



# FESTOOL

## The all new RO 150. Reworked and polished.

The new *ROTEX* RO 150 FEQ:  
Raising the standards even higher!



**No compromises**

Designed for all your needs.

# Classic tools are classics for good reason.

**The ROTEX is legendary – and has been for more than 25 years. It was the very first geared eccentric sander and set groundbreaking standards with its innovative 3-in-1 principle. Since then, the ROTEX has impressed many generations of tradesman and has become an essential part of everyday work.**

**But even the best tools can still be improved. That's why we developed the new RO 150 FEQ – it's even more powerful, economical and ergonomic. You'll notice the difference – especially in the long run. And while others are still toiling away, you can take a well-deserved rest. Discover the new ROTEX generation!**

## Benefit from the new ROTEX RO 150:

The compact multitasking RO 150 is the ideal tool for alternating between complex sanding tasks and polishing which offers a multitude of benefits to your daily work – no compromises.

Take a look for yourself:

### Impressive economic efficiency

- Quick and efficient material removal
- Above-average service life; extended abrasive life

### First-class results

- For sanding a wide range of surfaces
- Perfect, scratch-free fine sanding – no re-work

### Ergonomic, effortless work

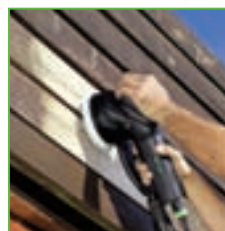
- Perfect grip position for every working situation
- Minimal vibration

## The 3-in-1 principle:

### Three times more versatile

Often imitated but never duplicated and now even more sophisticated: our unique 3-in-1 principle. Coarse sanding, fine sanding or polishing – the new RO 150 gives you greater flexibility. It does the work of three tools and really gets stuck into the job at hand, as you would expect from a genuine ROTEX. So what's new? It has a more powerful motor for better performance under load, a long-life gear unit for an even longer working life and improved ergonomics for a secure grip in every situation.

Make your work easier – with the ROTEX by Festool.  
There can only be one original!



Coarse sanding



Fine sanding



Polishing

## Festool machines ...

**... have to be tough. They undergo 300 rigorous hours in the testing laboratory.**

The long service life of Festool products is legendary, for good reason. An example is the rigorous testing procedures that each newly developed tool must go through before it is released for general sale. The removal of old lacquer, paint and wood as well as the sanding of more demanding materials such as concrete, steel and plaster formed part of the ROTEX test program. Drop tests, intentional operating errors and impact testing with the sanding pad were also included.

The ROTEX passed every test with flying colours and fully deserves its Festool name.

Festool testing laboratory,  
September/October 2005



All the benefits at a glance.

## The original is setting new standards:

A huge number of tradespeople already benefit from the economical 3-in-1 principle of the ROTEX. Now, Festool raises the bar even higher for geared eccentric sanders: the new RO 150 machine is even more durable, economical and significantly more ergonomic, allowing you to work even more easily on large surface areas.

Why not test the "new classic" RO 150 for yourself? For coarse sanding, fine sanding and polishing.



### Festool PROTECTOR

Simply click the PROTECTOR into position to protect the sanding pad and eliminate damage to adjoining materials. The PROTECTOR enables you to sand more quickly, easily and free from kickback – and without time-consuming re-work.



### Tool-free pad changing.

You'll be well equipped for any surface with the quick, tool-less FastFix sanding pad system. Simply remove the pad, replace and carry on working...



### Smooth running.

The large internal contact surface ensures sanding and polishing pads run smoothly for perfect balance and minimal vibration.



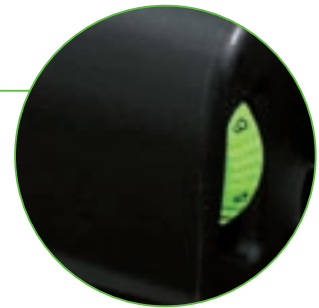
**PATENTED!**

### Long service life.

The double-sealed long-life gear unit makes the RO 150 more durable, even under the toughest operating conditions.



**Ideal switch position.**  
The new switch position allows you to change quickly between coarse and fine sanding settings and is easy to operate for both right and left-handers. A special, ventilated mount prevents dust from clogging up the switch.



**Individual work.**  
Different materials, different requirements: the MMC electronics have everything under control, with outstanding features such as smooth startup, overheating protection and stepless speed adjustment.

**Impressive ergonomics.**  
With its narrow machine housing, compact design, low weight, well-positioned switch and ergonomically shaped hand grip, you'll know that the ROTEX was designed with the user in mind as soon as you pick it up.



**Detachable extraction channel.**  
The extraction channel can be removed with a simple hand movement, for easier polishing.




**Effective sanding pad brake.**  
The sanding pad brake prevents the abrasive disc from scratching the workpiece on initial contact, eliminating gouges and costly re-work.



**Selection of sanding pads.**  
Complete selection of sanding pads. Our extremely durable sanding pads are made from MPE plastic, available in different hardness grades and adapted to different surfaces. They feature Jetstream for efficient dust extraction and extended abrasive life.

**On CD-ROM**

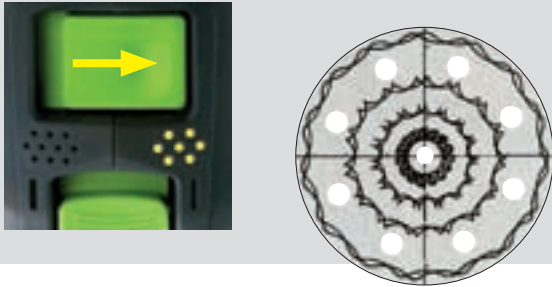
**ROTEX Interactive Product Tour**

 With the Interactive Product Tour, you can experience all of the possibilities and advantages of the new ROTEX: applications, product features and accessories. Pictures, video and text immerse you in the world of the ROTEX, whenever it's convenient for you. You can obtain the application CD ROM free of charge by requesting it on the Festool Homepage ([www.festool.co.uk](http://www.festool.co.uk)).

Three tools in one.

## Perfect working results three times over.

### Coarse sanding with the RO 150



#### The ROTEX rotary motion for efficient material removal.

Old paint removal, renovation work, roughly sawn beams – the efficient material removal rate and dust extraction of the RO 150 make it the ideal sander for all heavy-duty tasks. Just one click and you'll benefit from the proven combination of orbital and eccentric movement, removing material three times faster than a normal eccentric sander.



Your powerful partner when the going gets tough ...

#### The ROTEX benefit: more comfort, less vibration.

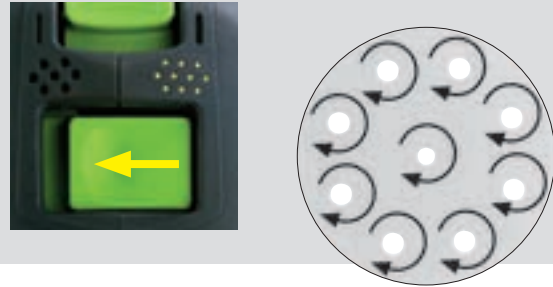
When coarse sanding, the RO 150 rests more snugly in the hand than any other geared eccentric sander. Expertly designed and precision manufactured, the drive components eliminate pad imbalance and significantly reduce vibration. This advantage comes to the fore during coarse sanding tasks. Your hands will be very grateful for the RO 150.

#### The benefits to you

Save time, effort and protect your health when coarse sanding:

- Extremely efficient material removal
- Minimal effort, minimal vibrations
- Efficient dust extraction

### Fine sanding with the RO 150



#### The eccentric motion for an excellent surface finish.

The RO 150 is in its element on large, high-quality surfaces. Tabletops, worktops, doors: The ROTEX enables you to work quickly, conveniently and vibration-free, and its classic eccentric motion produces an excellent, extra-fine sanding pattern for perfect results.



... for sanding high-quality wooden surfaces ...

#### The ROTEX benefit: fast, tool-less sanding pad changes.

Adapt your ROTEX perfectly to suit the surface – with a single hand movement. Simply attach the appropriate pad (hard or soft) with a flick of the wrist - no tools. With the RO 150, changing sanding pads is as quick and easy as that!

#### The benefits to you

Effortless fine sanding that produces perfect results:

- High-quality, scratch-free finish
- Sander adapts to suit the material
- No re-work

**Polishing with the RO 150**



**The ROTEX rotary motion for gleaming surfaces.**

The ROTEX rotary motion, combining orbital and eccentric movement, not only produces maximum efficiency when removing material, but also delivers perfect results when polishing – without heating the surface significantly. With the RO 150 you're well-equipped to polish high-gloss paints and oiled surfaces.



... lends a brilliant shine to any surface.

**The ROTEX benefit: greater flexibility.**

The ROTEX offers more flexibility than ever before, especially for polishing. Simply detach the extraction channel – and enjoy new freedom of movement.

**The benefits to you**

**Well-equipped for polishing tasks:**

- Perfect, hologram-free finish
- Reduced heat, fast coverage of large areas
- Flexible machine guidance

**Impressive: the economic efficiency**

Investing in a single machine that you can use for three different applications results in significant cost savings. When you invest in a Rotex you acquire an orbital sander, eccentric sander and polisher all in one - for a fraction of the cost required to buy each tool separately. Simple change-over from eccentric to gear-assisted rotary motion saves you time and makes your work significantly more efficient. And that's just the tip of the iceberg...

**Benefits of the ROTEX to you:**

- Lower investment costs
- Shorter sanding times
- Less reworking
- Shorter set-up times
- All-purpose on all surfaces



Worth its weight in gold: The ROTEX RO 150 combines three machines in one.

**Extremely durable. Extremely economical.**

The almost hermetically sealed longlife gear on the robust RO 150 make it your reliable partner for the toughest applications. Daily cost savings from the word go: The jetstream principle prevents the sanding discs from clogging quickly and extends their useful life. (More on the jetstream principle on page 9.)

**The financial benefits for you are clear:**

- Long service life
- Extremely reliable
- Shorter sanding times, less working time

Ergonomic and sophisticated.

## A clever investment with a system.

### Ergonomic machine design



#### Convenient working.

Ergonomics and practical benefits were the main focus during the development of the RO 150. The result: The ROTEX rests snugly in the hand in any grip position and can be guided accurately. The housing is narrow and compact, the weight surprisingly low and vibration has been reduced to a minimum.



The RO 150 is easy to guide along narrow edges.



Easy to handle: even during precision work where hands are close to the sanding surface.

### Innovation for daily use



#### The Festool PROTECTOR.

Anyone wishing to avoid kickback and annoying re-work when working on abutting edges will appreciate the PROTECTOR. Slide it on with a single hand movement, relax and experience trouble-free sanding close to edges:

- No more accidentally damaged workpieces
- No damage to the sanding pad
- No machine kickbacks

### Even more power

#### Fast, faster,...

The RO 150 removes three times as much material when coarse sanding as an eccentric sander with similar power output – without requiring extra physical effort. The power output of the RO 150 has increased to 720 W, yet the overall size and weight remain the same.



Festool testing laboratory, September/October 2005

Coarse sanding with the ROTEX: removes material approximately three times faster.

**For all applications - even the toughest jobs**



For renovating: the ROTECTOR for rapid sanding, right up to the edge.



For coarse sanding of weathered beams.



For removing dried excess adhesive from mineral surfaces.



For sanding different sublayers, eg underside of boats.

**The jetstream principle**

**Prevents clogging.**

The ROTEX works with the established Jetstream principle: a central hole and two air ducts in the sanding pad prevent a vacuum forming during dust extraction. The combination of a dust extractor, 9 extraction holes and the Jetstream principle ensures the highest level of extraction efficiency.



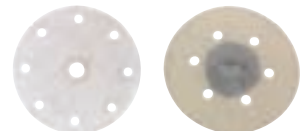
**The 9-hole arrangement is clearly superior to the 6-hole arrangement.**

**The result:**

**1. Less dust accumulation**

Grits work more effectively, increasing sanding efficiency.

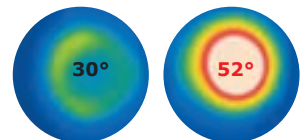
With jetstream | Without jetstream



**2. Reduced heat**

The sanding area remains significantly cooler than with the conventional 6-hole principle.

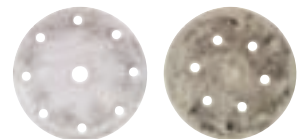
With jetstream | Without jetstream



**3. Fewer blockages**

Dust particles don't clump together; this significantly reduces clogging of the abrasive.

With jetstream | Without jetstream



**The benefits to you**

- Abrasive used for longer
- Useful life extended by up to 30%
- Significant cash savings!

## Stronger. Faster. Better.

### ROTEX RO 150 FEQ



### Applications

- Old lacquer and paint
- Wood
- Renovation work
- Furniture manufacture and restoration
- Mineral materials
- And many more ...

### Features

- Coarse sanding, fine sanding, polishing
- ROTEX rotary motion for efficient material removal
- Eccentric motion for high-quality, scratch-free surfaces
- FastFix sanding pad system, tool-less
- Festool PROTECTOR allows trouble-free sanding, right up to the edge
- Ideal ergonomic grip positions

### Technical data

Power consumption	720 W
Eccentric motion speed	3300 - 6800 rpm
ROTEX rotary motion speed	320 - 660 rpm
Sanding stroke	5 mm
FastFix sanding pad diameter	150 mm
Connection for dust extractor	dia. 27 mm
Weight	2.3 kg

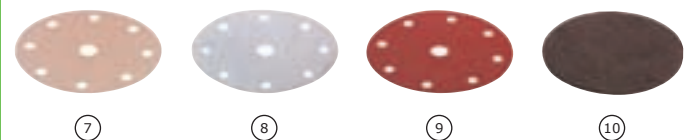
### The system components



### Sanding and polishing pads



### Abrasives



### Polishing accessories



### Model





	Scope of delivery	Order no.
① RO 150 FEQ-Plus 230 V	ROTEX RO 150 FEQ, StickFix sanding pad dia. 150 mm (soft HT), 1 x abrasive Brilliant 2, P 120, Festool PROTECTOR, Systainer size 3.	571592
② RO 150 FEQ-Plus 110 V	ROTEX RO 150 FEQ, StickFix sanding pad dia. 150 mm (soft HT), 1 x abrasive Brilliant 2, P 120, Festool PROTECTOR, in a box.	571593

# With Festool accessories.

## Sanding and polishing pad, 150 mm diameter, 9-hole principle

	Explanation/Dimensions	Qty. in pack/Pcs	Order no.
③	<b>FastFix sanding pad, hard</b> High edge strength. For flat surfaces and narrow edges.	1	493915
④	<b>FastFix sanding pad, soft</b> Extremely temperature-resistant Velcro. For heavy-duty and universal use.	1	493916
⑤	<b>FastFix sanding pad, extra-soft</b> Elastic texture. For tight bends and curves.	1	493917
⑥	<b>FastFix polishing pad</b> For attaching polishing accessories.	1	493914

## Abrasive, 150 mm diameter, 9-hole principle

	Grit	Contents	Order no.	Grit	Contents	Order no.
⑦ <b>FESTOOL Cristal</b> <span style="background-color: yellow; padding: 2px;">NEW</span>  <b>High-performance abrasive for paints, lacquers and repair compound.</b> Coarse sanding for painters and vehicle paintshops.	⑦ P40	5	494037	P40	50	494042
	P60	5	494038	P60	50	494043
	P80	5	494039	P80	50	494044
	P100	5	494040	P100	100	494045
	P120	5	494041	P120	100	494046
⑧ <b>FESTOOL Brilliant 2</b>  <b>High-performance abrasive for paint and lacquer.</b> Preliminary, intermediate and final sanding for painters, carpenters/joiners, furniture makers and interior fitters.	⑧ P40	5	492975	P120	100	492983
	P120	5	492976	P150	100	492984
	P180	5	492977	P180	100	492985
	P320	5	492978	P220	100	492986
	P40	50	492979	P240	100	492987
⑨ <b>FESTOOL Rubin</b>  <b>High-performance abrasive for wood.</b> Preliminary and intermediate sanding for joiners, carpenters and painters in the woodworking and furniture industries	P60	50	492980	P320	100	492988
	P80	50	492981	P400	100	492989
	P100	100	492982			
	⑨ P50	5	489482	P50	50	486394
	P80	5	484107	P80	50	486395
⑩ <b>FESTOOL Vlies</b>  <b>High-performance abrasive</b> Light sanding, roughening, cleaning, degreasing and matting wood, paint, lacquer and metal.	P100	5	489483	P100	50	486396
	P120	5	489484	P120	50	486397
	P24	50	486392	P150	50	486398
	P36	50	486393	P180	50	486399
	⑩ No holes			S800	5	482780
	A100	5	482778			
	A280	5	482779			

## Polishing accessories

	Explanation/Dimensions	Qty. in pack/Pcs	Order no.
⑪	<b>Polishing sponge, fine, dia. 150 mm</b> For re-polishing/finishing to remove trapped dust Height 20 mm.	1	488343
⑫	<b>Polishing felt, hard</b> For polishing lacquer, mineral materials and acrylic glass. Height 15 mm	5	488348
⑬	<b>Sheepskin, dia. 150 mm</b> For preliminary polishing. Height 20 mm.	1	484131
⑭	<b>Polish MPA, coarse MPA 6000 0.5 L</b> Sanding polish. For hardened lacquered surfaces with longer drying times.	1	492424
⑮	<b>Polish MPA, medium MPA 8000 0.5 L</b> Fine sanding polish. For finishing work after painting.	1	493816
⑯	<b>Finishing polish, MPA-F 0.5 L</b> For gentle paint cleaning.	1	493066
⑰	<b>Polishing cloth, MPA microfibre</b> For the perfect paint finish.	2	493068

## Other system components

⑱	<b>Mobile dust extractor CTM 33 E</b> For wood dust and dust with MAK values > 0,1 mg/cm <sup>3</sup> , 1 fitted filter bag, suction hose D 27x3.5 m-AS, locking cover for intake nozzle, max. container/filter bag capacity 33/30 l, dimensions (LxWxH) 625 x 380 x 550 mm, weight 14.5 kg, in a box. For other models, refer to the main Festool catalogue, the Festool homepage or visit your local specialist dealer.	1	583304
⑲	<b>Festool PROTECTOR</b> Easy to attach, protects the workpiece and the sanding pad from abutting edges. (replacement part)	1	493913
⑳	<b>Additional hand grip for RO 150</b> Suitable for both right and left handers. (replacement part)	1	487865
㉑	<b>Toolcenter TC 3000</b> Mobile sanding workplace with large working and storage area, lockable tool cabinet, extractor dock with bracket attachment for CTL/CTM 22/33 and CTM 22/33, hose holder.	1	583285
㉒	<b>Toolcenter rear panel</b> For Toolcenter TC 3000, incl. 10 hooks	1	452986



### Your link to more information...

News and promotions

Online product catalogue

Dealer search

Service

Application examples

3D animations

On the Festool site you can find information about

- new products
- helpful application examples
- our comprehensive service offer
- the complete product range
- product features in detail

And all of this at your leisure.

# FESTOOL

www.festool.co.uk

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### Three Years guarantee – that means three years security:



Festool grants a 1 year guarantee from the date of purchase, as long as the tool has been used correctly. This guarantee is automatically extended by a further two years, provided that the warranty form with every new tool is completed correctly and returned to Festool GB within 30 days of the date of purchase.

Art.-nr 058378



Dealer