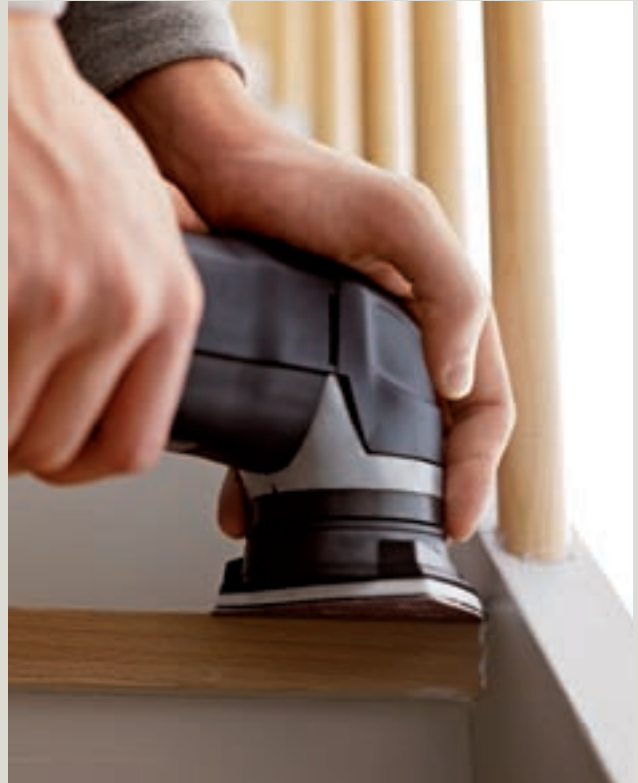
The Festool solution

The ROTEX RO 125 geared eccentric sander is designed for sanding off smaller surfaces such as steps with maximum efficiency. When the ROTEX RO 125 is set to coarse sanding, the material removal rate is about three times greater than that of a normal eccentric sander and the low weight of the machine guarantees non-tiring work, even in awkward spots.

The DELTEX DX 93 triangular sander is designed for reaching into the tightest of corners. Durable MPE plastic guarantees a perfect surface finish and extends the useful life of the sanding pad.

Triple-use triangular abrasive

The sanding pad and the tips of the delta abrasive can be used three times simply by rotating the pad. The consumable material is fully utilised, saving you money!



Festool guarantees **durability**.

Many Festool electric power tools have already been in use for 30 years or even longer. Their robust design prevents them from wearing out quickly, which means they perform just as well as the day they were purchased, resulting in fewer repair costs and shorter downtimes. And because Festool tools are so durable, we also offer a 7-year spare part guarantee.

FESTOOL



Geared eccentric sander ROTEX RO 125



Triangular sander DELTEX DX 93



Mobile dust extractor CLEANTEX CTM 26



Saphir triangular abrasive

Sanding profiles





The Festool solution

The sanding movement of the DUPLEX LS 130 linear sander replicates the motion employed in manual sanding and produces a perfect sanding finish without leaving scratches. Banisters and handrails, balusters or other profiled workpieces are sanded quickly and precisely using the right sanding pad. The FastFix system also guarantees quick sanding pads changes without requiring tools: simply press down at the back of the sanding pad and lift up the front.

Like sanding by hand

A suitable sanding pad can be selected from our assortment of eleven standard pads. Alternatively, you can use the DIY kit to manufacture a sanding pad perfectly adapted to the relevant profile. Combine the pad with the linear sander to achieve a perfect sanding movement that replicates the movement employed in manual sanding. Only much quicker!



Festool develops tools for **practical applications.**

New Festool products are developed in practical applications and tested in real-life situations. For the trades, this results in custom made solutions that never fail to surprise in demanding applications. Take the practical DIY kit as an example. You can manufacture an individual sanding pad in only a few minutes to make your work so much easier.

FESTOOL



Linear sander DUPLEX
LS 130



Mobile dust extractor
CLEANTEX CTM 26



DIY kit

Processing natural wooden surfaces





The Festool solution

After the preliminary polishing of wood, the ETS 150/3 eccentric sander is fitted with a backing pad for natural surface treatment with oil. The green special cloth is perfect for applying the first oil coating to the surface. Brilliant 2 abrasive is recommended for intermediate sanding steps because the dense grit coating produces an even surface finish.

Work all subsequent oil coatings into the surface using the white, non-abrasive polishing cloth until the surface reaches the desired quality.

Safety tip

Store oily cloths, foam pads, cloth discs etc. in an airtight metal container or wash. Do not lay out to dry on combustible materials or throw in the waste bin as they pose a risk of self-combustion.



Special cloths for economical consumption

The green special cloth smooths the surface, removes protruding fibres and in many cases even eliminates the need for intermediate sanding. The white special cloth reduces oil consumption by absorbing and distributing any excess oil evenly over the surface. Both cloths are densely woven and therefore extremely absorbent. The grit of the cloths is perfectly adapted to treat natural surfaces.

Festool has the **environment in mind.**

An ecological approach is growing in popularity. This also applies to living with wood. As always, Festool keeps up with the times: our new special cloths were developed specially for oiling and waxing wooden surfaces – the green cloth for working in the oil and the white cloth for removing protrusions and polishing. A customised system for perfect results.

FESTOOL



Eccentric sander
ETS 150/3



Polishing pads



Green and white
special cloths

Processing high-gloss surfaces





The Festool solution

The workpiece is clamped using the VAC SYS vacuum clamping system so that high-gloss surfaces can be processed from all sides and the material remains undamaged. The workpiece can then be sanded in a cross motion using the ETS 150/3 eccentric sander. Titan 2 has a special dust-repellant coating for improved resistance to clogging and a long useful life and is therefore the most suitable abrasive for this task because it achieves an extremely even surface finish.

Use Platin 2 abrasive for subsequent polishing and clean the surface using the microfibre cloth.



Processed from all sides

The specially shaped pads on the VAC SYS vacuum clamping system clamp the workpiece securely and reliably, allowing you to work on it from all sides without reclamping. The pads are manufactured from soft, flexible plastic so that extremely sensitive surfaces are not damaged.



Festool means **ergonomics**.

Festool develops tools that enable professionals to work for long periods without tiring: machine weight, noise levels and vibrations are minimised and the centre of gravity is perfectly balanced. And workpieces clamped in the VAC SYS vacuum clamping system can be processed from all sides without reclamping.

FESTOOL



Eccentric sander
ETS 150/3



Titan 2 abrasive



Microfibre cloth

Processing high-gloss surfaces





The Festool solution

The SHINEX rotary polisher buffs the workpiece to a high gloss finish. MPA 5000 polishes achieve a high gloss finish despite their highly abrasive nature. The structure of the sheepskin pad absorbs the polish efficiently and provides a cooling effect due to the good air circulation properties of the pad. Finish with the white foam polishing pad and polish with the fine black foam pad for outstanding gleaming results.



400 to 2100 rotations for a perfect shine

The power of the SHINEX can be adjusted according to your needs. The variable speed trigger enables you to start polishing slowly to prevent polish from spraying off and ensure you achieve the best possible results. The integral cooling element keeps the handle on the SHINEX cool so that you can work with greater comfort for longer.



Festool lends a perfect gloss finish.

High gloss surfaces look particularly elegant. Festool offers professional polishing tools with matching polishing accessories and consumable material – from polishing felt, sheepskin pads and a range of foam pads to different grades of water-based polish. Everything for a perfect finish.

FESTOOL



Rotary polisher
SHINEX RAP 150



Black and white foam
polishing pads



Sanding polish
MPA 5000

Sanding and polishing mineral materials





The Festool solution

Use the ROTEX R0 150 to fine sand surfaces without leaving traces that indicate the sanding direction. When coarse sanding, use hard sanding pads and Rubin abrasive to smooth down rough bonded seams and protruding material. Then change to the soft sanding pad using the tool-less FastFix system and sand with fine grain Brilliant 2 abrasive. A class M mobile dust extractor removes the generated dust at source.

When polishing, switch the ROTEX to the coarse sanding setting and polish the surface using the ROTEX rotary motion, polishing felt and MPA 8000 fine sanding polish. Reduced speeds keep the temperature low and prevent the polish from spraying off.



Work economically with the ROTEX

The combination of the eccentric and gear-assisted orbital motion of the ROTEX ensures aggressive material removal during coarse sanding. The classic orbital motion produces scratch-free surfaces during fine sanding. MMC electronics with smooth start-up, overheating protection and stepless speed adjustment adapt the machine performance to the working material.

The ROTEX rotary motion lends surfaces a gleaming polished finish – simply set the rocker switch to coarse sanding.

Festool gives you **three in one**.

One tool for three applications: coarse sanding, fine sanding and even polishing. The ROTEX saves you a great deal of time because you do not need to change tools – you simply switch to another setting. And you save a great deal on investment costs.



3in1



Geared eccentric sander ROTEX R0 150



Mobile dust extractor CLEANTEX CTM 26



Platin abrasive



Microfibre cloth

Processing acrylic glass edges





The Festool solution

The ROTEX RO 125 and the hard sanding pad with resistant edge are perfect for sanding roughly sawn, milky white cutting edges in acrylic glass without heating the surface. Then replace the sanding pad with the backing pad and polish using Festool polishing felt. Backing pads are more hard-wearing than foam pads and are therefore suitable for sanding the edges of mineral materials and acrylic glass, but can still be used for polishing tasks.



Efficient extraction of minute dust particles

When working on acrylic glass, immediate extraction of even the smallest particles is very important. Festool class L mobile dust extractors remove up to 99 percent of dust generated and dust class M models as much as 99.9 percent. Always work with a filter bag.



Festool takes care of your **health**.

Day after day, you are exposed to materials and dust that are hazardous to your health. Festool has therefore taken measures to minimise the impact of harmful dust on users by developing efficient extraction systems with automatic electronic switch-on/shut-off function that start up automatically when the sander is switched on and keep the air free of hazardous dust.

FESTOOL



Geared eccentric sander ROTEX RO 125



Mobile dust extractor CLEANTEX CTM 26



Polish MPA

You should be proud of the finished product.
Festool will help you achieve your objectives.





FESTOOL

It's great when you achieve exactly the results you imagined.
And even better when you can complete every stage of the process with
utmost confidence using tools, accessories and consumable materials
from Festool that prepare you for the challenges that lie ahead – how-
ever difficult they may be.

Turn to the next page or visit www.festool.com for an overview of all
machines, accessories and consumable materials

A complete overview of **all machines for sanding and polishing** and their main application areas.



Geared RUTSCHER



Direct-drive RUTSCHER



Geared eccentric sander

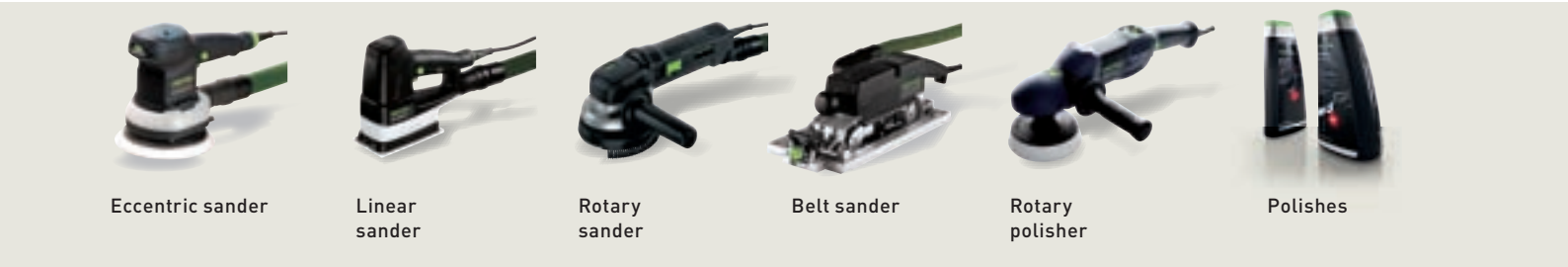
This table will assist you in choosing the right sander - simply select which applications are most frequently encountered in practice and identify the most suitable tool.

RS 100
RS 100 C
DELTEX DX 93

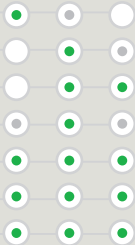
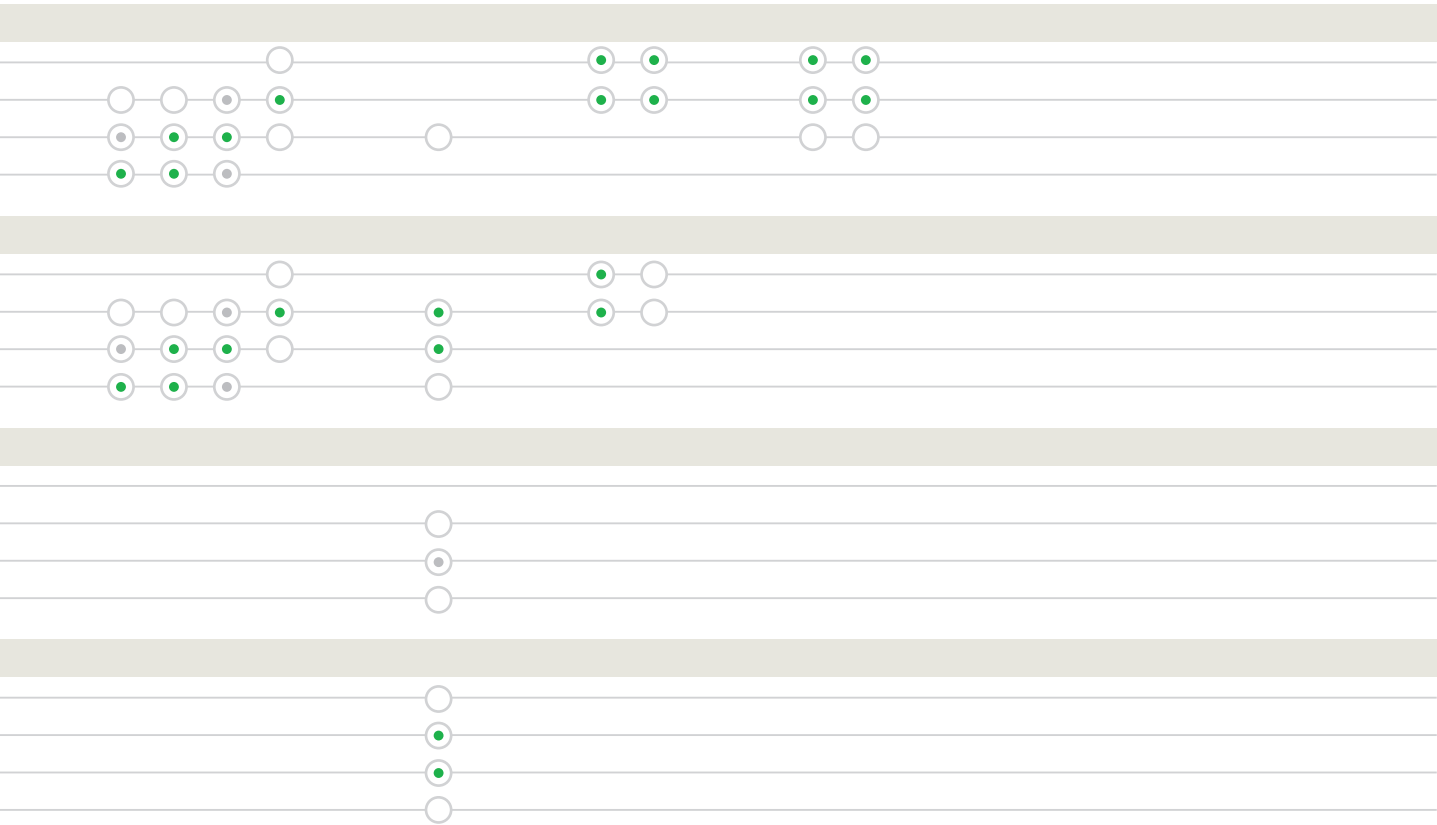
RTS 400
DTS 400
RS 300
RS 200

ROTEX R0 125
ROTEX R0 150

Surfaces	Material removal capacity	Surface quality							
Coarse sanding									
Preliminary sanding									
Fine sanding									
Extra-fine sanding									
Curves									
Coarse sanding									
Preliminary sanding									
Fine sanding									
Extra-fine sanding									
Corners									
Coarse sanding									
Preliminary sanding									
Fine sanding									
Extra-fine sanding									
Profiles									
Coarse sanding									
Preliminary sanding									
Fine sanding									
Extra-fine sanding									
Polishing									
Small surfaces									
Medium-sized surfaces									
Large surfaces									
Sensitive surfaces									
Mineral materials									
Polishing to a high gloss finish									
Sealing surfaces									



ETS 125 ETS 150/3 ETS 150/5 WTS 150/7	DUPLEX LS 130	RAS 115 RAS 180	BS 75 BS 105	RAP 80 SHINEX RAP 150 POLLUX 180 E	POLISH MPA
--	---------------	--------------------	-----------------	--	------------



MPA 6000
MPA 10000, MPA 10800, MPA 11000
MPA-V, MPA 9000

FESTOOL

Tools for the toughest demands

TTS Tooltechnic Systems AG & Co. KG

Wertstraße 20
73240 Wendlingen

represented by:

TTS Tooltechnic Systems GB Ltd

Saxham Business Park
Saxham
Bury St Edmunds
Suffolk
IP28 6RX
GREAT BRITAIN
Phone: +44 (0) 1284 760791
Fax: +44 (0) 1284 702156
E-mail: info@festool.co.uk

Tooltechnic Systems (AUST) Pty Ltd

63-65 Quantum Close
Dandenong South VIC 3175
Postal address: PO Box 4401
Dandenong South VIC 3164
Phone: 1800 063 900
Fax: 03 9799 9766
Service Hotline: 1800 063 900
E-mail: festool@festool.com.au

Head Office South Africa

TTS Tooltechnic Systems (Pty) Ltd

22-26 Electron Avenue
Isando 1600
Phone 0027-11-570-28 80
Fax 0027-11-392-56 25
E-mail: marketing@festool.co.za



Three-year warranty – that means three years of security
Visit www.festool.com for more information



Official supplier to the Ericsson Racing Team for the Volvo Ocean Race 2008/2009.
Visit www.festool.net/ericssonracingteam for more information

www.festool.com

Dealer

Festool

Order no. 60398



All rights reserved. Products may differ from those pictured. Prepared for TTS Tooltechnic Systems AG & Co. KG, 73240 Wendlingen, 04/2009

Sanding, painting and polishing.
The Festool system for painters.

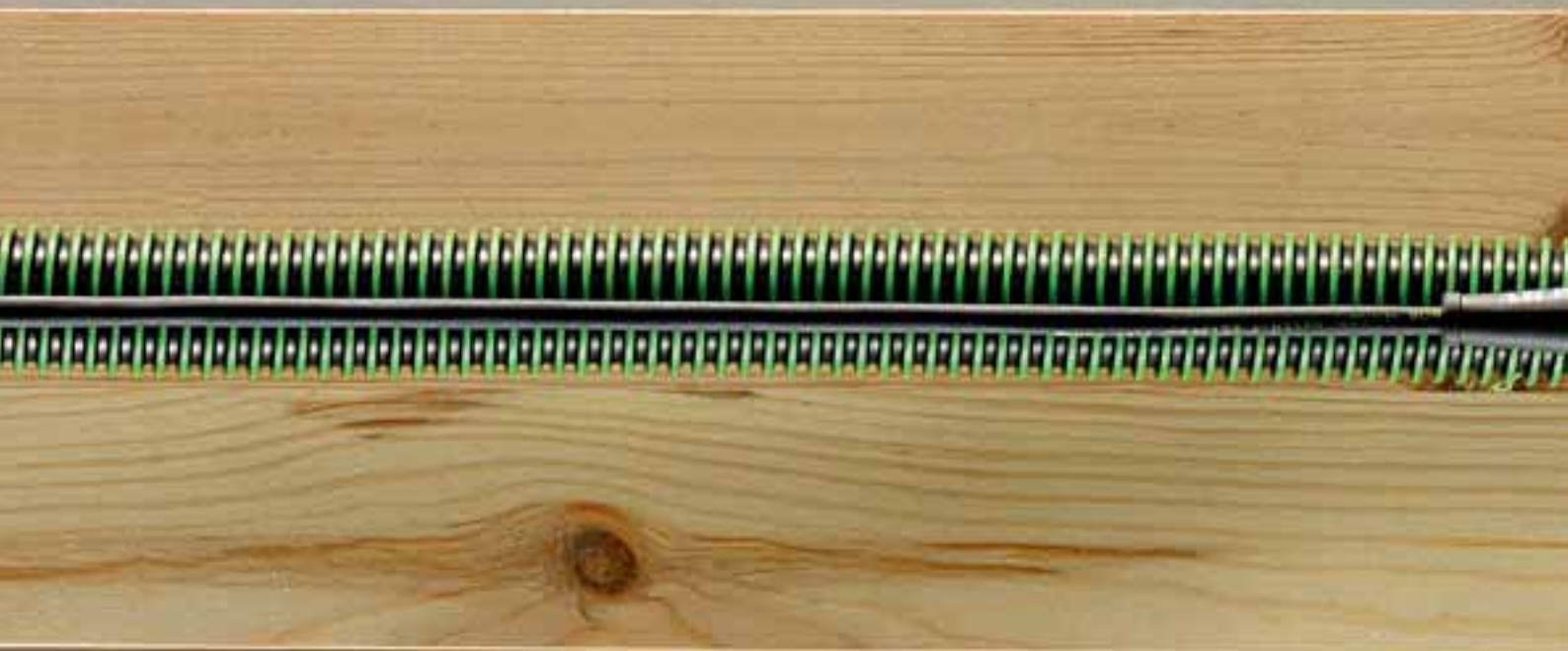


FESTOOL
Tools for the toughest demands



For perfect results:
electric power tools from Festool.

Working with Festool	4
Exterior painting work	10
Interior painting work	18
The Festool system	28
Overview of abrasives	30
Mobile dust extractors	32
Electric power tool overview	34





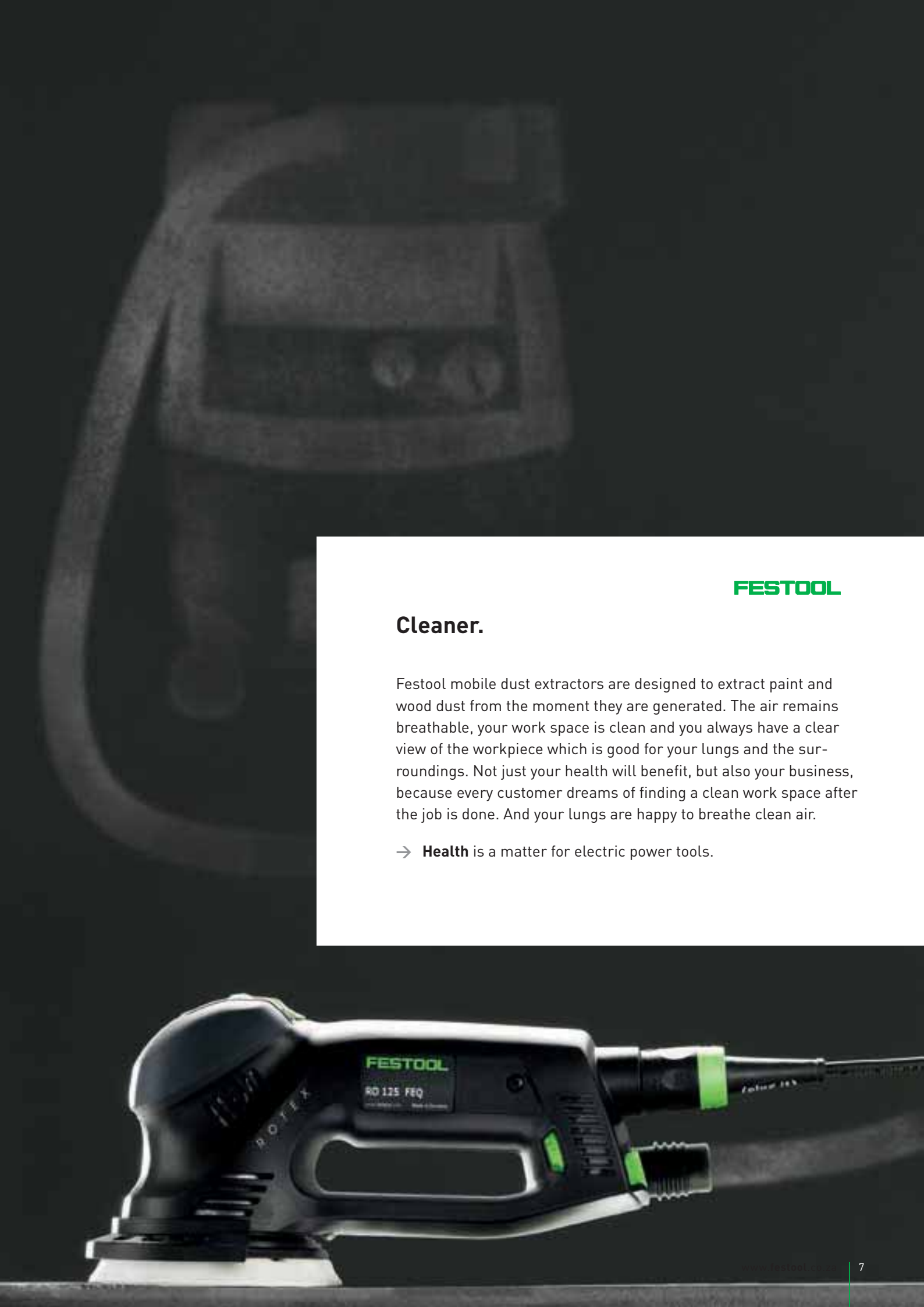
FESTOOL

Faster.

The fact that our machines are fast and generate more power than an individual would using manual tools is beyond question. In your quest to achieve perfect results, Festool accompanies you every step of the way not only by providing the right machine for every application but also offering abrasives adapted to every type of surface. As a result, users avoid unnecessary rework and increase their working speed and efficiency.

→ **Saving time** is a matter for electric power tools.





FESTOOL

Cleaner.

Festool mobile dust extractors are designed to extract paint and wood dust from the moment they are generated. The air remains breathable, your work space is clean and you always have a clear view of the workpiece which is good for your lungs and the surroundings. Not just your health will benefit, but also your business, because every customer dreams of finding a clean work space after the job is done. And your lungs are happy to breathe clean air.

→ **Health** is a matter for electric power tools.





The Festool logo is displayed in a bold, green, sans-serif font.

Better.

A perfectly prepared surface is the objective. Festool provides you with a complete system to achieve that objective: machines, accessories and consumable materials that are all fully compatible with one another. Only a system of compatible tools and accessories will guarantee perfect results.

→ **Quality** is a matter for electric power tools.



Exterior painting work.



Wooden windows

Metal railings



Shutters

1 | Refurbishing wooden windows



The problem: flaking paintwork

The powerful ROTEX RO 125 FEQ geared eccentric sander combined with a suitable abrasive can sand weathered wooden windows quickly and efficiently in preparation for the undercoat.



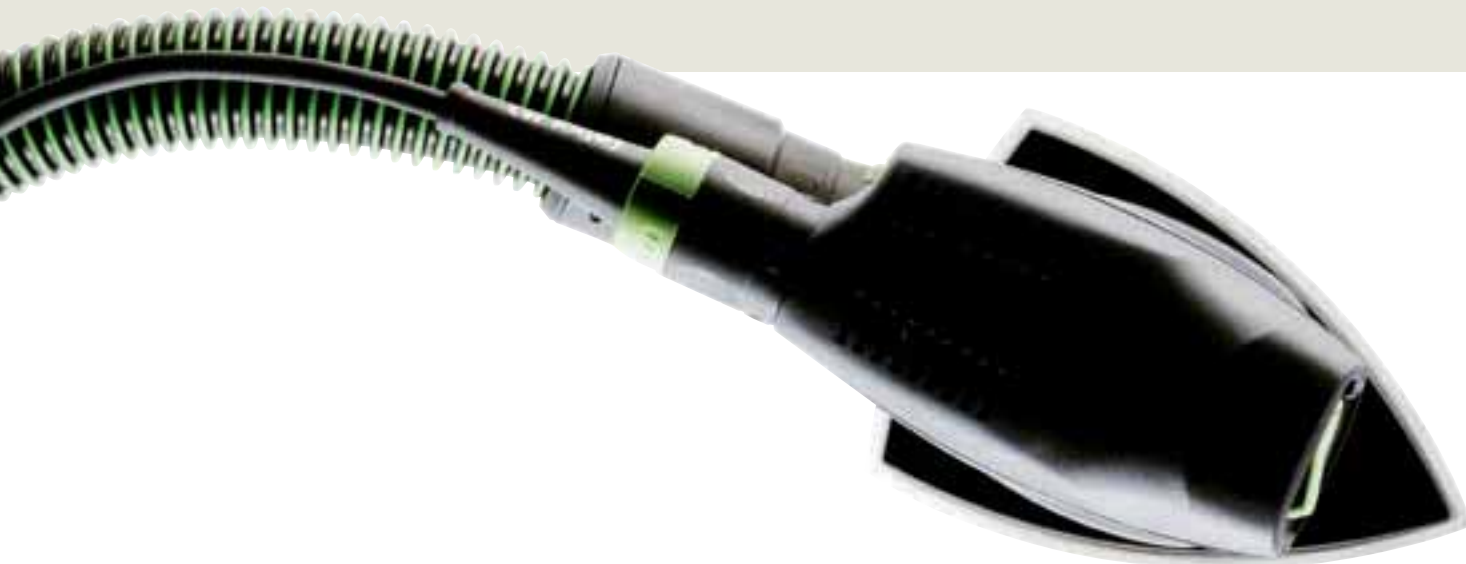
Step 1

A rapid operating speed and P40-80 abrasive make quick work of old flaking paint. The DTS 400 delta sander is perfect for corners and angles.



Step 2

Sand using fine abrasive with P120-220 grit depending on the amount of filler applied to the wood. It is important that the transitions between the wood and the old paint are sanded cleanly.





The result

The window frame is prepared perfectly for a new undercoat. If the abrasive clogs too quickly, reduce the speed or use a finer abrasive. When applying a series of coats, use cloth S800 for brief intermediate sanding of the painted surfaces.

The Festool abrasive range from page 30.



Festool thinks ahead.

A system where the requirements – from A to Z – for every task are thought out in advance. This philosophy has given rise to the development of the FastFix tool-less pad changing system and the Jetstream principle for reduced dust accumulation, heat and clogging of fastener and abrasive, to name but two. With a single objective in mind: to work more quickly, easily and economically.



The following products were used: geared eccentric sander ROTEX RO 125 FEQ, delta sander DTS 400, Brilliant 2/Cristal/Saphir abrasive with P40-80 grit, Brilliant 2 P120 and cloth S800.

Alternative machines



Linear sander
DUPLEX LS 130

Rotary sander
RAS 115

FESTOOL

2 | Refurbishing metal railings



The problem: rusty metal

The efficient RAS 115 rotary sander removes rust, scale and thick layers of paint or varnish quickly without leaving you with extensive rework.



Step 1

Adjust the speed of the RAS 115 to a high setting and attach a coarse abrasive with P24–80 grit. The temperature-resistant Saphir would be suitable for this application. The rotary motion of the sander removes the material quickly and with little effort.



Step 2

Then sand the railing using a finer abrasive with P100–220 grit or cloth A120/A280. The efficient dust extractor removes the fine metal dust at the point of origin.





The result

All the rusted areas and depressions on the railing are removed. The railing is sanded down to the bare metal and prepared for a new undercoat of corrosion protection.

Visit www.festool.co.za for more tips on sanding round profiles

Festool guarantees durability.

Many Festool electric power tools have already been in use for 30 years or even longer. This is because of their robust design that prevents them from wearing out quickly, which means lower repair costs, shorter downtimes that save you time and money from day one. And because Festool tools are so durable, we also offer a 7-year spare part guarantee.

The following products were used: rotary sander RAS 115, mobile dust extractor CTL MIDI, Saphir P24-80 and Brilliant 2 P100-220 abrasives as well as cloth A120/A280.

Alternative machines



Linear sander DUPLEX
LS 130



Eccentric sander
ETS 125 EQ



Geared eccentric sander
ROTEX RO 125



FESTOOL

3 | Refurbishing old shutters



The problem: weathered slats

The ROTEX RO 125 FEQ fitted with a louver pad is perfect for sanding off old shutters. The perfect combination for effortless sanding in narrow spaces in preparation for the next coat.



Step 1

The ROTEX is set up for coarse sanding with a P40-80 abrasive and removes the cracked paint between the slats. Working at lower speeds produces better results.



Step 2

Set up the ROTEX for fine sanding and select a fine abrasive with P100-220 grit. The triangular sander DELTEX DX 93 with lamella sanding pad is perfect for reaching right into the corners and along edges.





The result

The paint between the slats is sanded off cleanly and the shutter is ready for painting.

On shutters with an intact varnish coat, a light sanding cloth A120-S800 can be used to avoid sanding through the varnished surface.

The following products were used: geared eccentric sander ROTEX R0 125 FEQ, triangular sander DELTEX DX 93, Saphir/Cristal/Brilliant 2 abrasive with P40-80 grit and Brilliant 2 P100-220, cloth A120-S800 and mobile dust extractor CTL MIDI.

Alternative machines

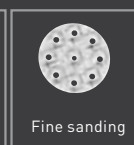


RUTSCHER RS 300

Festool gives you three in one.

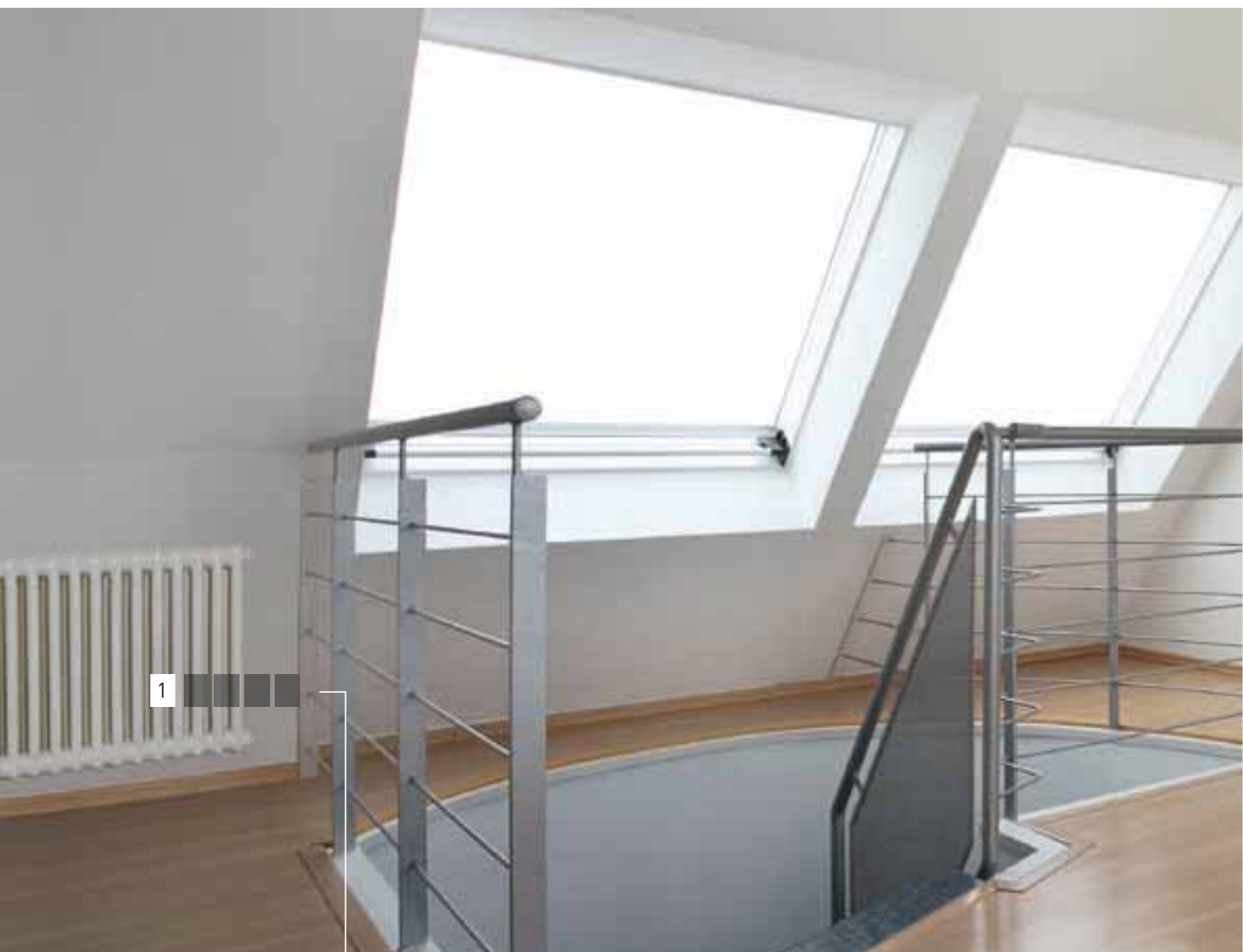
One tool for three applications: coarse sanding, fine sanding and polishing if necessary. The ROTEX saves you a great deal of time when working because you do not need to change tools – you simply switch to another setting. In addition, three in one also means low initial expenditures. Which pay off!

3in1



FESTOOL

Interior painting work.



Radiators



2 ■ ■ ■ ■ ■
3 ■ ■ ■ ■ ■

4 ■ ■ ■ ■ ■

Walls and ceilings

Wooden doors

1 | Refurbishing radiators



The problem: damaged radiators

Radiator renovation involves a great deal of laborious, time-consuming sanding work, but the DUPLEX LS 130 with linear sanding motion makes the job so much easier.



Step 1

First of all, manufacture a sanding pad that fits perfectly over the heating elements using the DIY pad kit. Then attach the pad with P40-80 abrasive to the DUPLEX and sand paint drips or flaking paint from the heating ribs. Festool offers ready-made curved profile sanding pads in different standard diameters.



Step 2

Use a fine grain P100-220 abrasive to sand flaking layers or for fine sanding. Valuable time and effort is saved here as well because the sanding pad fits the profile of the radiator perfectly.





The result

Fiddly manual work is significantly reduced so you can prepare the radiator for a new undercoat in no time at all. You save even more time with every additional radiator that you renovate.

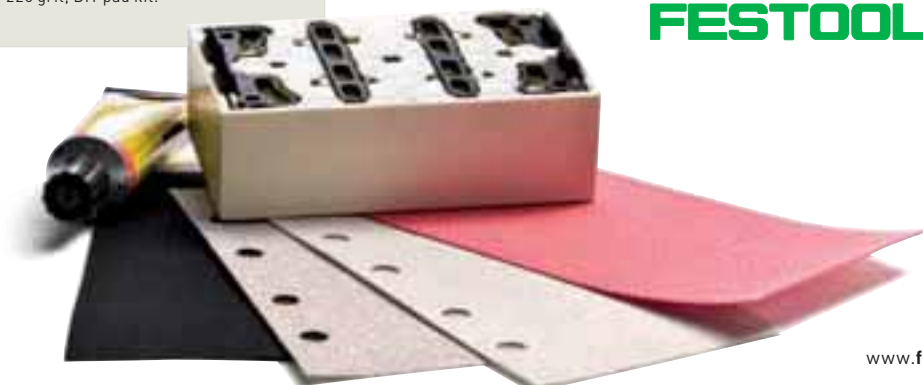
The Festool system from page 28.



Festool develops tools for practical applications.

New developments at Festool have their origin in practical applications, and are tested in real-life situations. For the trades, this results in custom made solutions that never fail to surprise in demanding applications. Such as the DIY profile sanding pad kit for the perfectly fitting sanding pad – it takes only seconds to attach but simplifies work enormously!

The following products were used: DUPLEX linear sander LS 130, Cristal/Brilliant 2 abrasive with P40-80 and P100-220 grit, DIY pad kit.



FESTOOL

2 | Preparing walls and ceilings



The problem: high ceilings, large surfaces

The solution here is the PLANEX LHS 225 long-reach sander, which can be adapted to match the height of the ceiling. The PLANEX has a sanding pad with a large diameter for quick, efficient sanding of large surface areas.



Step 1

Use an abrasive with P120 or P150-220 grit, adjust the speed range to 4-6 and set the PLANEX to internal extraction. The suction created by the PLANEX SRM 45 E mobile dust extractor causes the head of the PLANEX to adhere to the ceiling slightly, ensuring effortless machine guidance.



Step 2

Select the abrasive grit in line with the working step. If you are hanging heavy wallpaper as opposed to directly applying an emulsion coat, for example, a coarser grit can be used.



The result

The surface is prepared perfectly from top to bottom ready for the next step. The work space is free of paint and filler dust because a mobile dust extractor was used during work.

Visit www.festool.co.za for more tips on working with the PLANEX

Festool means ergonomics.

Festool develops all types of tools for the professionals who use them everyday. All the tools are therefore designed for fast and non-tiring work. Like the PLANEX LHS 225, which is extra economical because it combines a long-reach and short-reach sander in one machine!

The following products were used: long-reach sander PLANEX LHS 225, mobile dust extractor PLANEX SRM 45 E, Cristal P120 abrasive (P150–220 with smaller amounts of filler), Brilliant 2 up to P320 (finer grit mainly for spray filler).



FESTOOL

3 | Polishing emulsion-based filler products



The problem: unsatisfactory gloss finish

Producing a high gloss finish on filled areas is easy with the ROTEX RO 150 FEQ. The machine achieves a finish that would be almost impossible to achieve manually.



Step 1

Apply finishing polish to the filled area, adjust the speed of the ROTEX to setting 1 and fine sand the surface using an extra-soft sanding pad and S4000 abrasive without applying pressure.



Step 2

Allow the surface to dry and clean with a microfibre cloth. Guide the ROTEX with new coarse sanding disc S4000 rapidly over the surface to prevent from overheating until the machine achieves the desired gloss finish. Start with speed range 1 and increase to 4-6.





The result

The sander lends the decorative emulsion-based filler product an outstanding gloss finish within a very short time and with little effort.

Visit www.festool.co.za for alternative methods of polishing filler products

Festool is **always one idea ahead of the rest.**

Special applications require special solutions, which give rise to trend-setting developments that make work quicker, easier and more accurate. One example is the extensive range of abrasives, which offer the right solution for every application and sander. Not forgetting the FAKIR wallpaper perforator, which boasts a completely new working principle.

The following products were used: geared eccentric sander ROTEX RO 150 FEQ, Platin S4000 abrasive, finishing polish MPA-F, microfibre cloth.

FESTOOL

4 | Refurbishing wooden doors



The problem: sanding large surfaces

The eccentric sander ETS 150/5 saves you just as much time and money renovating large surfaces as renovating old doors. A CT mobile dust extractor removes almost 100% of the wood and paint dust generated.



Step 1

Sand the paint lightly with an ETS 150/5. Use the sander in combination with a hard pad and P36-80 abrasive for maximum material removal.



Step 2

Replace the hard pad with a soft pad. The advantages of the "smearing" motion of an eccentric sander combined with P100-320 abrasive are obvious.



The result

Within a short period of time and without generating a great deal of dust, the surfaces of the doors are prepared perfectly for undercoating. The displaced sanding motion does not leave behind rings or sanding grooves.

Visit www.festool.co.za for other application examples such as sanding profiled surfaces or curved panelling

Festool cares about your **health**.

Day after day, painters are exposed to materials that are hazardous to their health. This is why Festool is doing everything that it can to minimise exposure by developing efficient extraction systems that keep the air free of hazardous dust. No matter if it is wood, plaster, filler or mineral dust. Your health will thank us!

The following products were used: eccentric sander ETS 150/5, CT mobile dust extractor, Saphir/Cristal/Brilliant 2 abrasive with P36-80 grit, Brilliant 2 P100-320.

Alternative machines



Geared eccentric sander ROTEX R0 150



FESTOOL

How is a perfect surface obtained? The best way is to use a system.

Festool works with a system. A system where the requirements – from A to Z – for every task are thought out in advance. This system includes powerful tools, useful accessories for further optimising tool utilisation and consumables developed specifically for the tools. And because working professionally also means working in a tidy environment, there is an individual matching transport Systainer for every tool as well as universal mobile dust extractors for a dust-free, healthy environment. Such a system, precisely tailored to specific tasks, comes about from the idea that working should always get just a little bit better.



The sanding pad system

Sanding pads for every type of material are available in different degrees of rigidity, from extremely soft to hard. The FastFix system allows you to change pads in an instant without using tools while the Jetstream principle maximises the efficiency of the dust extraction system.

The abrasive system

Festool abrasives are optimised for every tool, pad and dust extractor. Individually designed for every application, from coarse to fine sanding. Festool abrasives have an extended useful life, guarantee rapid material removal and are fast and easy to change due to the StickFix adhesive cushion strips.



The extraction system

All components are compatible with one another: sander, filter system, suction hose with or without integrated power cable, accessories for cleaning tasks and, of course, the mobile dust extractor itself. Ensuring perfect results and keeping the air free of dust.



The storage system

The SYSTAINER and SORTAINER are unique tool storage systems developed by Festool: the tools are well-protected, easy to transport and always stored tidily. Systainers can be stacked on top of one another as well as onto mobile dust extractors, which reduces the number of trips you have to make while making a good impression on your customers.



The tool selection

Festool has the right tools for painters: from a wide variety of sanders for every application and mobile dust extractors, portable cordless drills and carpet and wallpaper removers to a range of stirrers. Visit www.festool.co.za for more information

An overview of Festool abrasives

Convincing in practice, not just in theory.

The Festool system is designed for total compatibility, right down to the finest detail. The more compatible the abrasive is with the tool, the easier and more efficient you will be able to work. The results are accurate and the surfaces prepared perfectly for the next working step – after coarse sanding, intermediate sanding or fine sanding.



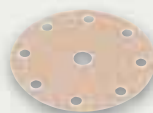
Saphir



P24-120

- Coatings + old paint
- For hard surfaces
- Coarse preliminary sanding
- For machines that generate high temperatures

Cristal



P40-120

- Paint + varnish
- Filler
- Coarse, rapid preliminary sanding

Rubin



P24-180

- Wood
- Preliminary and intermediate sanding

Brilliant 2



P40-400

- Paint + varnish
- Preliminary, intermediate and final sanding

Titan 2



P80-500, P800-F3000

- Repair compound
- Filler
- Paint
- Preliminary, intermediate and final sanding

Even sanding finish

The homogenous grain sizes comply with FEPA standards and an even grit coating produces the perfect sanding finish.

Extended useful life

An extremely strong bond between the abrasive grain and the support material, an efficient extraction system and the patented Jetstream principle for greater resistance to clogging ensure an extended useful life.



Rapid changes – secure adhesion

The StickFix system ensures better adhesion of the abrasive to the sanding pad. The fastener loops are adapted perfectly to the burr on the pad and the sanding disc does not shift yet is easy to change.



Flexible abrasive selection

You can select paper, cotton or foam support material depending on your requirements.



Vlies



A120, A280, S800

- Light sanding
- Roughing
- Cleaning + degreasing
- Matt finishing
- Wood
- Paint + varnish
- Metals
- Plastics

Platin 2



S400 - S4000

- Finishing work on
- Mineral materials
 - High-gloss paints
 - Plastics
 - Filler products

Diamant



P500-P3000

- Finishing work on hard surfaces such as
- Hard mineral materials
 - GRP composites
 - Stainless steel and non-ferrous metals



Festool mobile dust extractors:

Guaranteed to keep your working environment clean.

Perfect results mean a perfectly clean work space. Festool mobile dust extractors remove sanding dust at the point of origin so that the user always has a free view of the workpiece and can achieve better working results. Our dust extractors will leave your customers with a good overall impression rather than a dusty environment and protect your health: Festool class L mobile dust extractors remove up to 99 percent of dust generated and dust class M models as much as 99.9 percent.



	CTL MINI/MIDI	CTL 26-55	CTL 36/44 LE	CTM 26-55	CTM 36/44 LE	SRM 45 E-PLANEX
Special equipment features						
Appliance socket with automatic electronic switch-on/shut-off	●	●	●	●	●	●
Compressed air automatic electronic switch-on/shut-off			●		●	
FlowDetect flow monitor				●	●	●
Approval for hazardous dusts from dust category	L	L	L	L + M	L + M	L + M
Typical applications						
Fine dust with a value lower than the general dust limit of 3 mg/m ³	●	●	●	●	●	●
Mineral material dust containing aluminium hydroxide	●	●	●	●	●	●
Graphite dust	●	●	●	●	●	●
Paint dust	●	●	●	●	●	●
Wood dust	●	●	●	●	●	●
Plaster dust				●	●	●



Safety

Mobile dust extractors from Festool provide maximum safety at your workplace thanks to features such as a flow volume control and shut-off delay and clever details like a cord holder, handle and hose garage.



Economic efficiency

An extended service life, constant suction power and maximum utilisation of the filter bag capacity are just some of the impressive features of Festool mobile dust extractors. For efficient, economical working progress.



Festool thinks in terms of systems

With its two production series, three special extractors, and a total of 17 models, as well as its comprehensive and perfectly matched line of accessories, Festool dust extraction systems offer you the right solution for all your requirements.



A complete overview of **machines for the painting sector** and their main application areas.



Geared eccentric
sander



Eccentric sander

This table will assist you in choosing the right sander - simply select which applications are most frequently encountered in practice and identify the proper tool.

RTS 400	
DTS 400	
RS 300	
RS 200	
ROTEX RO 125	
ROTEX RO 150	
ETS 125	
ETS 150/3	
ETS 150/5	
WTS 150/7	

	Material removal capacity	Surface quality
Surfaces		
Coarse sanding	[Progress bar]	[Progress bar] [Diagram]
Preliminary sanding	[Progress bar]	[Progress bar] [Diagram]
Fine sanding	[Progress bar]	[Progress bar] [Diagram]
Extra-fine sanding	[Progress bar]	[Progress bar] [Diagram]
Curves		
Coarse sanding	[Progress bar]	[Progress bar] [Diagram]
Preliminary sanding	[Progress bar]	[Progress bar] [Diagram]
Fine sanding	[Progress bar]	[Progress bar] [Diagram]
Extra-fine sanding	[Progress bar]	[Progress bar] [Diagram]
Corners		
Coarse sanding	[Progress bar]	[Progress bar] [Diagram]
Preliminary sanding	[Progress bar]	[Progress bar] [Diagram]
Fine sanding	[Progress bar]	[Progress bar] [Diagram]
Extra-fine sanding	[Progress bar]	[Progress bar] [Diagram]
Profiles		
Coarse sanding	[Progress bar]	[Progress bar] [Diagram]
Preliminary sanding	[Progress bar]	[Progress bar] [Diagram]
Fine sanding	[Progress bar]	[Progress bar] [Diagram]
Extra-fine sanding	[Progress bar]	[Progress bar] [Diagram]

☐ Limited suitability ☒ Quite suitable ☒ Particularly suitable



Rotary sander



Linear sander



Long-reach sander



Wallpaper perforator



Cordless drill



Stirrer

RAS 115
RAS 180

DUPLEX LS 130

PLANEX

FAKIR TP 220

T12+3
T15+3

RW 1000



All Festool products are compatible with one another. From accessories to tools and efficient dust extraction. In this way, the mobile dust extractors from Festool are perfectly matched to the sanders and clean work is guaranteed.

Visit www.festool.co.za for a complete range of painting products



FESTOOL

Tools for the toughest demands

Head Office South Africa
TTS Tooltechnic Systems (Pty) Ltd
22-26 Electron Avenue
Isando 1600
Phone 0027-11-570-28 80
Fax 0027-11-392-56 25
E-mail: marketing@festool.co.za



Three-year warranty – that means three years of security
Visit www.festool.co.za for more information



Official supplier to the Ericsson Racing Team for the Volvo Ocean Race 2008/2009.
Visit www.festool.net/ericssonracingteam for more information

www.festool.co.za

Dealer

Festool

Over Edges, Curves and Surfaces.
The Festool Router Systems.

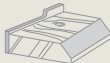
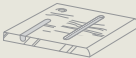


FESTOOL
Tools for the toughest demands

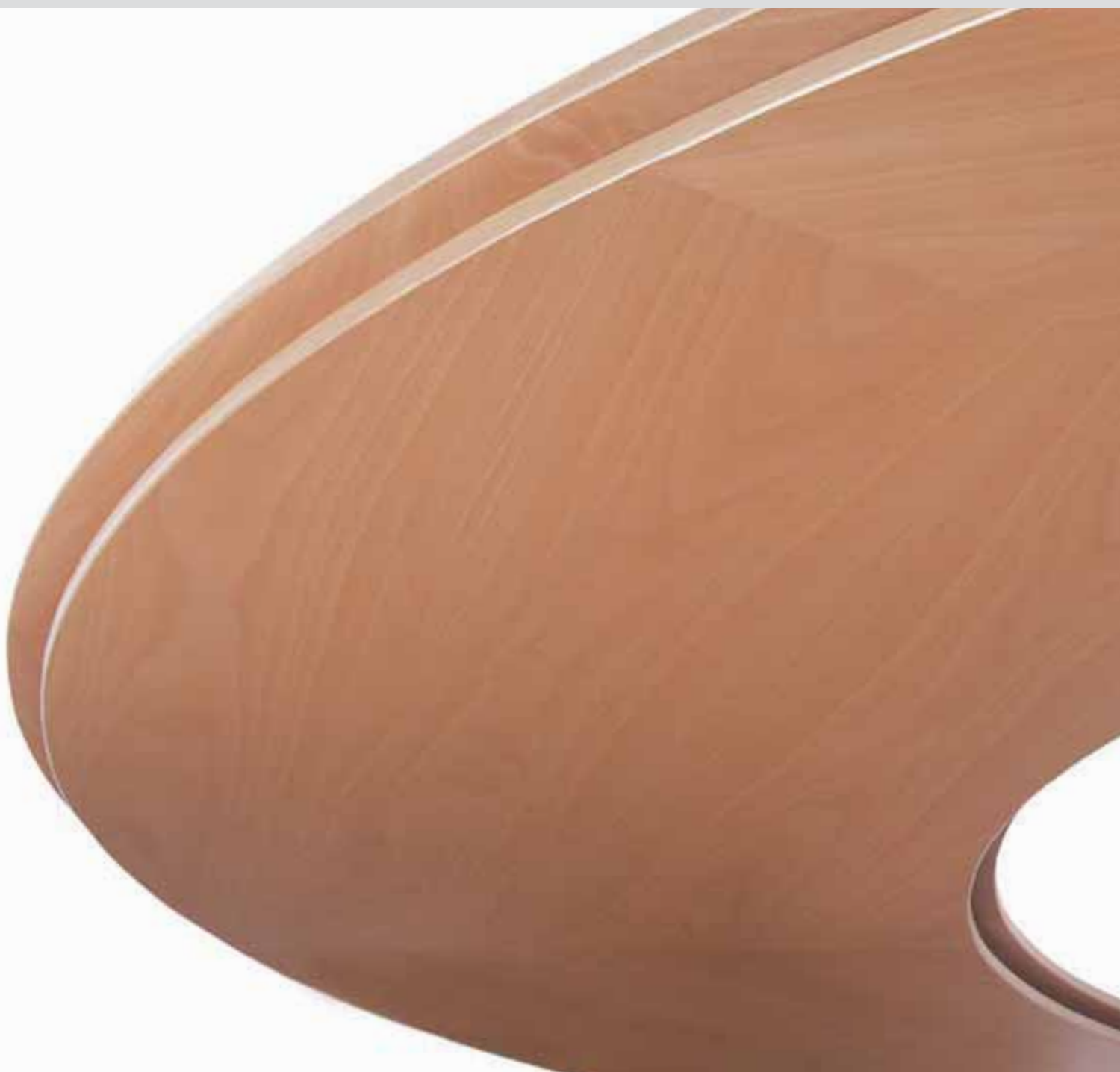


Because routers must fulfil many different requirements.

The next few pages deal with edges, forms, surfaces and normal wood joinery. Because the toughest demands on making high quality furniture must be fulfilled – without any compromises. For this reason, Festool offers not only a comprehensive router and edge router program but also the right accessories. From routers to multifunctional routing templates. These unique router systems will make your work easier. Day after day. Be inspired!

Routing forms		4
Routing edges		12
Routing surfaces		22
Perfect joining		28
Overview of router systems		34

Exciting curves.
Or how to shape work pieces perfectly.





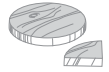
FESTOOL

Beautiful shapes are demanding and are time consuming to make. And it all starts with the construction of the proper template. It is nice when that can be avoided – by using the routing template from Festool. This template lets you cut precise radii and edges in a flash. In almost every size and shape.

Quickly make small radius cuts



Small radius cuts for bistro tables, loud speaker enclosures, glazed panels, and sinks can be made particularly precisely and easily by using the MFS routing template.



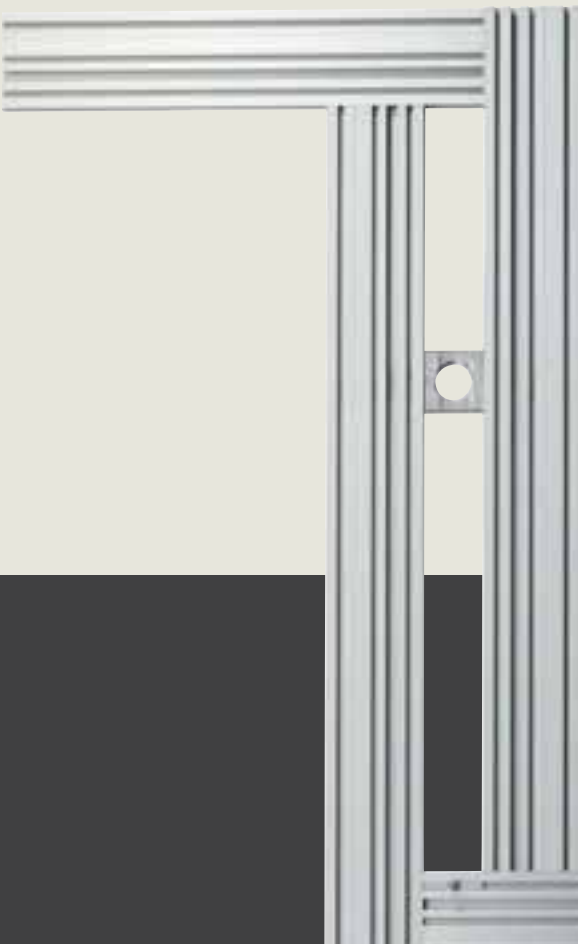
The Festool solution

A template is necessary for producing radius cuts with a router. Whether made in advance by yourself, which is costly, or in the form of the variable MFS routing template. By using the MFS routing template, you can get started very quickly with the actual work by simply installing the routing template on the radius and drilling a centring hole in the panel. The routing template with the centring pin need only be inserted in the hole and the router put into the copying ring holder - and precise radii are ready to be made.



Perfect arcs with the routing template

Whether you want an inner or outer radius - the arc is ready in minutes. Because the Festool router copying ring matches the holder precisely - and the router can be smoothly and easily positioned within the routing template - the radius is correct the very first time. The router can be rotated at any time, making work significantly easier. And because the routing template can be easily extended, even radii of up to 4 m can be produced.



Festool means **versatility**.

Accessories from Festool are a perfect complement to the router and make it extremely versatile. Just the routing template alone is perfectly suited to a large number of routing tasks. Such as making large and small radius cuts, or for rectangular and round cut-outs.

FESTOOL



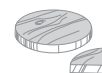
The panel for the bistro table was made using the OF 1400 router with a 30 mm copying ring, an MFS 700 routing template as well as a 12 D 16/45 mm groove cutter shank.

A product overview and order numbers are given starting on p. 34

Large radius cuts with millimetre precision



Whether they are formal dining tables or elegantly curved reception desks, large radius cuts can be made perfectly using the MFS routing template.



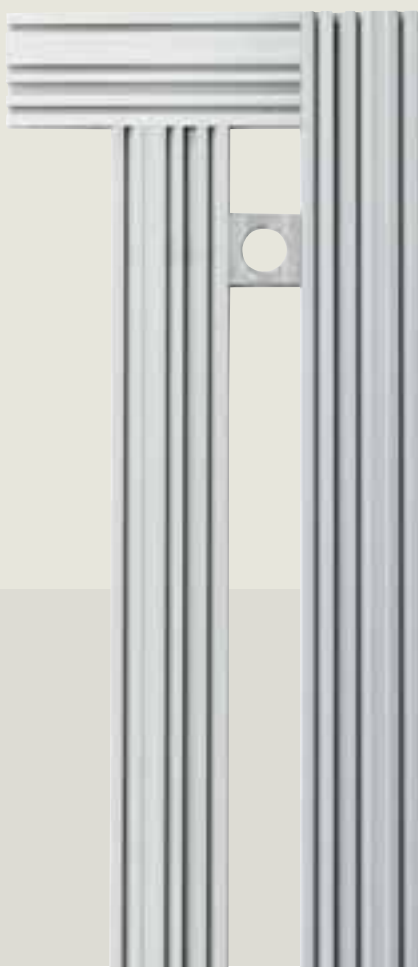
The Festool solution

You can also save yourself a lot of time consuming effort in making templates even for large radius cuts whose centre points are outside of the work pieces - just use the extension profile for the MFS routing template. The centring pin in attached to a suitable base outside the panel to be cut and the router, with a suitable bit, is put into the positioned copying ring holder. The desired result is accurate to the millimetre, even for very large radius cuts.



Cutting large arc segments

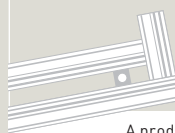
The hollow chamber profiles for extending the routing template are light and rigid. No wobbling, no warping, nothing moves around – the radius remains precisely the way it was set. Even if radii of several meters are to be made, and several profiles with joining pieces are linked together.



Festool means **precision.**

Precise results that are easier and faster – that is why Festool develops the perfect accessories. That is why there is no slipping with Festool routing templates and, even after numerous work steps, settings are reliably maintained – whether angles or clearances.

FESTOOL



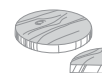
An OF 2200 router with a 30 mm copying ring was used for the table top, extended with the MFS 700 routing template, two 2 m extension profiles and a 12 D 16/45 mm groove cutter shank.

A product overview and order numbers are given starting on p. 34

Make cut-outs without tipping



For cut-outs for cooktops, sinks and ventilation gratings or for glazed panels, the MFS routing template with tilt protection guarantees reliable results.



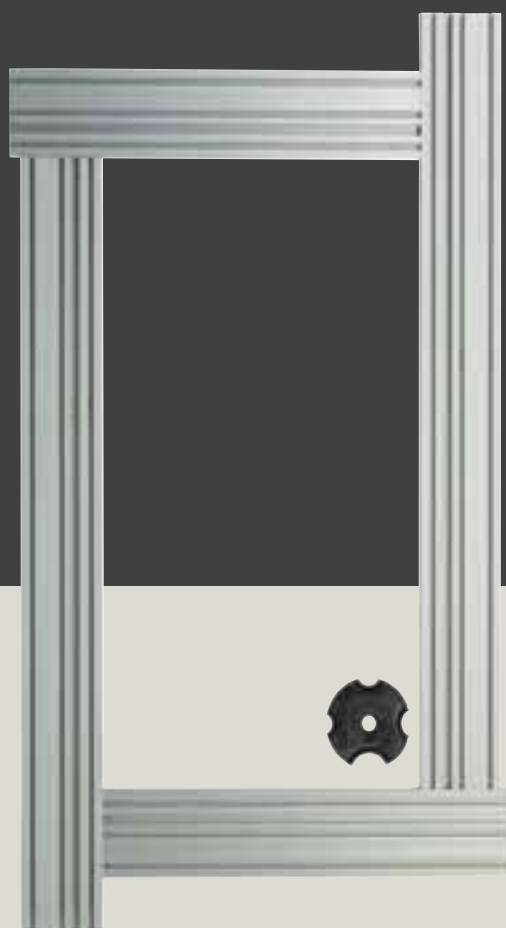
The Festool solution

Cut-outs must be precise. Even if grooves are cut in stages, such as for large panel thicknesses. The routing template provides the precision - it can be set to the proper dimensions, fastened down and then routing can take place in one or more exactly identical work steps. The form will match perfectly.



Tilt protection for large cut-outs

Secure placement of the router on straight paths and over edges - the tilt protection ensures that the router will not tip over when producing large cut-outs. With the copying ring inserted laterally, the tilt protection moves along in any direction. This guarantees precise results even for large cut-outs.



Festool stands for **reliability**.

Results often depend upon small but critical details. Details that Festool always keeps in mind when developing new tools and accessories. That's why we also have tilt protection - for secure placement and precise results.

FESTOOL



The cut-out for the hotplate was produced using an OF 2200 router, the MFS 700 routing template plus tilt protection and a 12 D 12/27 mm spiral groove cutter shank.

A product overview and order numbers are given starting on p. 34

Perfect edges and corners.

Or why there must not be any tipping if a good result is to be produced.





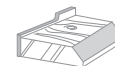
FESTOOL

Edges should always be produced perfectly. Whether they are round or angular. It is just for this purpose that Festool has developed the optimal accessory – for a stable base surface and sure guidance of the tool. This makes work tremendously easier and guarantees perfect results. Uniform, clean and free of splinters.

Routing edges without tipping over



To produce one edge after another, without flying chips and without tipping over. This is done without any problems because of the chip deflector and the wide router base runner.



The Festool solution

When routing edges, the placement of the router using a normal base runner is not ideal. It can tilt at any time and destroy the edge. By using the wide base runner from Festool, size of the placement area is increased and the secure guidance of the router guaranteed. With just a few motions and without any using tools, the normal base runner can be replaced by the wide base runner.



Precise edges without tipping

The advantages of the wide base runner become particularly clear when routing over edges - the easily guided and perfectly balanced router always remains secure and the edges are easily and optimally produced. And even when the direction is changed, the wide base runner ensures precise results. And the chips are extracted with the matching chip collector.



Festool guarantees **ergonomics**.

Festool power tools were developed for professionals. That is why they are also designed for fast, less tiring work - and because of their optimal weight distribution and the ergonomic construction, they fit perfectly in hand for every work step.

FESTOOL



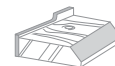
For edge routing, the following were used: an OF 2200 router, a wide base runner, a chip collector and two bits; a 12 D 66,6/28 mm chamfer cutter shank and a 12 D 39,5/23,5 mm rounding chamfer cutter shank.

A product overview and order numbers are given starting on p. 34

Trimming edges without errors



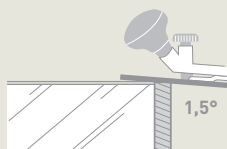
Routing marks on veneers cost time and money. For this reason, delicate materials require particular care when edges are trimmed. Or a 1.5° router table for the OFK 700 edge router.



Edge routing using the 1.5° router table

For trimming edge strips on veneered surfaces and edge protrusions, an edge router with a 1.5° router table is the ideal choice. Here, the bore of the table holder is tilted by 1.5°; the router is correspondingly tilted 1.5° at the edge. This hardly visible technical advantage reliably avoids any cutting of the surface.

The 1.5° table is standard equipment with the Festool OFK 700 edge router.



1.5° router table for veneered surfaces



0° router table for untreated surfaces



Right angles with the 0° router table

For work pieces that are veneered or coated, the edge strips must be cut precisely at right angles to the surface. For this purpose, the edge router can be equipped with a 0° router table by an exchange without using tools. Now the edge router will be stable and at a perfectly right angle.

For both routing tables, the chips are extracted from above via an extractor hood.

Festool means **innovation**.

Special tasks require innovative solutions. From these solutions, trend setting developments come about at Festool that make working faster, more precise and easier – such as the 1.5° router table for the Festool edge router.

FESTOOL

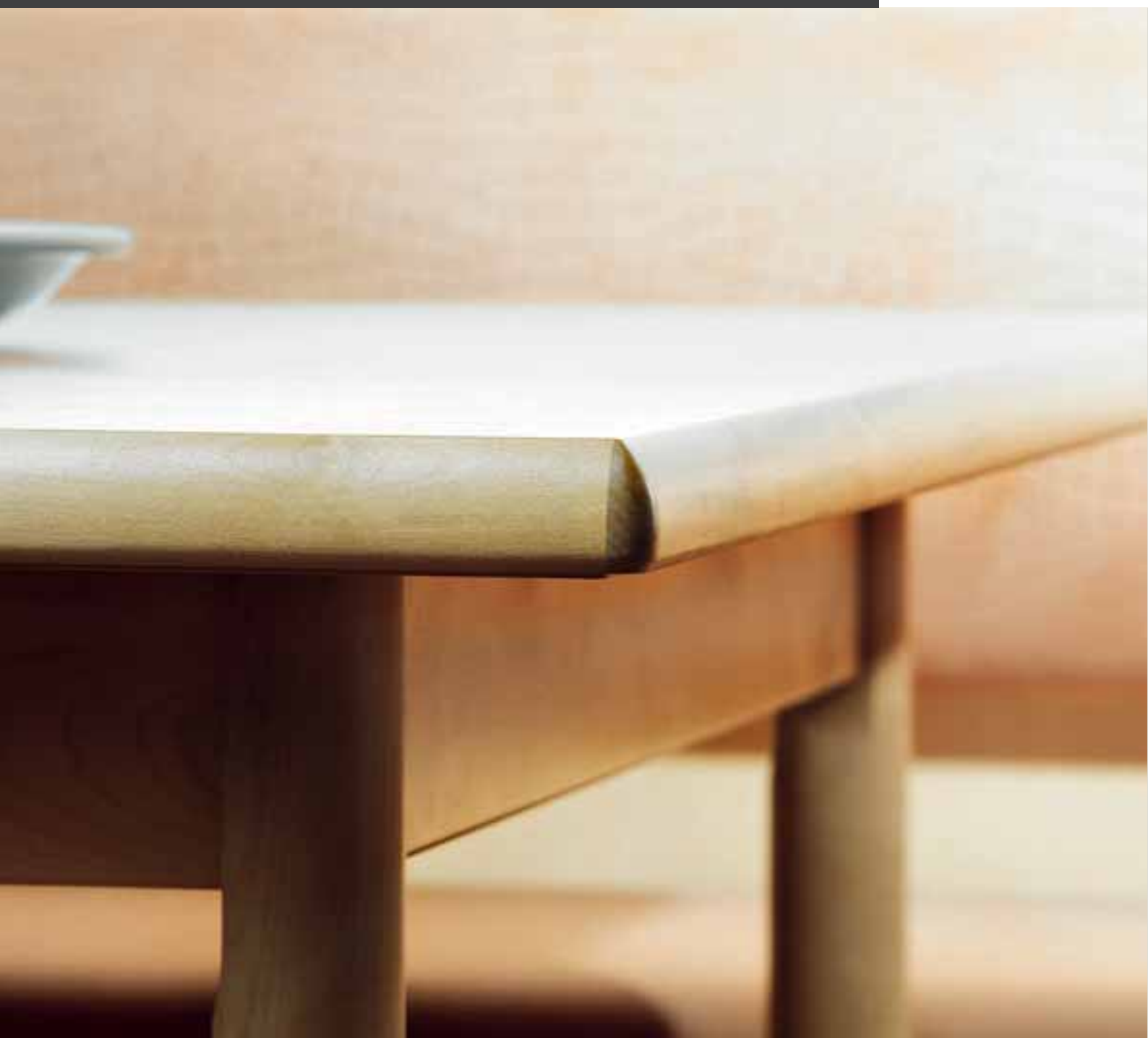


The cabinet of drawers was made using the OFK 700 edge router with a 1.5° router table and a D 19 mm cylindrical router bit.

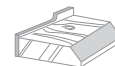
A product overview and order numbers are given starting on p. 34



Solid wood edge strips with large radii



Solid wood edges up to 28 mm wide can be quickly and reliably cut using a combination of a router and accessories for solid edge strips.



The Festool solution

Thanks to the edge strip accessories, solid wood edge strips up to 28 mm thick can be cut using the handy OF 1010 router. By using the fine settings, precision in 1/10 mm steps is possible. Installation of edge strip sets takes place with just a few hand motions, which is especially important for custom work.



Reliable edge work

The timesaving accessory for routing solid wood edge strips is the small and handy edge strip set. The large surface of the edging plate and the base runner of the router provide high stability and speed when routing. And the Resitex coating prevents scratching of the surface and edges.



Festool means **speed**.

Festool accessories make work easier and, above all, faster. Whereas other tools had to be used before, a handy router can now be used together with an edging set.

FESTOOL



For this dining table, an OF 1010 router, the Festool edge strip accessories and an 8 D 18/30 mm groove cutter shank were used.

A product overview and order numbers are given starting on p. 34

Routing door seals



By using the practical routing accessories, security fittings, grooves for automatic door seals, flush bolts and lock boxes can be made quickly and easily.



The Festool solution

Grooving doors is frequently suitable as a task for stationary routers. By using Festool router accessories along with the router, this type of work can be performed on site and is the equivalent of the work that is performed by stationary routers. And thanks to the dust extraction that can be integrated, the surroundings remain free of sawdust while the work is being performed.



Router accessories for narrow edges

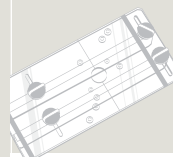
A router accessory made from acrylic glass is easily installed and set on an edge. The router does not tip over and is securely guided along the narrow edge of the door. Because of the clear view of the work piece, the router can be checked to ensure that it is always properly positioned on the edge. The door must only be securely fixed and the dust extractor connected to the router accessory.



Festool is investing in **your health.**

A clean workplace must provide a clear view of the work being carried out as well as clean air. By using the efficient dust extraction systems from Festool, the work environment remains free from chips and dust that can damage your health. And this also makes the customer happy during on site work.

FESTOOL

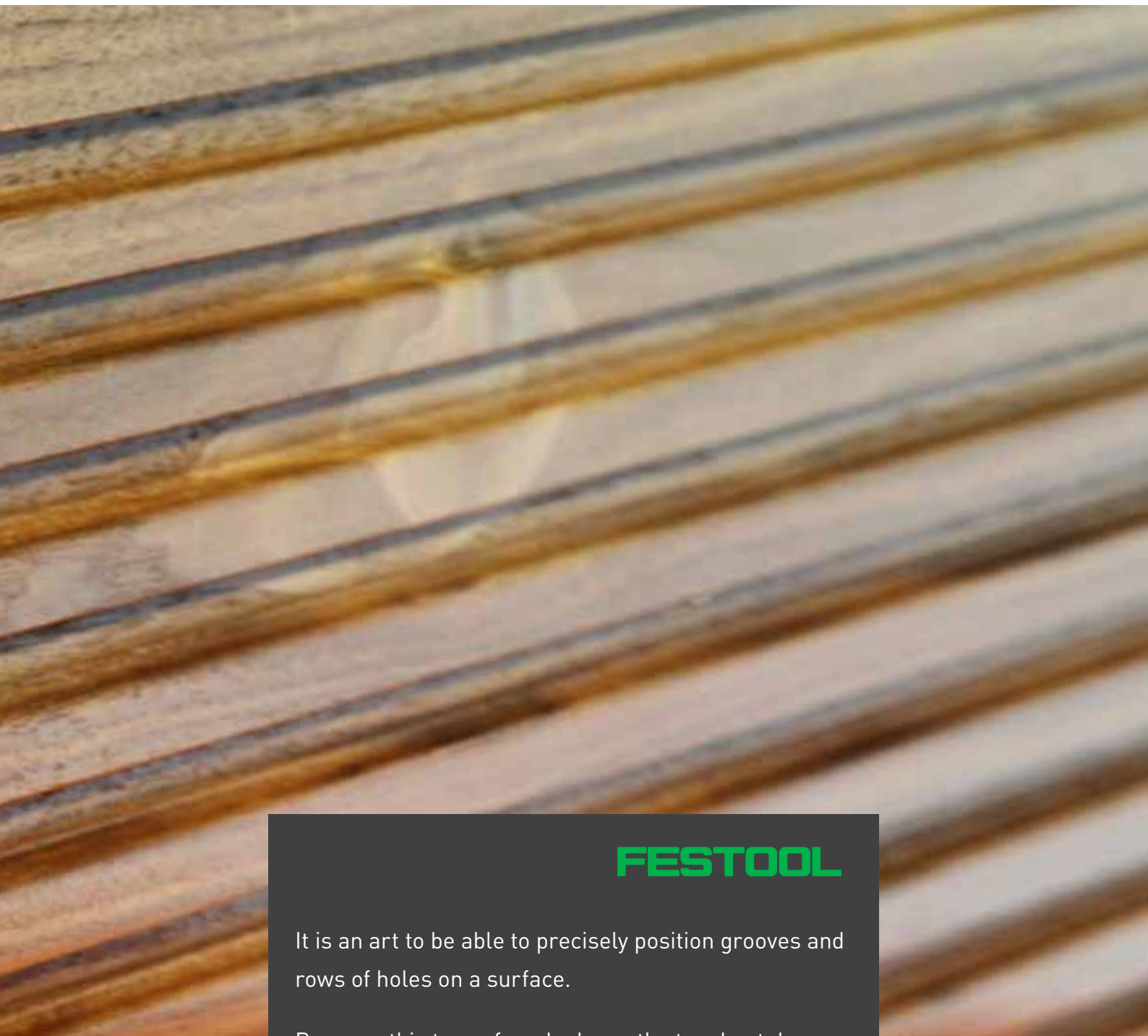


For cutting the acoustic and fire door seal grooves, an OF 2200, the router accessory and the groove cutter from Festool for the acoustic and fire door seals design were used.

A product overview and order numbers are given starting on p. 34

Surfaces with depressions.
Or why the router is always positioned at the right place.



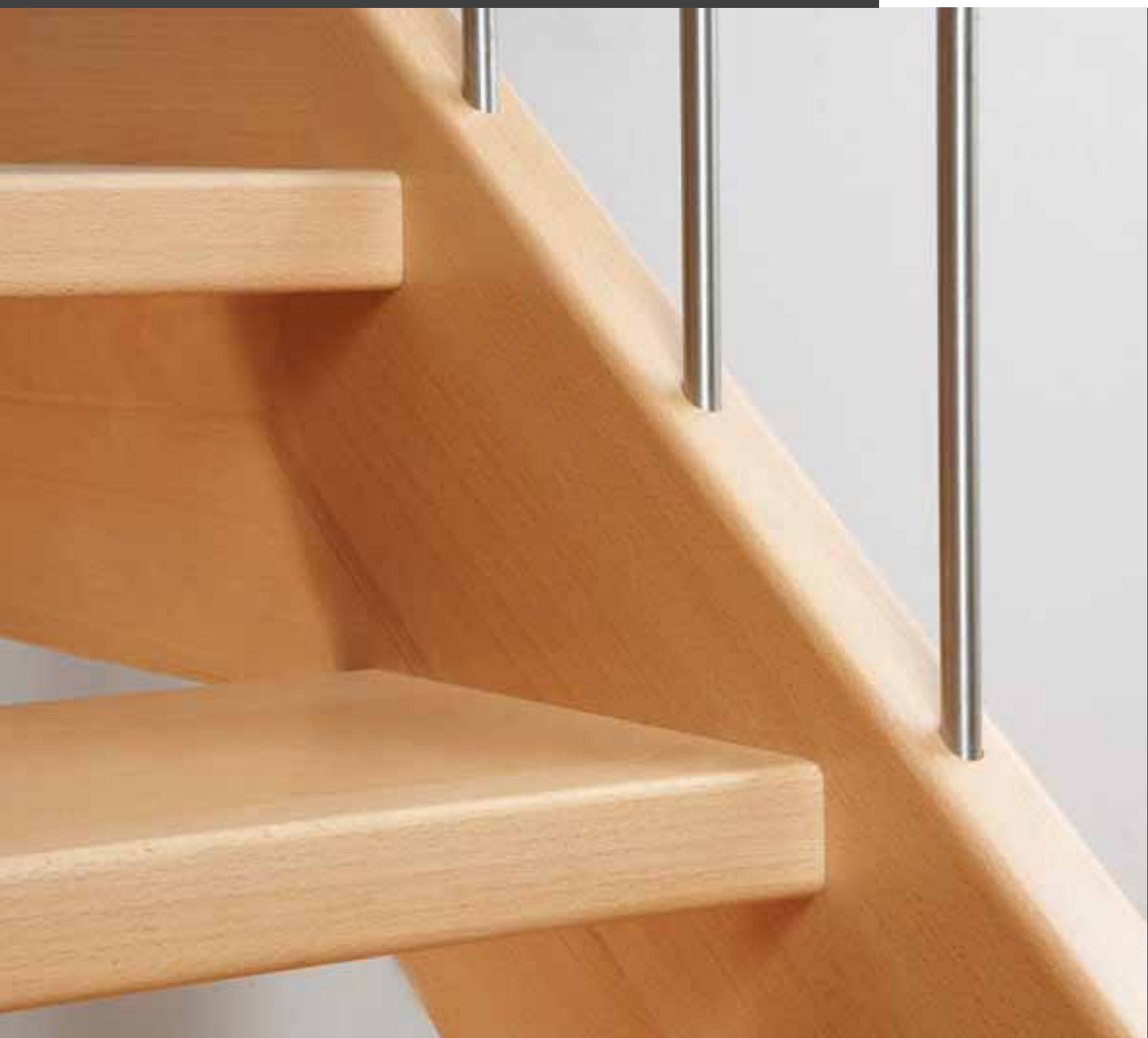


FESTOOL

It is an art to be able to precisely position grooves and rows of holes on a surface.

Because this type of work places the toughest demands on precision and workmanship skills. It is much easier just to use the right accessories. This makes the work easier. And the results are perfect.

Cutting stair stringers that fit perfectly



Many levels, a single slope angle - stair stringers can be made particularly quickly and precisely by using a router and the MFS routing template.



The Festool solution

When cutting stair stringers, the slope angle, step height, and step length usually have to be reset again and again. By using the routing template, work goes easier and more efficiently - once the pocket dimensions and the angle stops are set, the stair stringers can be cut in the surface without resetting.



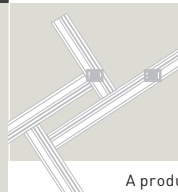
Fitting precisely and adjustable

The effort to set up the routing template is minimal because the included angle stop only has to be set once for the repeated laying on of the template on the stair stringers. By using the ruler on the MFS and securely fixing it on the work piece, the systematic and reliable routing of uniform slope angles, step heights and step lengths is made easier.

Festool works in terms of **systems**.

There is a perfect tool for every task. And for every tool, there are the perfect accessories – from the matching router bits to the versatile routing template, from the worktop template and the edging set all the way to perfect chip extraction. Because Festool always thinks in terms of systems.

FESTOOL



The following were used for the stair stringers: an OF 2200 router, an MFS 700 routing template, 2 angle stops, 2 one-hand lever clamps and a 12 D 12/27 mm groove cutter shank.

A product overview and order numbers are given starting on p. 34

Quickly and precisely cut rows of holes and grooves



By having rows of holes, cabinets and shelves can provide customers the freedom to carry out their design ideas for cabinets and shelves. The holes will be very precisely cut by using the guide rail from Festool for producing rows of holes.



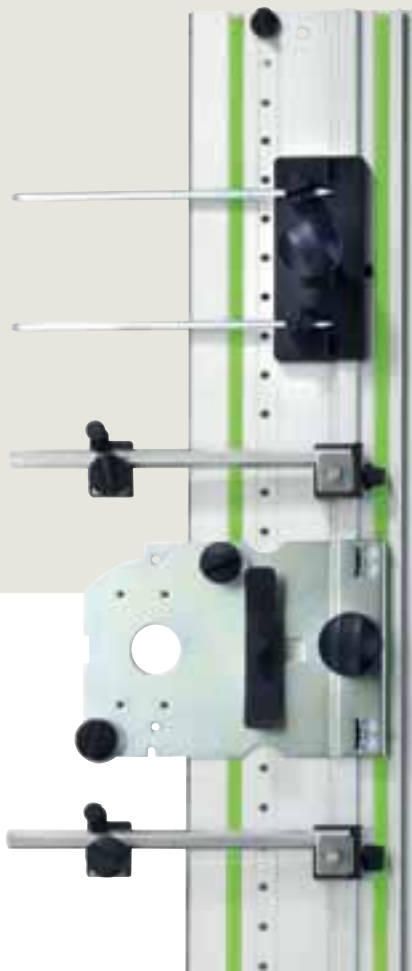
Precise rows of holes by using the guide rail

Rows of holes must be absolutely parallel and must be correctly set up in regards to clearances. There is a guide rail for cutting rows of holes to make this type of work not so time consuming. This guide rail has a row of holes on a 32 mm grid along which the router with the adapter for the row of holes is guided. Thanks to the clever seesaw method, the engaging bolt can be quickly cycled for the next hole. Rows of holes are very easy to copy in this way.



Precise routing on surfaces: the guide rail

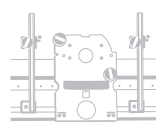
The guide rail is perfectly made for cutting back plane grooves in surfaces – with or without rows of holes. By using the guide rail adapter, the router can be guided parallel and precisely to the rail. Guide rails that differ in length can be linked to one another, put on the work piece and rigidly attached. In this way, grooves can be made exactly parallel or diagonal to the outer edge.



Festool increases flexibility.

The Festool FS guide system is made to be flexible. Rows of holes or grooves - cuts can be made precisely as well as duplicated as often as desired, even in surfaces. And because of the no-slip and protective foam rubber strips on the bottom of the aluminium guide rail, it is possible to use a router on any surface.

FESTOOL

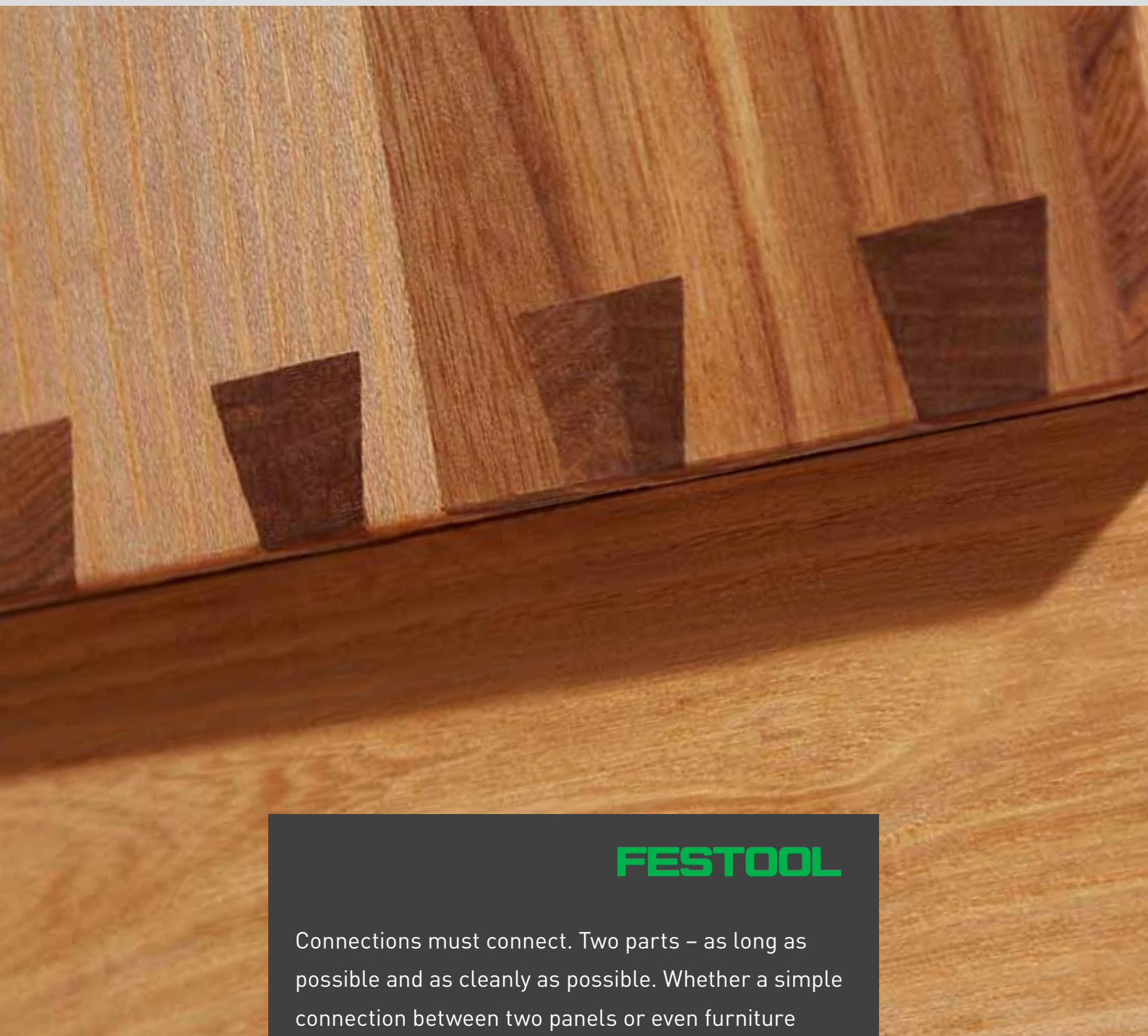


The row of holes and groove in the back plane were cut using the following tools: an OF 1010 router, the guide rail for producing rows of holes, the bit set for producing rows of holes, a guide rail with a guide rail adapter, and an 8 D 8/20 mm groove cutter shank.

A product overview and order numbers are given starting on p. 34

Fitting perfectly forever.
Or why aesthetics and functions can be so well linked.



**FESTOOL**

Connections must connect. Two parts – as long as possible and as cleanly as possible. Whether a simple connection between two panels or even furniture decorations. The most important thing is that the connect holds everything together. Forever if possible.

Normal wood joinery



Normal wood joinery in its most beautiful forms – produced quickly and easily by using the different accessory templates from Festool.



The Festool solution

Cutting dovetails can be painstaking manual work. Or it can be done quickly and easily by using the VS 600 joining system. Because here, the router, template and copying ring are perfectly matched to each other so that precise results can be produced.

There are 4 different types of templates for 7 different sizes of dove tails:



Partially covered dovetail joints



Slot joints



The system for perfect joints.

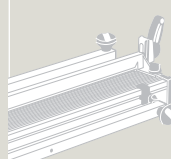
With the VS 600 template, dovetail joints or slot joints that fit perfectly can be quickly produced – and for working widths of up to 650 mm. The templates can be changed without difficulty. And if several work pieces are to be routed one after the other, then the template can simply be tipped up so that the work pieces can be removed. Without having to remove the template. By using the patented swivelling segment, simultaneous doweling of the bottom and sides is possible.



Open dovetail joints



Normal dowel joints



The dovetail pattern was produced using an OF 1010 router and the basic VS 600 unit as well as different templates with suitable edge/dovetail cutters or 8 mm spiral groove cutter shanks.

Join profiled panels together perfectly



There are highly demanding joining tasks everywhere – in the kitchen, the bathroom and the dining room. The APS routing template lets you complete these tasks perfectly and with little effort.



The Festool solution

It is difficult to join rounded off or profiled wood panels at 90° angles. It is easier to use the APS worktop template because edge joints are then guaranteed. The rigidly attached template allows precise results – even for repeated cutting in the same groove. The routing template can be displaced on the profile so that worktops even up to a thickness of 900 mm can be joined.



Perfect joining.

It can be seen that the use of a worktop template is simple – an MFS template profile serves as the attachment base. Depending upon the thickness of the panel, the APS is displaced or aligned along the side. The two keyhole templates serve as guides for routing customary fittings on the bottom of the panel.



Festool develops tools for **practical applications.**

All solutions from Festool were developed from practical applications – and tested by professionals in their daily work. This is the way that custom made routers and practical accessories for day to day work came about, such as the worktop template, which allows rounded off and profiled wood panels to be joined precisely together.

FESTOOL



For joining the panels, a Festool OF 1400 router, an APS routing template and a 12 D 14/45 mm groove cutter shank were used.

A product overview and order numbers are given starting on p. 34

Everything for edges, curves and surfaces.

Tools and accessories at a glance:

Perfect accessories make Festool routers extremely versatile. The accessories that are best suited for a particular task can be seen here at a glance.

You will find the order numbers for the accessories used outside on the flap. For easier orientation, we have assigned numbers to all the accessories.

		Routing forms						
		Radius cuts Ø 40–600 mm	Radius cuts Ø 40–1,200 mm	Radius cuts greater than 1,200 mm and up to 4,000 mm	Cut-outs up to 300 x 100 mm	Cut-outs up to 600 x 300 mm	Cut-outs greater than 600 x 300 m	Profiling
No.								
1–4	 Router OF 1010							
5	 Router OF 1400							
6–7	 Router OF 2200							
8–9	 Edge router OFK 500							Profile, chamfer, or ogee cutter
10	 Edge router OFK 700							Profile, chamfer, or ogee cutter
11–12	 Module edge router MFK 700							Profile, chamfer, or ogee cutter

Quickly and easily build a desired router set
For example: radius cuts Ø 40–1,200 mm


+

+


Router OF 2200 No. 6
 Routing template MFS 400 No. 28
 Groove cutter*

* You will find the complete router program in our main catalogue, at your dealer or on our homepage.



Mobile dust extractors – for a clear view and clean work.

When working with routers and edge routers, Festool suggests using mobile dust extractors. In this way, the view of the workpiece is optimal, the workplace stays clean and your health is protected.

Routing edges			Routing surfaces			Perfect joining			Suitable dust extraction					
Inlaying edge strips up to 14 mm	Routing edge strips flush up to 14 mm	Routing edge strips up to 26 mm	Grooving narrow edges from 20–180 mm	Routing pockets	Routing rows of holes	Routing grooves in surfaces	Edge joining of rounded worktops	Open dovetail joints	Partially covered dovetail joints	Slot joints	Dowel joints	starting with CTM 22 E SG	starting with CTM 33 E SG	Extractor hose D 36 mm
 19, 20, 21 Groove cutters	 19, 20, 21 Groove cutters	 22 Groove cutter	 26, 27 possibly 29–33 groove cutters	 17, 18	 13, 16 or 17 groove cutters	 13, 16 or 17 groove cutters	 SZO 14 = 37, 38, 39, 49, 50 SZO 20 = 37, 40, 41, 52, 53	 SZO 14 = 37, 42, 43, 44 SZO 20 = 37, 45, 46, 47	 FZ 6 = 37, 48, 49, 50 FZ 10 = 37, 51, 52, 53	 FZ 6 = 37, 48, 49, 50 FZ 10 = 37, 51, 52, 53	 37, 54 Dowel drills			
 19, 20, 21 Groove cutters	 19, 20, 21 Groove cutters	 22 Groove cutter	 26, 27 possibly 29–33 groove cutters	 17, 18	 14, 16 or 17 groove cutters	 34, 35 or 36	 SZO 14 = 37, 38, 39, 49, 50 SZO 20 = 37, 40, 41, 52, 53	 SZ 14 = 37, 42, 43, 44 SZ 20 = 37, 45, 46, 47	 FZ 6 = 37, 48, 49, 50 FZ 10 = 37, 51, 52, 53	 FZ 6 = 37, 48, 49, 50 FZ 10 = 37, 51, 52, 53	 37, 54 Dowel drills			
 56 Edge trimming cutter	 55 Edge trimming cutter	 22 Groove cutter	 26, 27 possibly 29–33 groove cutters	 17, 18	 15, 16 or 17 groove cutters	 34, 35 or 36								
 56 Edge trimming cutter	 55 Edge trimming cutter	 22 Groove cutter	 26, 27 possibly 29–33 groove cutters	 17, 18	 15, 16 or 17 groove cutters	 34, 35 or 36								

Mobile dust extraction

When working with routers, Fein mobile dust extractors provide the view of the workpiece and protect your health.

More information

Routing and edge routing

The items included for routing and edge routing contain the parts necessary for immediate use.

No.	Technical specifications	Comments/Dimensions	Order No.
1	OF 1010 EBO-Set	with guide rail FS 800/2, in a SYS 3 SYSTAINER	110V: 574239; 240V: 574231
2	OF 1010 EBO-Plus	in a SYS 3 SYSTAINER	110V: 574238; 240V: 574230
3	OF 1010 EBO	In a box	574175
4	OF 1010 Q	In a box	574188
5	OF 1400 EBO-Plus	In a SYS 4 SYSTAINER	110V: 574409; 240V: 574410
6	OF 2200 EB-Plus	In a SYS 4 SYSTAINER	110V: 574276; 240V: 574275
7	OF 2200 EB-Set	as per 574260 with accessory Systainer SYS 2	110V: 574302; 240V: 574301
8	OFK 500-Plus	in a SYS 2 SYSTAINER	574413
9	OFK 500 Q	In a box	574184
10	OFK 700-Plus	in a SYS 2 SYSTAINER	574407
11	MPK 700 EQ-Set	together with a 15° router table and extractor hood, in a SYS 2 SYSTAINER	110V: 574285; 240V: 574286
12	MPK 700 EQ-Plus	in a SYS 2 SYSTAINER	110V: 574415; 240V: 574416

Router accessories

Items included comprise all the accessories necessary for immediate use of the power tool. From the numbering in the tool/accessory overview, you can find out which accessories can be used for particular applications.

No.	Product	Order No.	Suitable for
13	Guide stop for use with the FS guide system FS, with support	488752	OF 1010
14	Guide stop	492601	OF 1400
15	Guide stop plus 2 extra guide bars	494680 495247	OF 2200
16	Guide rails in lengths of 800 mm to 5,000 mm		For all Festool routers
17	Guide rail with row of holes, length 1,080 mm	491621	OF 1010, OF 1400
18	Drill bit set for drilling rows of holes including router bits, in a SYS 1 Systainer	583291	OF 1010, OF 1400
19	Edging plate	486058	OF 1010
20	Angle arm	486052	OF 1010
21	Chip guard	486242	OF 1010
22	Routing accessory	495246	For all Festool routers
23	Systainer OF accessories complete assortment of stops and base runners, in a SYS 2 2200 SYSTAINER, metric	495248	OF 2200
24	Base runner with wide cover OF 1010	491139	OF 1010
25	Base runner with wide cover OF 1400	493233	OF 1400
26	Base runner with wide cover OF 2200	494682	OF 2200
27	Routing template MFS 400	492610	OF 1400, OF 2200
28	Routing template MFS 700	492611	OF 1400, OF 2200
29	Extension profiles, each 2x with scales		MFS 400/700
29	200 mm	492722	MFS 400/700
30	400 mm	492723	MFS 400/700
31	700 mm	492724	MFS 400/700
32	1,000 mm	492725	MFS 400/700
33	2,000 mm without scaling	492726	MFS 400/700
34	Worktop template APS 900 for router-bit diameters of 14 mm and 30 mm copying ring edge joining template	492727	OF 1400, OF 2200
35	Spiral groove cutter HW shank 12 mm	491110	OF 1400, OF 2200
36	Groove cutter HW shank 12 mm	491089	OF 1400, OF 2200
37	VS 600 basic unit for templates	488876	OF 1010, OF 1400
38	Open dovetail joint template SZO 14, slot size 14 mm	491152	OF 1010, OF 1400*
39	Edge/dovetail cutter HW shank 8 mm, D 14.3, 10°	491164	OF 1010, OF 1400*
40	Open dovetail template SZO 20, slot size 20 mm	491153	OF 1010, OF 1400*
41	Edge/dovetail cutter HW shank 8 mm, D 20, 10°	491165	OF 1010, OF 1400*
42	Partially covered dovetail joint template SZ 14, slot size 14 mm	488877	OF 1010, OF 1400*
43	Edge/dovetail cutter HS shank 8 mm, D 14.3, 15°	490991	OF 1010, OF 1400*
44	Edge/dovetail cutter HW shank 8 mm, D 14.3, 15°	490992	OF 1010, OF 1400*
45	Partially covered dovetail joint template SZ 20, slot size 20 mm	488878	OF 1010, OF 1400*
46	Edge/dovetail cutter HS shank 8 mm, D 20, 15°	490995	OF 1010, OF 1400*
47	Edge/dovetail cutter HW shank 8 mm, D 20, 15°	490996	OF 1010, OF 1400*
48	Slot joint template FZ 6, slot size 6 mm	488879	OF 1010, OF 1400*
49	Spiral groove cutter HS shank 8 mm, D 6	490944	OF 1010, OF 1400*
50	Spiral groove cutter HW shank 8 mm, D 6	490978	OF 1010, OF 1400*
51	Slot joint template FZ 10, slot size 10 mm	488880	OF 1010, OF 1400*
52	Spiral groove cutter HS shank 8 mm, D 10	490946	OF 1010, OF 1400*
53	Spiral groove cutter HW shank 8 mm, D 10	490980	OF 1010, OF 1400*
54	Joining system dowel unit in a 32 mm grid	488881	OF 1010, OF 1400*

*with special copying rings

Edge router accessories		
Technical specifications		belongs to
Router table 15°	495165	OFK 700, MFK 700
Router table 0°	491427	OFK 700, MFK 700

You will find the complete router program in our main catalogue, at your dealer or on our homepage www.festool.com.

FESTOOL

Tools for the toughest demands

www.festool.co.za

Head Office South Africa
TTS Tooltechnic Systems (Pty) Ltd
22-26 Electron Avenue
Isando 1600
Phone 0027-11-570-28 80
Fax 0027-11-392-56 25
E-mail: marketing@festool.co.za

www.festool.com

Тултехник Системс ЕООД
Бул. Христофор Колумб No 9
1592 София
Тел.: 00359-2-9600 742
Факс: 00359-2-9600 743
E-mail: office@festool.bg

Dealer

Festool

Valid starting July, 2008

Not responsible for errors. All rights reserved. Products may differ from those pictured. Prepared for TTS Tooltechnic Systems AG & Co. KG, 72320 Wendlingen, 07/2008.