

FLEX-Elektrowerkzeuge GmbH
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FLEX

Cordless wall and ceiling sander Giraffe® with interchangeable head system 18.0 V

GE MH 18.0-EC/5.0 Set+MH-X

Order number 504.068



Technical attributes

Battery voltage	18 V
Battery capacity	2,5 / 5,0 Ah
No load speed	1150-1800 rpm
Orbit rate, no load (MH-T)	3950-6200 opm
Orbit rate, no load (MH-X)	3200-5000 opm
Sanding disc Ø	225 mm
Tool fixture	velcro
Tilt angle on the head	100 °
Length	1440 mm
Weight excluding battery/head	2,8 kg

Cordless wall and ceiling sander Giraffe® with interchangeable head system 18.0 V

- + Electronic management system (EMS) protects the machine, extends the service life, and increases efficiency
- + Electronics: Speed preselection with adjustment wheel, overload protection, restart lock and temperature monitoring
- + Brushless motor with greater efficiency and a longer service life
- + Very handy, light-weight machine with optimum ease of operation. Provides comfortable and ergonomic working conditions
- + Fitted with innovative interchangeable head system. Sanding heads are attached and removed with a click
- + Excentric sanding head with a 4 mm stroke that makes it easy to achieve perfect surfaces in Q3 and Q4 quality
- + Easy guiding: by optimal balance between motor and sanding head
- + Reliable force transmission and high flexibility thanks to the flexible drive shaft from. For decades established "FLEX technology". Thanks to this design principle the weight on the head of the Giraffe is reduced to a minimum. This facilitates handling.
- + Gimbal-mounted sanding head provides high flexibility and optimum adjustment for sanding walls and ceilings.
- + Effective dust extraction from between the brush ring and the sanding pad prevents clogging of the abrasive and promotes a dust-free working environment
- + Option of connecting the FLEX safety vacuum cleaners to the FLEX clip-system on the guide tube
- + Dust-proof on/off switch
- + LED battery capacity display
- + FLEX battery system: suitable for all FLEX 18,0 V battery packs

Standard equipment

1 excentric sanding head MH-X	457.205
1 clip-on quick clamping ring SH-FC 32	406.023
2 batteries 5.0 Ah AP 18.0/5.0	445.894
1 charger CA 10.8/18.0	417.882
1 carrying bag	408.867

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Accessories

Rotary sanding head with edge segment

Order number 457.183



Technical attributes

QTY/PKG

1

Allows processing of surface transitions from the wall to the ceiling. The rotation of the edge sanding head is induced by the movement of the tool, without interruption of the sanding process. This results in a 5 times faster edge processing. The integrated sliding edges on the sanding head prevent damage to the contact surfaces on the wall and ceiling.

Excentric sanding head

Order number 457.205



Technical attributes

QTY/PKG

1

The innovative excentric sanding head and it's 4 mm stroke effortlessly achieve perfect surfaces in the Q3 and Q4 range. Fast putties, spray fillers and also softer putties and fillers can be grinded with the excentric sanding head efficiently and in a controlled manner. The sanding paper with multi-hole perforation ensures optimum dust extraction and thus comfortable work.

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Accessories

Round sanding head

Order number 457.175



Technical attributes

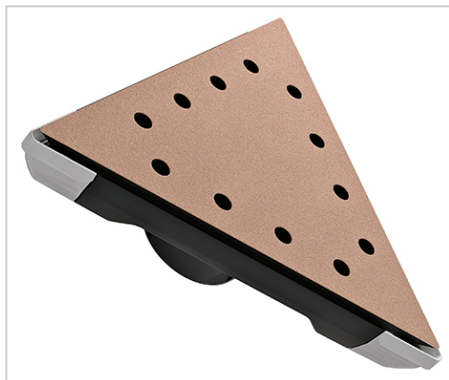
QTY/PKG

1

Optimally suitable for finishing large surfaces on walls and ceilings. Effective dust extraction, high surface removal rate.

Triangular sanding head

Order number 457.191



Technical attributes

QTY/PKG

1

Ideal for sanding corners and edges with 4 mm stroke. The orbital movement of the sanding paper guides the abrasive directly to the edge. Due to the large contact surface with respect to hand-held excentric sanders, a better evenness of the surface is achieved. The rotation of the triangular sanding head adapts to tool movement, which allows sanding of the wall and ceiling transitions without interruption of the operation. With changeable protective corners with sliding strips.

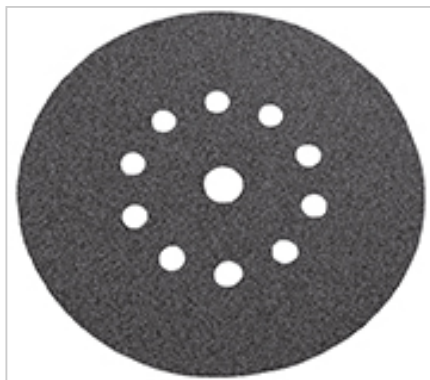
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Accessories

Velcro sanding paper SELECTFLEX

Order number 350.079

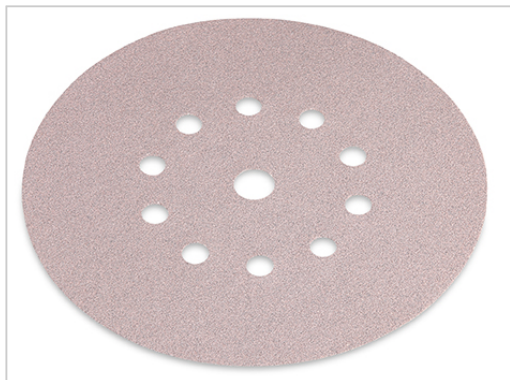


For sanding joint filler in drywall construction, punched for dust extraction.

Technical attributes

Dimensions in mm	225 Ø
Grit	P 16
QTY/PKG	10

Velcro sanding paper SELECTFLEX



For sanding joint filler in drywall construction, punched for dust extraction.

Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
225 Ø	P 40	20	370.924
225 Ø	P 60	25	348.503
225 Ø	P 80	25	348.511
225 Ø	P 100	25	348.538
225 Ø	P 120	25	349.216
225 Ø	P 150	25	349.224
225 Ø	P 180	25	349.232
225 Ø	P 220	25	348.546
225 Ø	5x P 80/100/120/150/180	25	370.932

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Accessories

Velcro sanding fleece

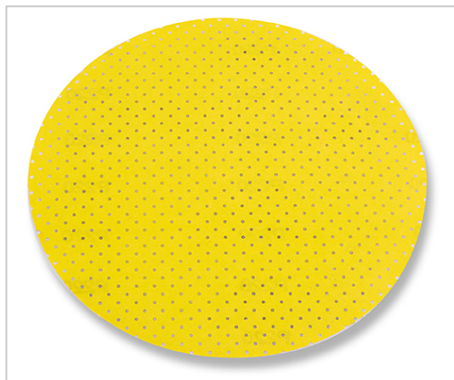


Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
225 Ø	A 100	10	281.042
225 Ø	A 180	10	281.034

Pre-sanding, cleaning and matting existing paint coatings prior to repainting (large-vehicles, containers ...)

Velcro sanding paper (perforated)



Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
225 Ø	P 40	25	280.739
225 Ø	P 60	25	260.233
225 Ø	P 80	25	260.234
225 Ø	P 100	25	260.235
225 Ø	P 120	25	282.405
225 Ø	P 150	25	311.995
225 Ø	P 180	25	311.987
225 Ø	P 220	25	260.236

For leveling coarse surface irregularities.

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Accessories

Fast clip adapter

Order number 410.497



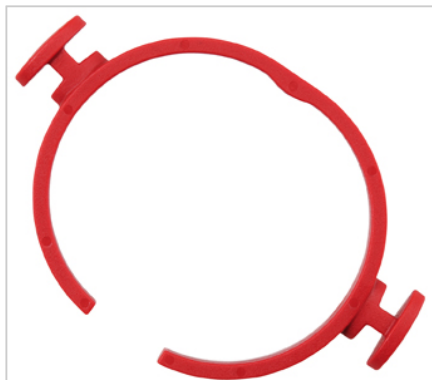
Technical attributes

QTY/PKG	1
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Change adapter on electric power tools with closed FLEX clip-system for quick and easy detachment/attachment (quick clamping ring).

Clip-on quick clamping ring red

Order number 406.023



Technical attributes

QTY/PKG	1
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For suction adapter SAD-FC 32 and for GE 5 /R, GSE 5 R.

Antistatic suction hose with auxiliary air control

Order number 406.708



Technical attributes

QTY/PKG	1
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Internal Ø 32 mm, 4 m with universal device connection, snap connection and universal adapter (445.029), antistatic. Includes variable

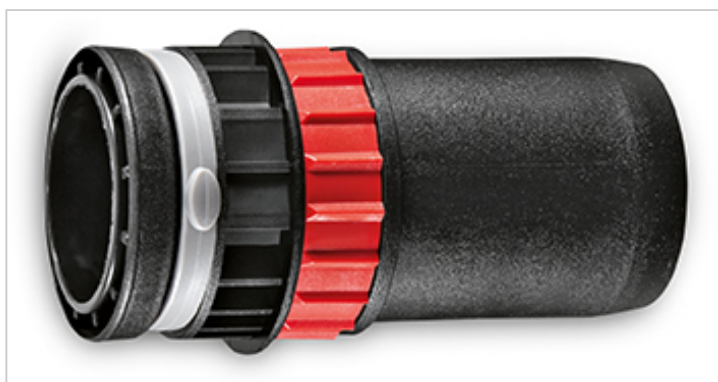
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adjustment of suction power for reduction of vacuum.

Clip adapter

Order number 408.360



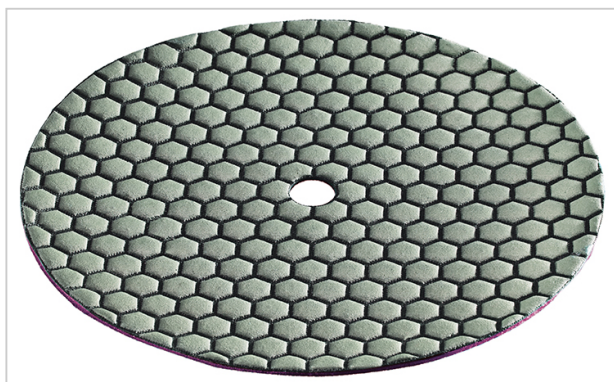
Technical attributes

QTY/PKG	1
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For connecting a FLEX power tool to extraction units from other manufacturers. Suitable for hoses inside Ø 27 mm, outside Ø 36 mm, with auxiliary air adjustment.

Diamond sanding pad

Order number 419.060



Technical attributes

Dimensions in mm	225 Ø
Grit	30
QTY/PKG	1

For use with velcro sanding pad 225 Ø. Sanding pads for dry sanding, a great advantage in the repair and renovation areas. Suitable for sanding and polishing concrete and natural stone surfaces.

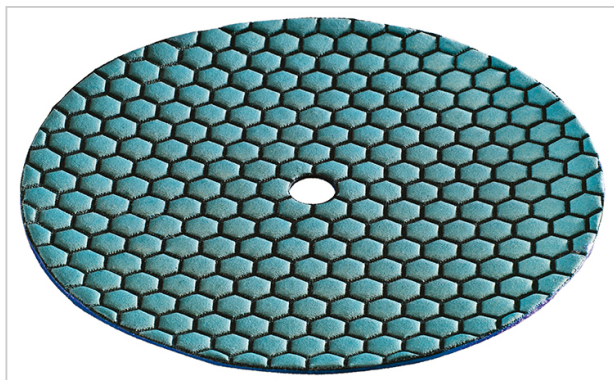
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Accessories

Diamond sanding pad

Order number 419.079



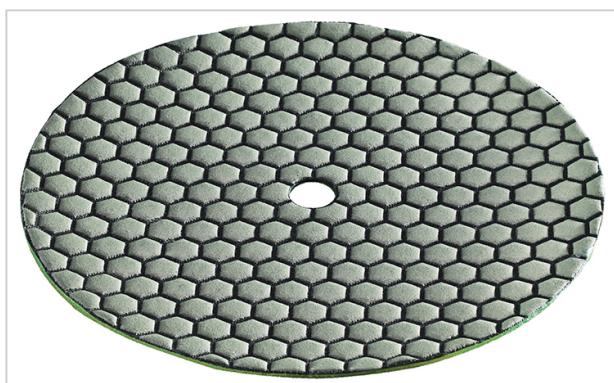
For use with velcro sanding pad 225 Ø. Sanding pads for dry sanding, a great advantage in the repair and renovation areas. Suitable for sanding and polishing concrete and natural stone surfaces.

Technical attributes

Dimensions in mm	225 Ø
Grit	50
QTY/PKG	1

Diamond sanding pad

Order number 419.087



For use with velcro sanding pad 225 Ø. Sanding pads for dry sanding, a great advantage in the repair and renovation areas. Suitable for sanding and polishing concrete and natural stone surfaces.

Technical attributes

Dimensions in mm	225 Ø
Grit	80
QTY/PKG	1

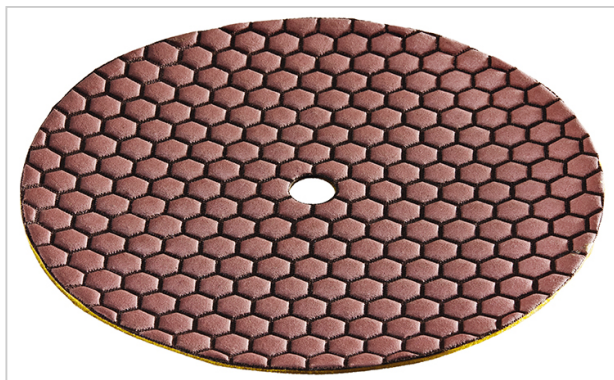
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Accessories

Diamond sanding pad

Order number 419.095

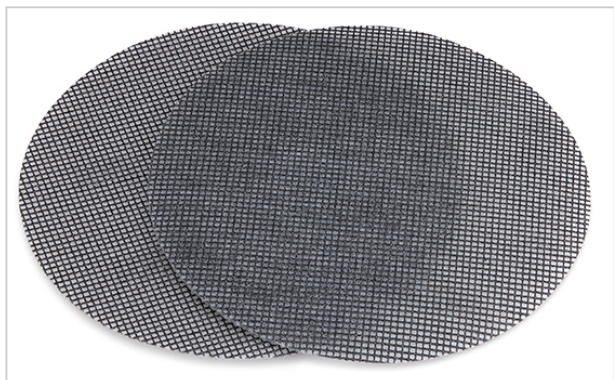


For use with velcro sanding pad 225 Ø. Sanding pads for dry sanding, a great advantage in the repair and renovation areas. Suitable for sanding and polishing concrete and natural stone surfaces.

Technical attributes

Dimensions in mm	225 Ø
Grit	100
QTY/PKG	1

Velcro sanding grid



For rapid removal of surface irregularities.

Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
225 Ø	grit 80	25	260.237
225 Ø	grit 100	25	260.230

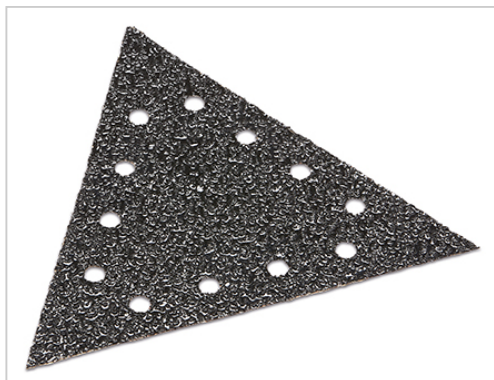
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Accessories

Velcro sanding paper SELECTFLEX

Order number 350.095

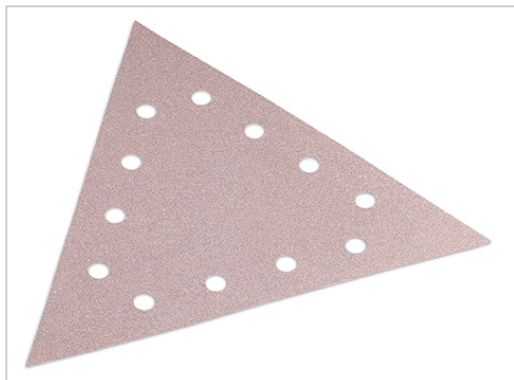


For sanding joint filler in drywall construction, punched for dust extraction.

Technical attributes

Dimensions in mm	290
Grit	P 16
QTY/PKG	10

Velcro sanding paper SELECTFLEX



For sanding joint filler in drywall construction, punched for dust extraction.

Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
290	P 40	20	370.940
290	P 60	25	348.554
290	P 80	25	348.562
290	P 100	25	348.570
290	P 120	25	349.240
290	P 150	25	349.259
290	P 180	25	349.267
290	P 220	25	348.589
290	5x P 80/100/120/150/180	25	370.959

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Accessories

Interface Ø 225, round

Order number 470.678



Technical attributes

QTY/PKG

2

Interface as absorbing element between grinding pad and abrasive paper. Ideal for finishing surfaces. Recommendation: work with interface for in-between and final sanding involving finer grain. Do not work with interface for rough sanding involving coarse grain and when using sanding fleece. For all Giraffes.

Velcro backing pad Ø 225, round

Order number 472.603



Technical attributes

QTY/PKG

1

Backing pad for finishing surfaces in Q3 and Q4 quality. Sanding disc attached with velcro system. Can be used with the GE 7 random-orbital sanding head (MH-X D225).

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Accessories

Velcro triangular backing pad

Order number 472.611



Backing pad for plaster or hard filler compounds in drywall construction, for use with velcro backed abrasives.

Technical attributes

QTY/PKG	1
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Superfinishing pad



For glossy and high gloss surfaces for filled surfaces.

Technical attributes

Dimensions in mm	Grit	QTY/PKG	Order number
225 Ø	S 320	5	492.264
225 Ø	S 1200	5	492.272

Padded adapter for velcro paper

Order number 483.109



Technical attributes

Type	supersoft
Height	16 mm
QTY/PKG	1

Velcro system for attaching the abrasive discs. Suitable for deburring filled-in surfaces. For GE 5 / R, GSE 5 / R, GE 7, GCE 6-EC, GE MH 18.0-EC.

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Accessories

Padded adapter for velcro paper

Order number 483.117



Technical attributes

Type	hard
Height	16 mm
QTY/PKG	1

Velcro system for attachment of sanding tools. Suitable for high removal from different substrates using coarse abrasive grit. For GE 5 / R, GSE 5 / R, GE 7, GCE 6-EC, GE MH 18.0-EC.

Velcro backing pad Ø 225, round

Order number 483.486



Technical attributes

Type	supersoft
QTY/PKG	1

Supersoft. The sanding disc enables extremely gentle positioning on the wall. The set consists of a backing pad, Velcro adapter (KAD D225/16), clamping disc and screw. For GE 5 / R, GSE 5, GE 7, GCE 6-EC, GE MH 18.0-EC.

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Accessories

Carrying bag

Order number 408.867



Technical attributes

Size (W x L x H)	1560 x 320 x 360 mm
QTY/PKG	1

Light-weight and robust carrying case made of tear-resistant textile material. The Giraffe® is optimally protected by moulded foam parts (optional accessories). With internal storage space for accessories such as sanding tool, suction hose, etc. Large carrying handles facilitate carrying the case, especially up and down stairs.

Li-Ion rechargeable battery pack 18,0 V

Order number 445.886



Technical attributes

Battery capacity	2,5 Ah
Battery voltage	18,0 V
Weight	0,42 kg
QTY/PKG	1

Battery pack Li ion 18.0 V with integrated charge and discharge protection, battery charge indicator, dust and splash protection. Electronic management system (EMS) protects the battery pack, extends the service life, and increases efficiency.

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Accessories

Li-Ion rechargeable battery pack 18,0 V

Order number 445.894



Technical attributes	
Battery capacity	5,0 Ah
Battery voltage	18,0 V
Weight	0,72 kg
QTY/PKG	1

Battery pack Li ion 18.0 V with integrated charge and discharge protection, battery charge indicator, dust and splash protection. Electronic management system (EMS) protects the battery pack, extends the service life, and increases efficiency.

Rapid charger

Order number 417.882



Technical attributes	
QTY/PKG	1

For charging 10.8 and 18.0 V battery packs. With large-format LCD display for battery diagnostics and charge levels. Charging time 10,8 V approx. 40 min. for 2.5 Ah / 4.0 Ah and approx. 55 min. for 6.0 Ah batteries. Charging time 18 V: approx 40 min for 2.5 Ah and approx 45 min for 5.0 Ah. A special procedure charges 80% of the capacity after about 30 min. With integrated battery pack cooler and overheating, discharge, and overload protection.

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Accessories

Power 55 R

Order number 491.349



Set consisting of a 10.8/18.0 V rapid charger and two 5.0 Ah 18.0 V battery packs.

Technical attributes

QTY/PKG

1

Power 22 Q

Order number 491.357



Set consisting of a 18.0 V charger and two 2.5 Ah 18.0 V battery packs.

Technical attributes

QTY/PKG

1

Insert carrying case head/handle retainer

Order number 505.773



Matching insert for the GE 7, GE 5 / R, GE MH 18.0-EC for the sanding head/handle retainer in the carrying case.

Technical attributes

QTY/PKG

1

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Accessories

CordlessConnect system

Order number 512.869



Technical attributes

QTY/PKG	1
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For connecting cordless units to professional corded safety vacuum cleaners. The radio remote control is fixed to the suction hose or battery unit by means of a grid tape, the radio socket is connected to the mains cable and the vacuum cleaner is set to manual operation. The vacuum is activated via the wireless remote control at the touch of a button or automatically via the built-in vibration sensor. Set consisting of radio socket, radio remote control, long and short grid tape (23.5 / 13 cm).

Rubber grid tape for CordlessConnect system

Order number 512.885



Technical attributes

QTY/PKG	2
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Grid tape in 2 lengths (23.5 / 13 cm), for securing the radio remote control on the suction hose or cordless unit.