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Electric and cordless sanders
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Brush machine
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 The Festool system

Surface finishing

Overview of products and applications

Whether you need to remove material quickly and efficiently or achieve a particularly fine sanding finish – your applications determine the requirements and Festool sanders provide all the answers. Simply select the right machine for your most frequently performed practical applications.

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	RO 90 DX	RO 125	RO 150	ETSC 125	RTSC 400	DTSC 400



Applications

Gear-driven eccentric sander ROTEX

Cordless sanders

Flat surfaces

coarse sanding	○	●	●			
Pre-sanding	○	●	●	○	○	○
Fine sanding	○	●	●	●	●	●
extra-fine sanding	○	○	○	●	○	○

Curved surfaces

coarse sanding	○	●	●			
Pre-sanding	●	●	●	○		
Fine sanding	●	●	●	●		
extra-fine sanding	○	○	○	●		

Internal corners

coarse sanding	●					
Pre-sanding	●				○	○
Fine sanding	●				○	●
extra-fine sanding	○					○

Polishing

Small surfaces	●	●	○			
Large surfaces		○	●			

Technical data

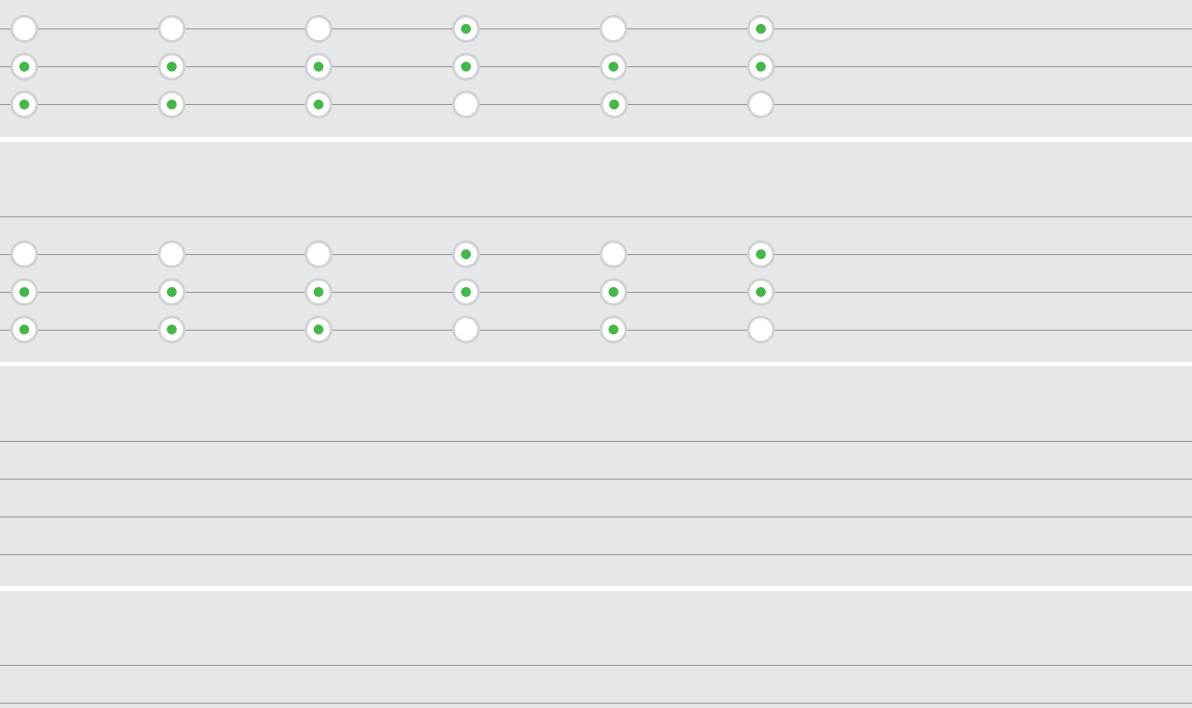
Battery voltage (V)				18	18	18
Li-ion battery capacity (Ah)				3,1	3,1	3,1
Power consumption with power adapter (W)	400	500	720	150	150	150
ROTEX rotary motion speed (rpm)	260 – 520	300 – 600	320 – 660			
Eccentric motion speed (rpm)	3.500 – 7.000	3.000 – 6.000	3.300 – 6.800	6.000 – 10.000	6.000 – 10.000	6.000 – 10.000
Sanding stroke (mm)	3	3,6	5	2	2	2
Sanding pad Ø/sanding pad (mm)	90	125	150	125	80 x 130	100 x 150
Weight (with lithium-ion*) (kg)	1,5	1,9	2,3	1,4*	1,4*	1,4*

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ETS 125 R ETS EC 125 ETS 150/3 ETS 150/5 ETS EC 150/3 ETS EC 150/5



Eccentric sanders



Ideal Suitable

	250	400	310	310	400	400
	6.000 – 12.000	6.000 – 10.000	4.000 – 10.000	4.000 – 10.000	6.000 – 10.000	6.000 – 10.000
	2	3	3	5	3	5
	125	125	150	150	150	150
	1,2	1,2	1,8	1,8	1,2	1,2

Surface finishing

Overview of products and applications

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RS 100

RS 100 C

RS 200

RS 300

RTS 400 R



Applications

Geared orbital sander

Direct-drive orbital sander

Flat surfaces

coarse sanding



Pre-sanding



Fine sanding



extra-fine sanding



Curved surfaces

coarse sanding

Pre-sanding

Fine sanding

extra-fine sanding

Internal corners

coarse sanding

Pre-sanding

Fine sanding

extra-fine sanding

Profiles

coarse sanding

Pre-sanding

Fine sanding

extra-fine sanding

Technical data

	RS 100	RS 100 C	RS 200	RS 300	RTS 400 R
Power consumption (W)	620	520	330	280	250
Idle engine speed (rpm)	6.000	7.000	4.000 – 10.000	4.000 – 10.000	6.000 – 12.000
Sanding stroke (mm)	5	5	2,4	2,4	2
Sanding pad (mm)	115 x 221	115 x 221	115 x 225	93 x 175	80 x 130
Weight (kg)	3,1	3,0	2,5	2,3	1,2

111 ——— 113

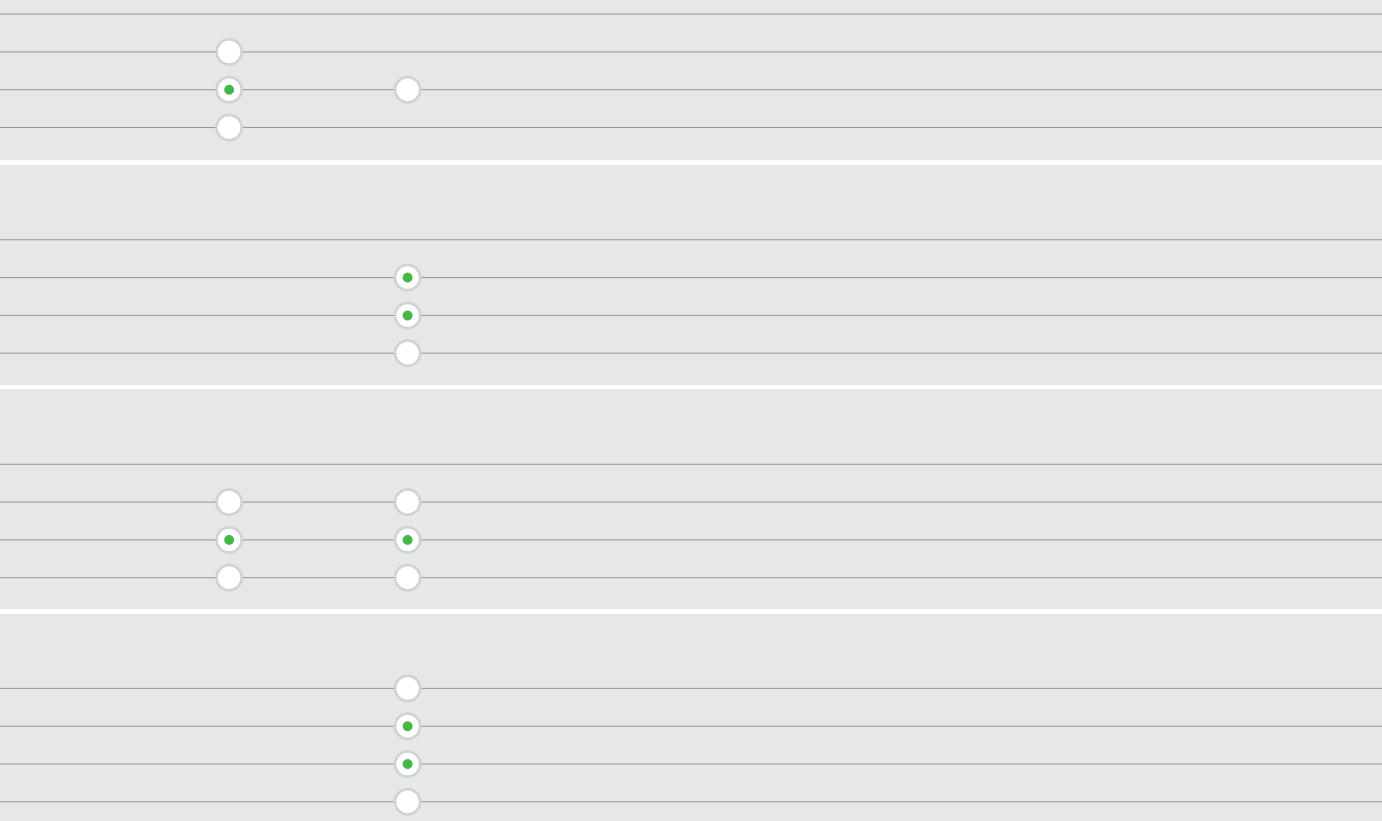
DTS 400 R

LS 130



Delta sander

Linear sander
DUPLEX



● Ideal

○ Suitable

	250	260
	6.000 – 12.000	4.000 – 6.000
	2	4
	100 x 150	133 x 80
	1,2	1,7

Surface finishing

Overview of products and applications

NEW

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RAS 180

LHS-E 225

LHS 225



Applications

Rotary sander

Long-reach sander PLANEX

Flat surfaces

coarse sanding



Pre-sanding



Fine sanding

extra-fine sanding

Curved surfaces

coarse sanding



Pre-sanding



Fine sanding

extra-fine sanding

Plasterboard

Sanding plasterboard and dry wall filler



Sanding set filler



Sanding filler on high ceilings



Texturing surfaces

Technical data

Power consumption (W)	1.500	400	550
Idle engine speed (rpm)	800 – 4.000	400 – 920	340 – 910
Sanding pad Ø (mm)	180	215	215
Belt length x belt width (mm)			
Sanding area (mm)			
Tool Ø (mm)			
Weight (Length 1.10 m) (kg)			3,8
Weight (Length 1.60 m) (kg)			4,6
Weight (kg)	4,2	4,0	

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BS 75 **BS 105** **CMS-BS** **BMS 180**



Belt sander

Compact Module System CMS

RUSTOFIX brush machine



● Ideal ○ Suitable

	700	1.000	550	1.500
			2.800	800 – 4.000
	533 x 75	620 x 105	820 x 120	
	135 x 75	160 x 105	185 x 185	
				150
	3,8	6,5		7,5

Surface finishing

Overview of products and applications

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LEX 3 77

LEX 3 125/3

LEX 3 125/5

LEX 3 150/3

LEX 3 150/5



Applications

LEX compressed air eccentric sander

Flat surfaces

coarse sanding
Pre-sanding
Fine sanding
extra-fine sanding



Curved surfaces

coarse sanding
Pre-sanding
Fine sanding
extra-fine sanding



Internal corners

coarse sanding
Pre-sanding
Fine sanding
extra-fine sanding



Technical data

	LEX 3 77	LEX 3 125/3	LEX 3 125/5	LEX 3 150/3	LEX 3 150/5
Operating pressure (flow pressure) (bar)	6	6	6	6	6
No. of strokes (rpm)	21.000	19.000	19.000	20.000	20.000
Eccentric motion speed (rpm)	10.500	9.500	9.500	10.000	10.000
Sanding stroke (mm)	2,5	3	5	3	5
Pad Ø (mm)	77	125	125	150	150
Sanding pad StickFix (mm)					
Air consumption at rated load (l/min)	270	290	290	290	290
Weight (kg)	0,8	1,0	1,0	1,0	1,0

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LEX 3 150/7

LRS 93

LRS 400



LEX compressed air eccentric sander

Compressed air orbital sander



Ideal

Suitable

	6	6	6
	20.000	14.000	14.000
	10.000		
	7	4	4
	150		
		93 x 175	80 x 400
	310	310	390
	1,0	1,5	2,1

Surface finishing

Overview of products and applications

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SHINEX RAP 150-14

SHINEX RAP 150-21

POLLUX 180



Applications

Rotary polisher

Polishing

Small surfaces

Large surfaces



Ideal

Suitable

Technical data

Power consumption (W)	1.200	1.200	1.500
Idle engine speed (rpm)	600 – 1.400	900 – 2.100	800 – 2.400
Max. polishing pad Ø (mm)	150	150	180
Spindle thread	M14	M14	M14
Weight (kg)	2,1	2,1	3,6



ROTEX RO 90 DX

Round tool that also sands in corners.

- ▶ FastFix sanding pad system, tool-less
- ▶ Eccentric motion for high-quality, scratch-free surfaces
- ▶ Sanding up to the edge thanks to the Festool PROTECTOR
- ▶ Ideal ergonomic grip positions

Technical data

Connection Ø for dust extraction (mm)	27
Power consumption (W)	400
ROTEX rotary motion speed (min ⁻¹)	260 – 520
Orbital motion speed (min ⁻¹)	3.500 – 7.000
Sanding stroke (mm)	3
FastFix sanding pad Ø (mm)	90
weight (kg)	1,5



■ = MMC Multi Material Control electronics

Scope of delivery	Order no.
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RO 90 DX FEQ-Plus AUS FastFix sanding pad, Ø 90 mm (soft-HT), StickFix sanding pad V93, Festool PROTECTOR, in SYSTAINER SYS 2 T-LOC	571824
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Four tools in one.

Coarse sanding, fine sanding, polishing and detail sanding with just one tool. Low initial costs, maximum flexibility and a wide range of applications. For greater efficiency and time savings.

System accessories from page 134



Abrasives from page 150



Surface finishing

Gear-driven eccentric sander ROTEX RO 125



design award
winner
2004

ROTEX RO 125



Handy all-rounder.

- ▶ Three tools in one: coarse sanding, fine sanding and polishing
- ▶ Compact, lightweight and handy for fatigue-free work
- ▶ FastFix sanding pad system, tool-less
- ▶ Eccentric motion for high-quality, scratch-free surfaces

Technical data

Connection Ø for dust extraction (mm)	27
Power consumption (W)	500
ROTEX rotary motion speed (min ⁻¹)	300 – 600
Orbital motion speed (min ⁻¹)	3.000 – 6.000
Sanding stroke (mm)	3,6
FastFix sanding pad Ø (mm)	125
weight (kg)	1,9



■ = MMC Multi Material Control electronics

Scope of delivery

RO 125 FEQ Plus AUS
FastFix sanding pad Ø 125 mm (soft-HT), Festool PROTECTOR,
in SYSTAINER SYS 2 T-LOC

Order no.

571781

Extremely durable.

With robust eccentric bearings, a double-sealed housing and dustproof switches, the ROTEX can even withstand long periods of continuous use.

System accessories from page 135



Abrasives from page 150





ROTEX RO 150

The original 3-in-1 principle with powerful machine concept.

- ▶ Three tools in one: coarse sanding, fine sanding and polishing
- ▶ FastFix sanding pad system, tool-less
- ▶ Eccentric motion for high-quality, scratch-free surfaces
- ▶ Sanding up to the edge thanks to the Festool PROTECTOR

Technical data

Power consumption (W)	720
ROTEX rotary motion speed (min ⁻¹)	320 – 660
Orbital motion speed (min ⁻¹)	3.300 – 6.800
Sanding stroke (mm)	5
FastFix sanding pad Ø (mm)	150
Connection Ø for dust extraction (mm)	27
weight (kg)	2,3



■ = MMC Multi Material Control electronics

Scope of delivery

MultiJetstream FastFix sanding pad Ø 150 mm (soft HT),
Festool PROTECTOR

Order no.

RO 150 FE AUS	877,27	575067
in carton	965,00	
RO 150 FEQ-Plus AUS	931,82	575071
in SYSTAINER SYS 3 T-LOC	1.025,00	



Quick setup times with the FastFix pad change system.

Simple, quick and safe. You don't need any other tools for pad changes apart from your hands. Simply remove the pad, replace and carry on working...

System accessories from page 136



Abrasives from page 150



Surface finishing

Random orbital sander ETS 125 R

ETS 125 R



Better handling, less strenuous work.

The ergonomic design of the compact sander is ideal for one-handed operation – for right and left-handers. The machine is perfectly balanced so that sanding pads run smoothly, allowing you to work effortlessly for longer.

The compact one-handed sander.

- ▶ Non-tiring work: thanks to the compact design, weighing just 1.2 kg, and perfectly balanced weight distribution
- ▶ Up to 25% higher rate of material removal: the MMC control electronics transmits the 250 watts of power directly onto the working surface
- ▶ Healthier and with less follow-up work: in combination with mobile dust extractor or Longlife dust catcher and attachable PROTECTOR for careful sanding along window surfaces, frames and panelling
- ▶ For long-term of use: Longlife dust catcher bag made from extra durable non-woven polyester can be emptied and reused

Technical data

Power consumption (W)	250
Orbital motion speed (min ⁻¹)	6.000 – 12.000
Sanding stroke (mm)	2
Interchangeable sanding pad Ø (mm)	125
Connection Ø for dust extraction (mm)	27
weight (kg)	1,2



■ = Electronic

Scope of delivery	Order no.
StickFix sanding pad Ø 125 mm (soft-HT), Festool PROTECTOR, Longlife dust catcher	
ETS 125 REQ-Plus AUS in SYSTEMAINER SYS 2 T-LOC	201235
ETS 125 REQ AUS in carton	201614

System accessories from page 137



Abrasives from page 150



NEW



Brushless EC-TEC motor for a long service life and high efficiency

03

ETSC 125



The ergonomic cordless one-handed sander.

- ▶ Mobile and non-tiring: without cable or hose, with perfect ergonomics, low height and weighing just 1.4 kg
- ▶ Powerful: the powerful 18 V Ergo battery pack in combination with the brushless EC-TEC motor ensures cordless freedom with plugged-in performance
- ▶ No interruptions: thanks to battery packs with 3.1 Ah capacity, which run for more time than they take to charge
- ▶ Unlimited working time: for continuous electric operation, you can swap the battery pack for the plug it-power adapter (included in set and available as an accessory)

Technical data

Battery voltage (V)	18
Lithium-ion battery capacity (Ah)	3,1
No-load speed (min ⁻¹)	6.000 – 10.000
Sanding stroke (mm)	2
Interchangeable sanding pad Ø (mm)	125
Connection Ø for dust extraction (mm)	27
Weight with Li Ion battery pack (kg)	1,4



■ = MMC Multi Material Control electronics

Scope of delivery	Order no.
StickFix sanding pad Ø 125 mm (soft-HT), Festool PROTECTOR, Longlife dust catcher	
ETSC 125 Li-Basic battery pack not included, without charger, in SYSTAINER SYS 2 T-LOC	201533
ETSC 125 Li 3,1-Plus AUS battery pack BP 18 Li 3.1 ERGO, rapid charger TCL 6, in SYSTAINER SYS 2 T-LOC	575537
ETSC 125 Li 3,1-Set AUS battery pack BP 18 Li 3.1 ERGO, rapid charger TCL 6, power adapter ACA 18V ERGO, in SYSTAINER SYS-Combi 2	575540

Unbeatable mobility.

Non-tiring work overhead, vertically or in hard to reach places – without power cord and hose, with perfect ergonomics and weighing just 1.4 kg (including the battery); perfectly balanced weight distribution and low height.

System accessories from page 137



Abrasives from page 150



Surface finishing

Random orbital sander ETS EC 125

Brushless EC-TEC motor
for a long service life and
high efficiency



ETS EC 125



Compact on the outside. Clever on the inside.

The ETS EC 125/3 is a favourite in the compact class for fine sanding and extra-fine sanding. As a one-handed sander with superb power-to-weight ratio, it produces excellent surface quality with a 3 mm sanding stroke.

The perfect finishing sander in the compact class.

- ▶ EC technology and carbide-tipped pad brake for long service life
- ▶ Stepless speed preselection and constant speed even under load
- ▶ Perfectly positioned pushbutton switch prevents switching on or off accidentally
- ▶ With Jetstream sanding pad for optimal dust extraction

Technical data

Power consumption (W)	400
Orbital motion speed (min ⁻¹)	6.000 – 10.000
Sanding stroke (mm)	3
Interchangeable sanding pad Ø (mm)	125
Connection Ø for dust extraction (mm)	27
weight (kg)	1,2



■ = MMC Multi Material Control electronics

Scope of delivery

StickFix sanding pad Ø 125 mm (soft-HT), operating tool

Order no.

ETS EC 125/3 EQ AUS
in carton

201620

ETS EC 125/3 EQ-Plus AUS
in SYSTAINER SYS 2 T-LOC

201619

System accessories from page 137



Abrasives from page 150





ETS 150



Perfect finishing sander.

- ▶ 3 mm sanding stroke for an excellent surface finish
- ▶ Sanding pad brake for safe, faultless work – no rework
- ▶ Dual bearing for a long service life
- ▶ Weighs only 1.8 kg for particularly effortless work

Technical data	ETS 150/3	ETS 150/5
Power consumption (W)	310	310
Orbital motion speed (min ⁻¹)	4.000 – 10.000	4.000 – 10.000
Sanding stroke (mm)	3	5
Interchangeable sanding pad Ø (mm)	150	150
Connection Ø for dust extraction (mm)	27	27
weight (kg)	1,8	1,8



■ = MMC Multi Material Control electronics

Scope of delivery	Order no.
filter cartridge, operating tool	
ETS 150/3 E AUS 240V StickFix sanding pad, Ø 150 mm MULTI-JETSTREAM 2 (extra-soft), in carton	575028
ETS 150/3 EQ-Plus AUS StickFix sanding pad, Ø 150 mm MULTI-JETSTREAM 2 (extra-soft), in SYSTAINER SYS 3 T-LOC	575029
ETS 150/5 E AUS StickFix sanding pad, Ø 150 mm MULTI-JETSTREAM 2 (soft-HT), in carton	575063
ETS 150/5 EQ-Plus AUS StickFix sanding pad, Ø 150 mm MULTI-JETSTREAM 2 (soft-HT), in SYSTAINER SYS 3 T-LOC	575062

System accessories from page 138



Abrasives from page 150



Perfect surface quality.

The ETS 150/3 is a favourite for fine sanding and extra-fine sanding. A lightweight in its class, it produces an excellent surface finish with a 3 mm sanding stroke. The ETS 150/5, with a 5 mm stroke, is a favourite for light sanding or sanding between paint coats. Its manoeuvrability is an example of outstanding ergonomics.

Surface finishing

Random orbit sander ETS EC 150

Brushless EC-TEC motor
for a long service life and
high efficiency



ETS EC 150



Sanding has many sides. We've thought of them all.

Overhead, at vertical areas or narrow edges – the new ETS EC 150 takes up position in all circumstances: Perfection with handling and sanding result. Thanks to the high-performance and brushless EC-TEC motor, the compact ETS EC 150 is ideal for one-handed and effortless work with simultaneously high demands for smooth running and surface quality.

The perfect finishing sander in the compact class.

- ▶ Stepless speed preselection, constant speed even under load
- ▶ 3 mm sanding stroke for excellent surface quality
- ▶ EC technology and carbide-tipped pad brake for long service life
- ▶ Compact design and just 1.2 kg weight for optimum working ergonomics

Technical data	ETS EC 150/3	ETS EC 150/5
Power consumption (W)	400	400
Orbital motion speed (min ⁻¹)	6.000 – 10.000	6.000 – 10.000
Sanding stroke (mm)	3	5
Interchangeable sanding pad Ø (mm)	150	150
Connection Ø for dust extraction (mm)	27	27
weight (kg)	1,2	1,2



☐ = MMC Multi Material Control electronics

Scope of delivery	Order no.
operating tool	
ETS EC 150/3 EQ AUS StickFix sanding pad, Ø 150 mm MULTI-JETSTREAM 2 (extra-soft), in carton	575038
ETS EC 150/3 EQ-Plus AUS StickFix sanding pad, Ø 150 mm MULTI-JETSTREAM 2 (extra-soft), in SYSTAINER SYS 2 T-LOC	575037
ETS EC 150/3 EQ-GQ AUS StickFix sanding pad, Ø 150 mm MULTI-JETSTREAM 2 (extra-soft), suction hose D27/22x3.5 m AS-GQ (in carton)	571950
ETS EC 150/5 EQ AUS StickFix sanding pad, Ø 150 mm MULTI-JETSTREAM 2 (soft-HT), in carton	575050
ETS EC 150/5 EQ-Plus AUS StickFix sanding pad, Ø 150 mm MULTI-JETSTREAM 2 (soft-HT), in SYSTAINER SYS 2 T-LOC	575049
ETS EC 150/5 EQ-GQ AUS StickFix sanding pad, Ø 150 mm MULTI-JETSTREAM 2 (soft-HT), suction hose D27/22x3.5 m AS-GQ (in carton), in carton	571961

System accessories from page 138



Abrasives from page 150





**What is the best way to obtain a perfect surface?
With a system.**

Rapid material removal and fine sanding pattern as a basis for the perfect finish or preparing high gloss surface. In no other area is the system concept as evident as the development of our sanding tools. Robust, ergonomic tools that were designed to be used effortlessly for long periods. With individually adapted pads and abrasive sheets for transferring force perfectly and abrasives developed with the same care as the machine themselves.

A system concept that focusses on perfect tools and perfect results as well as the people we design our tools for.

The sanding pad system.

Sanding pads suitable for every type of application are available in different degrees of hardness ranging from extra-soft to hard. Easy to change with Jetstream principle that reduces surface heat and ensures efficient dust extraction.

Abrasive system.

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

The extraction and workspace system.

A well-planned workplace saves time and journeys. A good dust extraction system keeps the air free of dust and ensures consistent quality results while preventing the lungs from inhaling sanding dust.



Surface finishing

Orbital Sander RS 100



product
design
award

2001



RS 100



High material removal rate.

Festool gear-driven sanders with reduction gearing are designed for heavy-duty material removal and are therefore suitable for sanding old, thick and stubborn coatings on large surfaces.

Professional with integral extractor.

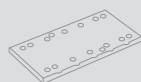
- ▶ Vibration Stop for smooth running and healthy working
- ▶ Efficient dust extraction provides a clear view and ensures a healthy working environment
- ▶ Well-balanced centre of gravity for perfect results and fatigue-free work
- ▶ Powerful stirring action and reduction gearing for maximum economic efficiency

Technical data	RS 100 Q-Plus	RS 100 CQ-Plus
Power consumption (W)	620	520
No-load speed (min ⁻¹)	6.000	7.000
No. of strokes (min ⁻¹)	12.000	14.000
Sanding stroke (mm)	5	5
Interchangeable sanding pad (mm)	115 x 221	115 x 221
Connection Ø for dust extraction (mm)	27	27
weight (kg)	3,1	3

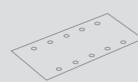


Scope of delivery	Order no.
RS 100 CQ AUS StickFix sanding pad 115 x 221 mm, in carton	567003
RS 100 CQ-Plus AUS StickFix sanding pad 115 x 221 mm, in SYSTAINER SYS 2 T-LOC	567879

System accessories
from page 139



Abrasives
from page 150





RS 200



Master of large surfaces.

- ▶ large sanding pad and high speed for an excellent surface quality in intermediate sanding and final sanding of clear coats and lacquer without requiring rework
- ▶ Large sanding base for economical sanding over large areas
- ▶ Ability to sand up to the edge on three sides
- ▶ The enclosed dustproof bearing and extremely tear-resistant MPE sanding pad ensure a long service life and maximum economic efficiency

Technical data

Power consumption (W)	330
No-load speed (min ⁻¹)	4.000 – 10.000
No. of strokes (min ⁻¹)	8.000 – 20.000
Sanding stroke (mm)	2,4
Interchangeable sanding pad (mm)	115 x 225
Connection Ø for dust extraction (mm)	27
weight (kg)	2,5



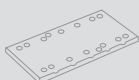
■ = Electronic

Perfect sanding finish.

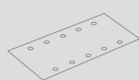
The RS 200 produces outstanding quality over large surfaces: it has a 2.4 mm sanding stroke and direct drive; and its large sanding pad ensures economical intermediate varnish and final sanding, eg light sanding of doors or large surface areas on furniture. The ability to sand right into corners and edges minimises rework.

Scope of delivery	Order no.
StickFix sanding pad 115 x 225 mm, filter cartridge	
RS 200 EQ AUS in carton	201605
RS 200 EQ-Plus AUS in SYSTAINER SYS 2 T-LOC	567887

System accessories from page 139



Abrasives from page 150



Surface finishing

Orbital Sander RS 300



product
design
award

2001

RS 300



When things get a little tight.

Universal application – the RS 300 has the right sanding pad for almost every task.

A multi-talent.

- ▶ Different interchangeable sanding pads for a wide range of applications
- ▶ Optimal ratio between size, weight and sanding pad – for non-tiring work
- ▶ Ergonomic shape – ideal even on vertical surfaces and work overhead
- ▶ Sturdy bearings, secure oscillators and a highly tear-resistant MPE sanding pad ensure long service life

Technical data

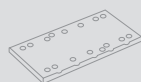
Power consumption (W)	
Power consumption (W)	280
No-load speed (min ⁻¹)	4.000 – 10.000
No. of strokes (min ⁻¹)	8.000 – 20.000
Sanding stroke (mm)	2,4
Interchangeable sanding pad (mm)	93 x 175
Connection Ø for dust extraction (mm)	27
weight (kg)	2,3



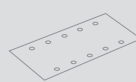
= Electronic

Scope of delivery	Order no.
StickFix sanding pad 93 x 175 mm, filter cartridge, in carton	
RS 300 EQ AUS	201606
RS 300 EQ-Plus AUS in SYSTEMAINER SYS 2 T-LOC	201607

System accessories
from page 139



Abrasives
from page 150





RTS 400 R

Compact one-handed sander.

- ▶ Non-tiring work: thanks to the compact design, weighing just 1.2 kg, and perfectly balanced weight distribution
- ▶ Up to 25% higher rate of material removal: the MMC control electronics transmits the 250 watts of power directly onto the working surface
- ▶ Healthier and with less follow-up work: in combination with mobile dust extractor or Longlife dust catcher and attachable PROTECTOR for careful sanding along window surfaces, frames and panelling
- ▶ For long-term of use: Longlife dust catcher bag made from extra durable non-woven polyester can be emptied and reused



Technical data	
Power consumption (W)	250
No-load speed (min ⁻¹)	6.000 – 12.000
No. of strokes (min ⁻¹)	12.000 – 24.000
Sanding stroke (mm)	2
Interchangeable sanding pad (mm)	80 x 130
Connection Ø for dust extraction (mm)	27
weight (kg)	1,2



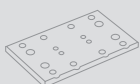
■ = Electronic

Scope of delivery	Order no.
RTS 400 REQ AUS in carton	201608
RTS 400 REQ-Plus AUS StickFix sanding pad 80 x 130 mm, Festool PROTECTOR, Longlife dust catcher, in SYSTAINER SYS 2 T-LOC	201222

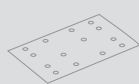
Clean working environment.

Efficient dust extraction for a clear view of the working area and a workplace free from dust.

System accessories
from page 140



Abrasives
from page 150



Surface finishing

Cordless orbital sander RTSC 400

NEW

Brushless EC-TEC motor
for a long service life and
high efficiency



RTSC 400



Unique: with battery or cord.

For any work requiring even longer operating time, you can swap the 18 V Ergo battery pack for the plug it-power adapter (included in set and available as an accessory). In combination with the plug it-cable, this gives you a corded tool with unlimited working time for continuous electric operation – ideal when combined with a Festool dust extractor.

The ergonomic one-handed cordless orbital sander.

- ▶ Mobile and non-tiring: without cable or hose, with perfect ergonomics, low height and weighing just 1.4 kg
- ▶ Powerful: the powerful 18 V Ergo battery pack in combination with the brushless EC-TEC motor ensures cordless freedom with plugged-in performance
- ▶ No interruptions: thanks to battery packs with 3.1 Ah capacity, which run for more time than they take to charge
- ▶ Unlimited working time: for continuous electric operation, you can swap the battery pack for the plug it-power adapter (included in set and available as an accessory)

Technical data

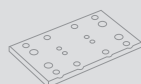
Battery voltage (V)	18
Lithium-ion battery capacity (Ah)	3,1
No-load speed (min ⁻¹)	6.000 - 10.000
Sanding stroke (mm)	2
Interchangeable sanding pad (mm)	80 x 130
Connection Ø for dust extraction (mm)	27
Weight with Li Ion battery pack (kg)	1,4



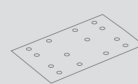
■ = MMC Multi Material Control electronics

Scope of delivery	Order no.
StickFix sanding pad 80 x 130 mm, Festool PROTECTOR, Longlife dust catcher	
RTSC 400 Li-Basic battery pack not included, without charger, in SYSTAINER SYS 2 T-LOC	201519
RTSC 400 Li 3,1-Plus AUS battery pack BP 18 Li 3.1 ERGO, rapid charger TCL 6, in SYSTAINER SYS 2 T-LOC	575535
RTSC 400 Li 3,1-Set AUS Protection pad PP-STF 80x133 /2, battery pack BP 18 Li 3.1 ERGO, rapid charger TCL 6, power adapter ACA 18V ERGO, in SYSTAINER SYS-Combi 2	575538

System accessories
from page 140



Abrasives
from page 150





DTS 400 R



Compact corner sander.

- ▶ Non-tiring work: thanks to the compact design, weighing just 1.2 kg, and perfectly balanced weight distribution
- ▶ Up to 25% higher rate of material removal: the MMC control electronics transmits the 250 watts of power directly onto the working surface
- ▶ Healthier and with less follow-up work: in combination with mobile dust extractor or Longlife dust catcher and attachable PROTECTOR for careful sanding along window surfaces, frames and panelling
- ▶ For long-term of use: Longlife dust catcher bag made from extra durable non-woven polyester can be emptied and reused

Technical data

Power consumption (W)	250
No-load speed (min ⁻¹)	6.000 – 12.000
Sanding stroke (mm)	2
Interchangeable sanding pad (mm)	100 x 150
Connection Ø for dust extraction (mm)	27
weight (kg)	1,2



■ = Electronic

Scope of delivery

StickFix sanding pad 100 x 150 mm, Festool PROTECTOR, Longlife dust catcher

Order no.

DTS 400 REQ AUS
in carton

201609

DTS 400 REQ-Plus AUS
in SYSTAINER SYS 2 T-LOC

201229

Sanding in corners and along edges.

Perfect preparation of windows and doors – the DTS 400 with iron-shaped pad can be guided accurately along narrow edges and into corners.

System accessories from page 140



Abrasives from page 150



Surface finishing

Cordless delta sander DTSC 400

NEW

Brushless EC-TEC motor
for a long service life and
high efficiency



DTSC 400



Less follow-up work.

PROTECTOR for careful sanding along shutters, frames and panelling.

The ergonomic cordless corner grinder.

- ▶ Mobile and non-tiring: without cable or hose, with perfect ergonomics, low height and weighing just 1.4 kg
- ▶ Powerful: the powerful 18 V Ergo battery pack in combination with the brushless EC-TEC motor ensures cordless freedom with plugged-in performance
- ▶ No interruptions: thanks to battery packs with 3.1 Ah capacity, which run for more time than they take to charge
- ▶ Unlimited working time: for continuous electric operation, you can swap the battery pack for the plug it-power adapter (included in set and available as an accessory)

Technical data

Battery voltage (V)	18
Lithium-ion battery capacity (Ah)	3,1
No-load speed (min ⁻¹)	6.000 - 10.000
Sanding stroke (mm)	2
Interchangeable sanding pad (mm)	100 x 150
Connection Ø for dust extraction (mm)	27
Weight with Li Ion battery pack (kg)	1,4



■ = MMC Multi Material Control electronics

Scope of delivery	Order no.
StickFix sanding pad 100 x 150 mm, Festool PROTECTOR, Longlife dust catcher	
DTSC 400 Li-Basic battery pack not included, without charger, in SYSTAINER SYS 2 T-LOC	201526
DTSC 400 Li 3,1-Plus AUS battery pack BP 18 Li 3.1 ERGO, rapid charger TCL 6, in SYSTAINER SYS 2 T-LOC	575536
DTSC 400 Li 3,1-Set AUS Protection pad PP-STF DELTA /2, battery pack BP 18 Li 3.1 ERGO, rapid charger TCL 6, power adapter ACA 18V ERGO, in SYSTAINER SYS-Combi 2	575539

System accessories
from page 140



Abrasives
from page 150





DUPLEX LS 130



Profile sander.

- ▶ Wear-resistant design for a long service life
- ▶ Linear motion provides an efficient alternative to manual work in rebates and profiles for fatigue-free work
- ▶ A variety of different sanding pads and abrasives for a wide range of applications
- ▶ Simple, quick and tool-less sanding pad changes

Technical data

Power consumption (W)	260
No-load speed (min ⁻¹)	4.000 – 6.000
No. of strokes (min ⁻¹)	8.000 – 12.000
Sanding stroke (mm)	4
Interchangeable sanding pad (mm)	133 x 80
Connection Ø for dust extraction (mm)	27
weight (kg)	1,7



■ = Electronic

Scope of delivery

LS 130 EQ-Plus AUS

StickFix standard profile sanding pad, 90° profile sanding pad, in SYSTAINER SYS 1 T-LOC

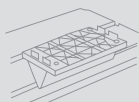
Order no.

567770

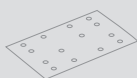
Curves and profiles.

The DUPLEX is ideal for sanding curves and profiles, thanks to its linear motion, the DIY kit and a large selection of sanding pads.

System accessories from page 141



Abrasives from page 150



Surface finishing

Rotary sander RAS 180



RAS 180



MMC electronics.

Smooth start-up, controlled speed and a temperature control to protect against overload make the RAS ideal for demanding, continuous use.

Large heavy-duty sander.

- ▶ Optimum dust extraction ensures a clean workplace, a clear view and a healthy working environment
- ▶ Tool-less sanding pad change
- ▶ Particularly economical when used over large areas, as the machine is designed for high material removal rates and fast work progress
- ▶ Thermal overload protection keeps machine costs low because it ensures a long service life

Technical data

Power consumption (W)	1.500
No-load speed (min ⁻¹)	800 – 4.000
Interchangeable sanding pad Ø (mm)	180
Spindle	M14
Connection Ø for dust extraction (mm)	27
weight (kg)	4,2



■ = MMC Multi Material Control electronics

Scope of delivery

RAS 180 E AUS

StickFix sanding pad Ø 180, StickFix abrasives, dust extraction hood, operating tool, in carton

Order no.

570743

System accessories from page 142



Abrasives from page 150





PLANEX easy LHS-E 225

Plasterboard work has never been simpler.

- ▶ Sanding longer with ease: Festool's first long-reach sander without any assembly or setting
- ▶ The careful balance between smooth handling and favourable weight distribution lets you keep working for longer
- ▶ The lightest long-reach sander with direct drive on the market



Technical data

Power consumption (W)	400
No-load speed (min ⁻¹)	400 - 920
Interchangeable sanding pad Ø (mm)	215
Abrasive Ø (mm)	225
length (m)	1,6
Connection Ø for dust extraction (mm)	36/27
weight (kg)	4



■ = MMC Multi Material Control electronics

Scope of delivery

Scope of delivery	Order no.
carry bag LHS-E 225-BAG	
LHS-E 225 EQ AUS	571937
StickFix sanding pad LHS-E Ø 215 mm	
LHS-E225/CTM36-Set AUS	575418
StickFix sanding pad Ø 215 (extra-soft), mobile dust extractor CTM 36 E AC PLANEX, in SYSTEMER SYS MAXI	

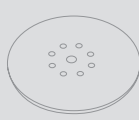
Convenient and secure.

Top results, in any position. Whether on the ceiling or on the wall: low weight and high flexibility in the head area make sanding extremely easy in any position.

System accessories from page 143



Abrasives from page 150



Surface finishing

Long-reach sander PLANEX LHS 225



PLANEX LHS 225



Efficient short-reach or long-reach sanding on walls and ceilings.

- ▶ Two lengths, one machine – extend or reduce in a few simple hand movements
- ▶ Two-speed gears for efficient, rapid material removal on walls and ceilings
- ▶ Perfectly balanced for easy handling
- ▶ Robust, reliable drive components and efficient power transfer

Technical data

Power consumption (W)	550
No-load speed (min ⁻¹)	340 – 910
Interchangeable sanding pad Ø (mm)	215
Connection Ø for dust extraction (mm)	36/27
Weight (length 1.60 m) (kg)	4,6
Weight (length 1.10 m) (kg)	3,8



■ = MMC Multi Material Control electronics

Scope of delivery

LHS 225 EQ-Plus/IP AUS **571576**

StickFix sanding pad Ø 215 mm including 2 Interface pads, in carton

LHS 225 EQ-CT AC-Set AUS **574875**

StickFix sanding pad Ø 215 mm, High-performance main filter, self-cleaning filter bag, disposal bag, kink-resistant suction hose D36x3.5-AS/LHS 225, comfort clean closing slide, cable rewriter, in SYSTAINER SYS MAXI

Working near edges.

When sanding the area between two adjacent walls or a ceiling and wall: the PLANEX LHS 225 produces consistent results when sanding right up to the edge.

System accessories from page 143



Abrasives from page 150





BS 75



Manoeuvrable belt sander.

- ▶ The well-balanced centre of gravity of the longitudinally mounted motor ensures fatigue-free work
- ▶ Strong motor pulling force ensures economic working

Technical data

Power consumption (W)	700
Rated belt load (m/min)	315
Belt length x belt width (mm)	533 x 75
Sanding area (mm)	135 x 75
Connection Ø for dust extraction (mm)	27/36
weight (kg)	3,8



Scope of delivery

extraction adapter, dust bag, slip band P100

Order no.

BS 75 AUS
in carton

570230

BS 75 E-Set AUS

stationary frame that converts tool to benchtop finisher,
surface sanding frame, in SYSTAINER SYS MAXI

570214

Smooth touch down.

The sanding frame can be positioned gently and securely, the belt sander does not tilt and is easy to guide.

System accessories
from page 144



Abrasives
from page 150



Surface finishing

Belt sander BS 105

BS 105



Stationary use.

With the bench unit, you can turn a mobile belt sander into a stationary unit in an instant, allowing you to machine smaller workpieces more efficiently.



Wide belt sander.

- ▶ precision adjustment after every belt change for maximum accuracy
- ▶ The well-balanced centre of gravity of the longitudinally mounted motor ensures fatigue-free work
- ▶ perfect system accessories – the belt sanders can be quickly combined with the bench-mounted set for permanent installation in the bodyshop
- ▶ Strong motor pulling force ensures economic working

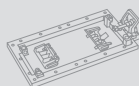
Technical data

Power consumption (W)	1.000
Rated belt load (m/min)	380
Belt length x belt width (mm)	620 x 105
Sanding area (mm)	160 x 105
Connection Ø for dust extraction (mm)	27/36
weight (kg)	6,5



This product is not available in Australia.

System accessories
from page 144



Abrasives
from page 150



CMS-BS



The belt sander for the CMS system.

- ▶ Possibility of lowering the sanding belt for full belt utilisation, achieving greater efficiency
- ▶ Quick, simple belt changing – short changeover times
- ▶ Tilting sanding belt for sanding chamfers and sloping surfaces with ease
- ▶ Powerful motor for sanding large areas with minimum effort

Technical data

Power consumption (W)	550
No-load speed (min ⁻¹)	2.800
Belt length x belt width (mm)	820 x 120
Sanding area (mm)	185 x 185
Connection Ø for dust extraction (mm)	27
Module support dimensions (mm)	578 x 320



Scope of delivery

CMS-MOD-BS 120 AUS
 finisher module, dust extraction hood, connecting hose,
 abrasive belt SA P100, mitre guide, in carton

Order no.

201474

Open to change.

The CMS Compact Module System consists of a basic unit and compatible modules that transform the unit into a stationary bench-mounted saw, jigsaw, bench-mounted router or belt sander.

CMS system overview
 from page 396



System accessories
 from page 414



Surface finishing



Designed for continuous operation.

Extremely robust, durable and reliable. Ideal for heavy-duty applications in paintshops or the industrial sector because compressed air sanders are low-maintenance and significantly lighter than electric power tools.

The robust design provides durability. The innovative IAS 3 system ensures perfect dust extraction, low vibration levels and lower operating noises, for a healthy working environment.

Three times the benefits – the Festool IAS 3 system.

The unique IAS 3 system combines three functions in one hose: compressed air supply, exhaust air extraction and dust extraction. Sanding dust and exhaust air are kept away from the working area, the surface remains clean and the resulting surface finish is excellent. The compressed air tool operates more quietly due to sound absorption elements in the hose. An intelligently designed exhaust air system prevents the discharge of cold air onto the hands and wrists and makes your work more enjoyable and healthier.





LEX 3 77

For clear coat finishing work.

- ▶ Very robust construction ensures long life, little need for maintenance or servicing, and cost savings
- ▶ Pleasant work noise, low vibration levels and diffuse exhaust when used with compressed air hose all help to protect the health of the user
- ▶ Sanding pad brake reduces sanding flaws when first applying the tool to the surface, meaning less reworking and lower costs
- ▶ Low air consumption results in major cost savings

Technical data

Operating pressure (flow pressure) (bar)	6
No. of strokes (min ⁻¹)	21.000
Orbital motion speed (min ⁻¹)	10.500
Sanding stroke (mm)	2,5
vibration emission value ah (single-axel) (m/s ²)	0,8
vibration emission value ah (three-axel) (m/s ²)	1,9
Air consumption at rated load (l/min)	270
Sanding pad Ø (mm)	77
Sound pressure level (dB[A])	72
weight (kg)	0,8



Scope of delivery	Order no.
StickFix sanding pad Ø 77 mm W-HT (soft), operating tool	
LEX 3 77/2,5 in carton	691131
LEX 3 77/2,5 Set IAS-connection IAS 3-SD, compressed-air hose Ø 12,4x 5m, interface pad Ø 77 mm, in SYSTAINER SYS 2 T-LOC	691150



For extreme durability.

For smooth processes with no machine failures or maintenance.

The IAS 3 connection system is required to operate the compressed air sanders.

System accessories from page 145



Abrasives from page 150



Surface finishing

Compressed air eccentric sander LEX 3 125



1913

LEX 3 125



No possibility of confusion.

Clearly visible stroke indicator on the dead-man switch of all LEX 3 models makes it easy to select the correct machine.



Cuts back on air consumption, but not on results.

- ▶ Low air consumption results in major cost savings
- ▶ Low vibration levels and pleasant noise for healthy work
- ▶ Very robust construction ensures long life, little need for maintenance or servicing, and cost savings
- ▶ Combine with IAS 3 light hose for simplified continuous dust extraction, giving you top quality work results and protecting your health

Technical data	LEX 3 125/3	LEX 3 125/5
Operating pressure (flow pressure) [bar]	6	6
No. of strokes (min ⁻¹)	19.000	19.000
Orbital motion speed (min ⁻¹)	9.500	9.500
Sanding stroke (mm)	3	5
vibration emission value ah (single-axel) [m/s ²]	1,1	1,1
vibration emission value ah (three-axel) [m/s ²]	3,6	4,2
Air consumption at rated load [l/min]	290	290
Sound pressure level [dB(A)]	70	70
Sanding pad Ø (mm)	125	125
weight (kg)	1	1



Scope of delivery	Order no.
operating tool, in carton	
LEX 3 125/3 StickFix sanding pad Ø 125 mm (extra-soft)	691140
LEX 3 125/5 StickFix sanding pad Ø 125 mm (soft-HT)	691141

The IAS 3 connection system is required to operate the compressed air sanders.

System accessories
from page 145



Abrasives
from page 150





2013

LEX 3 150

Stops vibration and increases efficiency.

- ▶ precise – sanding pad brake ensures a clean pattern
- ▶ Low air consumption results in major cost savings
- ▶ high-quality sanding pads and the MULTI-JETSTREAM principle for perfect dust extraction and economical abrasive consumption
- ▶ Low vibration levels and pleasant noise for healthy work

Technical data	LEX 3 150/3	LEX 3 150/5	LEX 3 150/7
Operating pressure (flow pressure) (bar)	6	6	6
No. of strokes (min ⁻¹)	20.000	20.000	20.000
Orbital motion speed (min ⁻¹)	10.000	10.000	10.000
Sanding stroke (mm)	3	5	7
vibration emission value ah (single-axel) (m/s ²)	2,1	2,7	3,17
vibration emission value ah (three-axel) (m/s ²)	3,7	3,9	5,8
Air consumption at rated load (l/min)	290	290	310
Sound pressure level (dB[A])	72	72	76
Sanding pad Ø (mm)	150	150	150
weight (kg)	1	1	1



Scope of delivery	Order no.
operating tool, in carton	
LEX 3 150/3 StickFix sanding pad, Ø 150 mm MULTI-JETSTREAM 2 (extra-soft)	691137
LEX 3 150/5 StickFix sanding pad, Ø 150 mm MULTI-JETSTREAM 2 (soft-HT)	691138
LEX 3 150/7 StickFix sanding pad, Ø 150 mm MULTI-JETSTREAM 2 (soft-HT)	691139

The IAS 3 connection system is required to operate the compressed air sanders.

System accessories from page 145



Abrasives from page 150



Safe and healthy.

The non-slip softgrip cap on the LEX 3 provides a secure hold. Dust extraction with MULTI-JETSTREAM 2 keeps the air and workpiece clean.

Surface finishing

Compressed air orbital sander LRS 93

LRS 93



Vibration Stop

Less stress on your hands and wrists. VS balancing reduces vibrations and oscillations, and is kind to both you and your machine.



Perfect for flat surfaces.

- ▶ Machine is easy to guide
- ▶ Speed and stroke preselection
- ▶ VibrationsStop for healthy, fatigue-free work
- ▶ Robust vane motor for a long service life

Technical data

Operating pressure (flow pressure) (bar)	6
No. of strokes (min ⁻¹)	14.000
Sanding stroke (mm)	4
Air consumption at rated load (l/min)	310
Sanding pad StickFix (mm)	93 x 175
weight (kg)	1,5



Scope of delivery

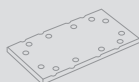
LRS 93M
StickFix sanding pad 93 x 175 mm, bottle of cleaning and lubricating oil LFC 9022 (50 ml), in carton

Order no.

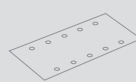
574811

The IAS 3 connection system is required to operate the compressed air sanders.

System accessories from page 147



Abrasives from page 150





LRS 400



Long sander for large surfaces.

- ▶ Lightweight and handy despite its size
- ▶ High material removal rate on large, flat surfaces
- ▶ Highly effective dust extraction
- ▶ Softgrip handle

Technical data

Operating pressure (flow pressure) (bar)	6
No. of strokes (min ⁻¹)	14.000
Sanding stroke (mm)	4
Air consumption at rated load (l/min)	390
Sanding pad StickFix (mm)	80 x 400
weight (kg)	2,1



Scope of delivery

LRS 400
StickFix sanding pad 80 x 400 mm (soft), bottle of cleaning and lubricating oil LFC 9022 (50 ml), in carton

Order no.

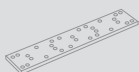
574813

Easy guidance.

All compressed air orbital sanders are easy to guide, both with one or two hands. The Softgrip and the additional handle on the LRS 400 give you complete control of the machine.

The IAS 3 connection system is required to operate the compressed air sanders.

System accessories
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Abrasives
from page 150

