

**FLEX**  
Das Original

# Perfect polishing system

The FLEX range of polishers



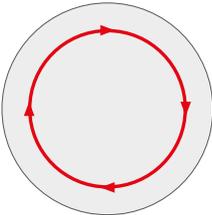
# Experience and task determine the technology needed

FLEX provides the whole range of drive technologies for polishers and thus solutions for all types of user, be they a professional or a beginner with little experience. As a matter of principle: rotary polishers belong exclusively in experienced hands because of their high removal rate and usually require subsequent finishing with a random orbital polisher.

## Drive

## Properties

### Rotary



- Highest removal rate
- Rotary polishers require experience
- Quickest way to remove scratches
- Hologram formation possible

#### Abrasiveness



#### Speed <sup>1)</sup>



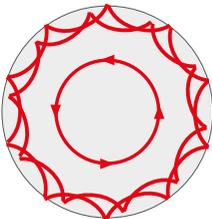
#### Holograms <sup>2)</sup>



#### Hologram removal



### Random orbital, with positive-action drive



- Good removal rate
- No hologram formation
- Ideal for removing scratches and for finishing
- Wide range of applications

#### Abrasiveness



#### Speed <sup>1)</sup>



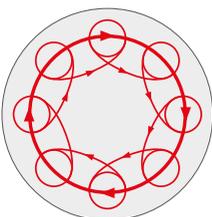
#### Holograms <sup>2)</sup>



#### Hologram removal



### Random orbital, free running



- Suitable for all types of user
- Easy handling
- No hologram formation
- Low removal rate
- Perfect for finishing

#### Abrasiveness



#### Speed <sup>1)</sup>



#### Holograms <sup>2)</sup>



#### Hologram removal



1) Time required to remove damage

2) Risk of hologram formation

# Rotary polisher

Concentrated power with high speed  
for high removal rate



## POLISHFLEX, variable-speed polisher with a high torque

**PE 14-2 150**

**Order number 373.680**



### Technical attributes

Max. polishing pad diameter	200 mm
Max. back-up pad diameter	150 mm
No load speed	380-2100 rpm
Power input	1400 watt
Power output	880 watt
Tool fixture	M 14
Size (L x H)	405x117 mm
Cable length	4,0 m
Weight	2,3 kg

### POLISHFLEX, variable-speed polisher with a high torque

- + Microprocessor electronics: stepless speed selection, tachogenerator-controlled constant speed, overload protection, re-start protection and temperature monitoring
- + Powerful 1400 watt motor with highly-efficient ventilator for optimum cooling
- + Continuous speed control trigger: for a gentle start (starting speed at setting 1 (380 rpm)) and a lock-on for continuous operation
- + Optimised air flow for optimum cooling of motor and gear. No annoying exhaust air for the user
- + Innovative combination of planetary and angular gears reduces noise to an absolute minimum
- + Flat gear head reduces distance to the surface. The machine can therefore be operated safely in any position.
- + Grip hood: ergonomically shaped with SoftGrip. The machine can be controlled with precision and is always comfortable yet secure to hold.
- + Spindle lock: It is ideally positioned to prevent operating error and does not interfere with the grip area.
- + With rubberised resting bar for safe setting down
- + 4 metres PUR H05-BQF cable: wear-resistant, flexible and highly resistant to cuts and abrasions

### Standard equipment

1 handle	252.721
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## Polisher for small areas

**PE 8-4 80**

**Order number 405.817**



### Polisher for small areas

- + VR electronic control: with tachogenerator constant speed control, soft start, overload protection and speed selection
- + Lightweight and easy-to-use on small surfaces, tight spaces
- + Spindle lock

#### Technical attributes

Max. polishing pad diameter	80 mm
Max. back-up pad diameter	75 mm
No load speed	1300-3900 rpm
Power input	800 watt
Power output	350 watt
Tool fixture	M 14
Cable length	4,0 m
Weight	1,8 kg

#### Standard equipment

1 side handle	194.034
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## Polisher with a wide speed range

### L 1503 VR

Order number 250.280



#### Polisher with a wide speed range

- + Microprocessor electronics: with tachogenerator constant speed control, soft start, overload protection and speed selection
- + With its wide speed range it is perfect for working with polishing pads from  $\varnothing$  80 mm upto max  $\varnothing$  140 mm
- + On/off switch
- + Spindle lock
- + This machine is also available in 110 V

#### Technical attributes

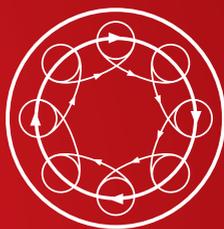
Max. polishing pad diameter	140 mm
Max. back-up pad diameter	125 mm
No load speed	1200-4900 rpm
Power input	1200 watt
Power output	700 watt
Cable length	4,0 m
Weight	1,9 kg

#### Standard equipment

1 side handle	194.034
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# Random orbital polisher, free running

Gentle to the surface and easy to operate



## Roto random orbit polisher

**XFE 7-15 150**

**Order number 418.080**



### Roto random orbit polisher

- + VR microprocessor control: with tachogenerator constant speed control, soft start, continuous speed control trigger, restart protection after power failure, overload protection, temperature monitoring and speed selection
- + Free-spinning drive for hologram-free finishing
- + 15 mm orbit for high efficiency
- + Continuous speed control trigger: for a gentle start and a lock-on for continuous operation
- + Cushioned special hook and loop pad for polishing.
- + Counterweight for smoother operation
- + Optimised air flow for optimum cooling of motor and gear. No annoying exhaust air for the user
- + Flat gear head reduces distance to the surface. The machine can therefore be operated safely in any position.
- + Grip hood: ergonomically shaped with SoftGrip. The machine can be controlled with precision and is always comfortable yet secure to hold.
- + Low heat generation on the surface makes it ideal for temperature-sensitive paints

#### Technical attributes

Max. polishing pad diameter	160 mm
Max. back-up pad diameter	150 mm
Orbit	15 mm
No load speed	1500-4500 rpm
Orbit rate, no load	3000-9000 opm
Power input	710 watt
Power output	420 watt
Cable length	4,0 m
Size (W x L x H)	370 x 40 x 140 mm
Weight	2,4 kg

#### Standard equipment

1 special velcro backing pad, 125 Ø	487.953
1 special velcro backing pad, 150 Ø	487.988

## Roto random orbit polisher for small areas

**XFE 7-12 80**

Order number 447.129



### Roto random orbit polisher for small areas

- + VR microprocessor control: with tachogenerator constant speed control, soft start, restart protection after power failure, overload protection, temperature monitoring and speed selection
- + Free-spinning drive for hologram-free finishing
- + 12 mm orbit for high efficiency
- + Cushioned special hook and loop pad for polishing.
- + Counterweight for smoother operation
- + Optimised air flow for optimum cooling of motor and gear. No annoying exhaust air for the user
- + Flat gear head reduces distance to the surface. The machine can therefore be operated safely in any position.
- + Grip hood: ergonomically shaped with SoftGrip. The machine can be controlled with precision and is always comfortable yet secure to hold.
- + With rubberised resting bar for safe setting down
- + Low heat generation on the surface makes it ideal for temperature-sensitive paints
- + Especially suitable into the spot-repair area and for difficult shapes. Ideal auxiliary for larger polishers

#### Technical attributes

Max. polishing pad diameter	80 mm
Max. back-up pad diameter	75 mm
Orbit	12 mm
No load speed	1800-5500 rpm
Orbit rate, no load	3600-10800 opm
Power input	700 watt
Power output	425 watt
Cable length	4,0 m
Size (W x L x H)	320 x 58 x 120 mm
Weight	2,1 kg

#### Standard equipment

1 special velcro backing pad, 75 Ø	454.141
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# Random orbital polisher with positive-action drive



Powerful performance with continuous motion



## Random orbital polisher with positive-action drive

**XCE 10-8 125**

Order number 418.072



Technical attributes	
Max. polishing pad diameter	160 mm
Max. back-up pad diameter	150 mm
Orbit	8 mm
No load speed	140-430 rpm
Orbit rate, no load	2900-8600 opm
Power input	1010 watt
Power output	590 watt
Cable length	4,0 m
Weight	2,6 kg

### Random orbital polisher with positive-action drive

- + VR microprocessor control: with tachogenerator constant speed control, soft start, continuous speed control trigger, restart protection after power failure, overload protection, temperature monitoring and speed selection
- + 8 mm polishing stroke, positive-action drive provides high abrasive power without creating any holograms
- + Cushioned special hook and loop pad for polishing.
- + Counterweight for smoother operation
- + Basic tool for tackling the most common surface problems through to finishing without creating any holograms
- + Flat gear head reduces distance to the surface. The machine can therefore be operated safely in any position.
- + Grip hood: ergonomically shaped with SoftGrip. The machine can be controlled with precision and is always comfortable yet secure to hold.
- + Optimised air flow for optimum cooling of motor and gear. No annoying exhaust air for the user
- + Low heat generation on the surface makes it ideal for temperature-sensitive paints

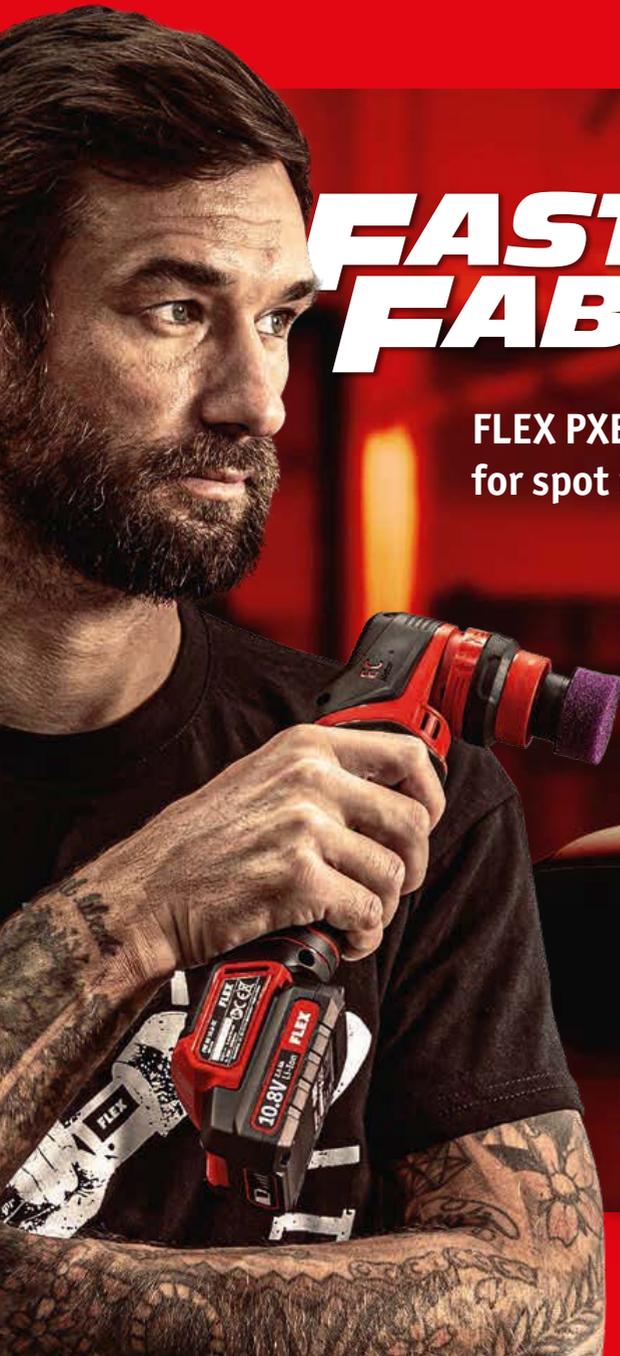
Standard equipment	
1 special velcro backing pad, 125 Ø	442.445

# FLEX

Das Original

## FAST & FABULOUS

FLEX PXE 80 – The smart choice  
for spot repairs and rework



10.8V  
Li-Ion  
PowerSystem

# Move to the next step in just one click

Rotary polisher, eccentric polisher or daisy sander: The PXE 80 can be changed over in just 10 seconds – without any tools or any stress.



10 sec.



#### Tool-free changes

Simply change over manually in 10 seconds and switch application.



#### Daisy disc grinding

The daisy disc can be used to quickly and cleanly remove incorrect and excess paintwork.



#### Multi grip

Thanks to the extended grip surface, the PXE 80 can be securely held in any part of the hand. This allows you to work with ease, just as you want.



#### Polishing

Thanks to its interchangeable drive, the PXE is ideal for highly abrasive polishing as well as removing holograms when finishing.

## The smart cordless polisher 10,8 V, rotary and random orbital free-running

### PXE 80 10.8-EC/2.5 P-Set

Order number 469.076



### The smart cordless polisher 10,8 V, rotary and random orbital free-running

- + Innovative, toll-free quick-change system for the exchange of drive types rotary and random orbital
- + For rotary and random orbital free-running work with 3 and 12 mm stroke
- + Flexible and easy as never before from spot sanding to finishing without creating any holograms with one tool
- + The ideal complement device for every vehicle finisher, varnisher and the spot repair area
- + Continuous speed control trigger: for a gentle start and a lock-on for continuous operation
- + Features constant speed control and four speed stages, Display by LED clearly visible
- + Perfect ergonomics and flexible grip options because of its ideally placed softgrip surfaces
- + Vibration optimization for smoother operation
- + Cushioned special velcro pads for polishing and grinding
- + Shock protection ring to protect surfaces
- + Brushless motor with greater efficiency and a longer service life
- + Electronic management system (EMS) protects the machine, extends the service life, and increases efficiency
- + LED battery capacity display
- + FLEX battery system: suitable for all 10,8 V battery packs

#### Technical attributes

Max. polishing pad diameter	80 mm
Max. back-up pad diameter	75 mm
Orbit	3 + 12 mm
No load speed	400-2000/-300 0/-4000/-5800 rpm
Orbit rate, no load	800-4000/-600 0/-8000/-11600 rpm
Battery voltage	10,8 V
Battery capacity	2,5 / 4,0 / 6,0 Ah
Size ( W x L x H)	265 x 65 x 95 mm
Weight without battery	0,63 kg

#### Standard equipment

1 adapter rotary DT-P	492.396
1 adapter random orbital 3 mm stroke DT-XF3	492.418
1 adapter random orbital 12 mm stroke DT-XF12	492.426
1 adhesive pad 30 Ø BP-M/SR D30 PXE	492.388
1 hook and loop backing pad 30 Ø BP-M D30 PXE	492.353
1 hook and loop backing pad 75 Ø BP-M D75 PXE	492.361
2 polishing sponges PSX-G 40	442.631
2 polishing sponges PS-V 40	442.658

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## PXE 80 10.8-EC/2.5 P-Set

Order number 469.076



### 2 polishing sponges PS-V 60

2 polishing sponges PS-V 60	492.442
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2 polishing sponges PS-O 60	492.440
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2 polishing sponges PS-R 80	434.345
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1 microfibre polishing cloth MW-C	317.098
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1 polish P03/06-LDX 250 ml	443.298
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1 polish P05/05-LDX 250 ml	443.271
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2 batteries 2.5 Ah AP 10.8/2.5	418.048
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1 charger CA 10.8/18.0	417.882
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1 carrying case L-BOXX® 136	414.085
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1 case insert	473.014
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## Unlimited potential

- Random orbital or rotational drive technology
- For all users from the professional polisher to the beginner
- For all painted surfaces in automotive, caravanning, aviation, and maritime applications
- Two exchangeable batteries for work without breaks
- For perfect results



# Cordless rotary polisher

Concentrated power with high speed  
for high removal rate



## Cordless rotary polisher 18.0 V

### PE 150 18.0-EC/5.0 Set

Order number 447.153



### Cordless rotary polisher 18.0 V

- + Electronic management system (EMS) protects the machine, extends the service life, and increases efficiency
- + Brushless motor with greater efficiency and a longer service life
- + LED battery capacity display
- + Continuous speed control trigger: for a gentle start and a lock-on for continuous operation
- + Innovative combination of planetary and angular gears reduces noise to an absolute minimum
- + Flat gear head reduces distance to the surface. The machine can therefore be operated safely in any position.
- + Grip hood: ergonomically shaped with SoftGrip. The machine can be controlled with precision and is always comfortable yet secure to hold.
- + Spindle lock: It is ideally positioned to prevent operating error and does not interfere with the grip area.
- + With rubberised resting bar for safe setting down
- + Polishes with low speed and high torque, e. g. for heat-sensitive surfaces
- + Ideal for automotive, maritime and aviation applications

#### Technical attributes

Max. polishing pad diameter	160 mm
Max. back-up pad diameter	150 mm
No load speed	150-1450 rpm
Battery voltage	18 V
Battery capacity	2,5 / 5,0 Ah
Size (L x H)	395 x 117 mm
Weight without battery	1,9 kg

#### Standard equipment

1 velcro pad 150 Ø	350.745
1 handle	252.721
2 batteries 5.0 Ah AP 18.0/5.0	445.894
1 charger CA 10.8/18.0	417.882
1 carrying case L-BOXX® 238	414.093
1 case insert	459.534



# Cordless random orbital polisher, free running

Gentle to the surface and easy to operate



## Cordless roto random orbit polisher 18,0 V

### XFE 15 150 18.0-EC/5.0 Set

Order number 418.099



### Cordless roto random orbit polisher 18,0 V

- + Electronic management system (EMS) protects the machine, extends the service life, and increases efficiency
- + Brushless motor with greater efficiency and a longer service life
- + LED battery capacity display
- + Free-spinning drive for hologram-free finishing
- + 15 mm orbit for high efficiency
- + Continuous speed control trigger: for a gentle start and a lock-on for continuous operation
- + Cushioned special hook and loop pad for polishing.
- + Counterweight for smoother operation
- + Flat gear head reduces distance to the surface. The machine can therefore be operated safely in any position.
- + Grip hood: ergonomically shaped with SoftGrip. The machine can be controlled with precision and is always comfortable yet secure to hold.
- + Low heat generation on the surface makes it ideal for temperature-sensitive paints
- + FLEX battery system: suitable for all 18,0 V battery packs

#### Technical attributes

Max. polishing pad diameter	160 mm
Max. back-up pad diameter	150 mm
Orbit	15 mm
No load speed	2300-3800 rpm
Orbit rate, no load	4600-7600 opm
Battery voltage	18 V
Battery capacity	2,5 / 5,0 Ah
Size (W x L x H)	370 x 85 x 140 mm
Weight without battery	2,1 kg

#### Standard equipment

1 special velcro backing pad, 125 Ø	487.953
1 special velcro backing pad, 150 Ø	487.988
2 batteries 5.0 Ah AP 18.0/5.0	445.894
1 charger CA 10.8/18.0	417.882
1 case insert	459.526
1 carrying case L-BOXX® 238	414.093



# Cordless random orbital polisher with positive-action drive

Powerful performance with continuous motion



## Cordless random orbital polisher with positive-action drive 18.0 V

**XCE 8 125 18.0-EC/5.0 Set**

Order number 438.413



Technical attributes	
Max. polishing pad diameter	160 mm
Max. back-up pad diameter	150 mm
Orbit	8 mm
No load speed	280-430 rpm
Orbit rate, no load	4600-7600 opm
Battery voltage	18 V
Battery capacity	2,5 / 5,0 Ah
Weight without battery	2,1 kg

### Cordless random orbital polisher with positive-action drive 18.0 V

- + Electronic management system (EMS) protects the machine, extends the service life, and increases efficiency
- + Brushless motor with greater efficiency and a longer service life
- + LED battery capacity display
- + 8 mm polishing stroke, positive-action drive provides high abrasive power without creating any holograms
- + Cushioned special hook and loop pad for polishing.
- + Counterweight for smoother operation
- + Ideal for tackling the most common surface problems through to finishing without creating any holograms
- + Flat gear head reduces distance to the surface. The machine can therefore be operated safely in any position.
- + Grip hood: ergonomically shaped with SoftGrip. The machine can be controlled with precision and is always comfortable yet secure to hold.
- + Optimised air flow for optimum cooling of motor and gear. No annoying exhaust air for the user
- + Low heat generation on the surface makes it ideal for temperature-sensitive paints

Standard equipment	
1 special velcro backing pad, 125 Ø	442.445
2 batteries 5.0 Ah AP 18.0/5.0	445.894
1 charger CA 10.8/18.0	417.882
1 carrying case L-BOXX® 238	414.093
1 case insert	459.526

# 18V Cordless Tools & Accessories



## LED cordless high CRI-value full-spectrum light 10.8 / 18.0 V

**DWL 2500 10.8/18.0**

Order number 486.728



### LED cordless high CRI-value full-spectrum light 10.8 / 18.0 V

- + Powerful LED full-spectrum light with max. 3000 lumen and extremely long runtime of up to 30 hours (300 lmn)
- + With Bluetooth app for lighting control for up to 4 lights and brightness setting in 5 stages
- + The all-daylight function allows colour temperature settings in 5 stages between 2500 K - 6500 K for accurate adjustment to the respective job requirements.
- + Ideal for checking the paint surface, determining colour and detecting paint flaws, holograms, scratches
- + Integrated power bank, USB port and charger for smartphones, tablets
- + Rugged and long-life for heavy-duty use
- + Connection thread for tripods
- + LED battery capacity display
- + FLEX battery system: suitable for all 10,8 V and 18,0 V battery packs. Delivery does not include battery and charger

Technical attributes	
Battery voltage	10,8 / 18 V
Battery capacity	2,5 / 4,0 / 5,0 / 6,0 Ah
Luminous flux	300 - 3000 lm
Colour temperature	2500 - 6500 CCT
Colour reproduction index	RA ≥ 96 CRI
International Protection (without battery)	IP 67
International Protection (with battery)	IP 20
Size ( W x L x H )	240 x 230 x 104 mm
Weight without battery	1,863 kg

## Cordless blower 18.0 V

### BW 18.0-EC

Order number 472.913



#### Technical attributes

Battery voltage	18 V
Battery capacity	2,5 / 5,0 Ah
No load speed	10600 / 14200 / 18000 rpm
Max. air speed	80 m/sec
Max. air flow rate	3,11 m <sup>3</sup> /min
Weight without battery	1,2 kg

#### Standard equipment

3 nozzles	3 pieces
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### Cordless blower 18.0 V

- + Electronic management system (EMS) protects the machine, extends the service life, and increases efficiency
- + Brushless motor with greater efficiency and a longer service life
- + Air volume regulation on 3 levels
- + Compact, handy, lightweight design
- + Ergonomically shaped soft handle with on/off switch and lock for continuous operation
- + Ideal for hard to reach places
- + Space-saving storage thanks to removable blow tube and nozzle
- + With adaptor and matching reduction nozzles to inflate e.g. air beds
- + LED battery capacity display
- + FLEX battery system: suitable for all 18,0 V battery packs. Delivery does not include battery and charger

## Compact vacuum cleaner with manual filter cleaning, 6 l, class L

### VC 6 L MC 18.0

Order number 481.491



#### Compact vacuum cleaner with manual filter cleaning, 6 l, class L

- + Very compact, handy and light vacuum cleaner with carrying strap for mobile use. The compact design means it fits in all vehicles
- + The high-performance turbine ensures both a high suction capacity and a high vacuum. The outcome is an excellent extraction result
- + By actuating manual filter cleaning, dust deposited in the filter element is removed by a targeted blast of air.
- + Flat-fold filter for optimised cleaning and improved container filling.
- + Accessories can be stowed due to integrated brackets on the suction head
- + With 32 mm diameter compact hose with a length of 0.5 m can be extended to 2.5 m. Very handy, for easy transport of the vacuum cleaner.
- + Easy-to-fit running gear available as an accessory
- + Powerful vacuum cleaner for professional use in final assembly, automotive cleaning etc. FLEX power tools can be connected with ease using the FLEX clip system for extraction work.
- + Optimised for cleaning work in offices, storage rooms, workshops and vehicles
- + Eco mode, extends the battery runtime to up to 30 minutes with a max. vacuum of 12 000 Pa
- + FLEX battery system: suitable for all 18,0 V battery packs. Delivery does not include battery and charger

#### Technical attributes

Battery voltage	18 V
Battery capacity	2,5 / 5,0 Ah
Max. volume flow	1400 l/min
Max. vacuum	12000 Pa
Filter surface	3000 cm <sup>2</sup>
Container volume	6 l
Size ( W x L x H)	240 x 200 x 400 mm
Weight including accessories, w/o battery	3,3 kg

#### Standard equipment

1 suction hose 32 mm Ø x 0,5-2,5 m	487.295
1 flat-fold filter class L	488.151
1 fleece filter bag class L	487.287
1 hand pipe	487.198
1 crevice nozzle	487.201
1 round brush	487.228
1 upholstery nozzle	487.236
1 polstered shoulder strap	487.244

## Digital 10.8 / 18.0 V cordless radio for the construction site

**RD 10.8/18.0/230**

Order number 484.857



### Digital 10.8 / 18.0 V cordless radio for the construction site

- + Robust construction site radio, for receiving DAB+ and FM
- + Loudspeaker output of 2 x 10 W and bass boost for outstanding sound quality
- + With illuminated LCD , colour LED fluorescent strip, digital clock, fold-in antenna
- + With integrated Bluetooth® technology, with AUX input, USB port and charger for smartphones, tablets
- + Automatic station search and 5 memory spaces
- + LED battery capacity display
- + FLEX battery system: suitable for all 10,8 V and 18,0 V battery packs. Delivery does not include battery and charger

#### Technical attributes

Battery voltage	10,8 / 18 V
Battery capacity	2,5 / 4,0 / 5,0 / 6,0 Ah
Mains voltage V / frequency Hz	230 V / 50+60 Hz
DAB+ frequency	174.928 - 239.200 MHz
FM frequency	87.5 - 108 MHz
Loudspeaker output	2 x 10 watt
Connection thread	5/8"
International Protection	IP 64
Size (W x L x H)	369 x 212 x 201 mm
Weight without battery	4,3 kg

#### Standard equipment

1 power supply unit 230 V 50/60 Hz	496.189
1 AUX cable	1 piece

## Cordless fan 18.0 V

**CF 18.0/230**

Order number 503.002



### Cordless fan 18.0 V

- + Electronic management system (EMS) protects the machine, extends the service life, and increases efficiency
- + Stepless air volume regulation
- + Flexible use thanks to a hook, a 1/4" and 5/8" mount and a head that can be swivelled through 180°
- + Can be operated with a 18.0 V battery or via the 230 V power supply unit
- + LED battery capacity display
- + FLEX battery system: suitable for all 18,0 V battery packs. Delivery does not include battery and charger

#### Technical attributes

Battery voltage	18 V
Battery capacity	2,5 / 5,0 Ah
No load speed	2900 rpm
Max. air flow rate	13 m <sup>3</sup> /min
Mains voltage V / frequency Hz	230 V / 50+60 Hz
Connection thread	5/8"
Size (W x L x H)	213 x 304 x 400 mm
Weight without battery	2,5 kg

#### Standard equipment

1 power supply unit 230 V 50/60 Hz	1 piece
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## Cordless impact drill 18,0 V

### IW 1/2" 18.0-EC/5.0 Set

Order number 504.912



#### Cordless impact drill 18,0 V

- + Electronic management system (EMS) protects the machine, extends the service life, and increases efficiency
- + Brushless motor with greater efficiency and a longer service life
- + Accelerator trigger with lock-off switch
- + Electronic quick-acting brake
- + Robust gearbox housing made of die-cast aluminium with protective cap
- + Right/left rotation with safety catch
- + Speed Command: three different speed settings for a variety of applications. Prevents, among others, over tightening of small screws
- + Impact Control for the perfect positioning of screws
- + Tool holder square drive for 1/2" impact sockets.
- + Ergonomically designed, non-slip, soft grip handle
- + Integrated LED lamp with persistence function
- + LED battery capacity display
- + Including belt clip and bit storage
- + FLEX battery system: suitable for all 18,0 V battery packs

#### Technical attributes

Battery voltage	18 V
Battery capacity	2,5 / 5,0 Ah
Max. torque	250 Nm
Torque positions	3 (140 / 170 / 250 Nm)
No load speed	600-2500 rpm
Blows per minute	3300 bpm
Tool fixture	1/2"
Size (W x L x H)	140 x 75 x 240 mm
Weight without battery	1,1 kg

#### Standard equipment

1 belt clip	430.714
1 bit storage	430.862
2 batteries 5.0 Ah AP 18.0/5.0	445.894
1 charger CA 10.8/18.0	417.882
1 carrying case L-BOXX® 136	414.085
1 case insert	423.238

## Cordless impact drill 18,0 V

### IW 3/4" 18.0-EC/5.0 Set

Order number 492.647



#### Cordless impact drill 18,0 V

- + Electronic management system (EMS) protects the machine, extends the service life, and increases efficiency
- + Brushless motor with greater efficiency and a longer service life
- + Electronic quick-acting brake
- + Variable speed control
- + Accelerator trigger with lock-off switch
- + Robust gearbox housing made of die-cast aluminium
- + Powerful impact mechanism for maximum performance enables for example stuck or rusted screw connections to be loosened even in extreme applications
- + Tool holder square drive for 3/4" impact sockets
- + Damping element separates hand grip from motor, bringing significant reduction in vibration transmission
- + Ergonomically designed, non-slip, soft grip handle
- + Integrated LED lamp with persistence function
- + LED battery capacity display
- + FLEX battery system: suitable for all 18,0 V battery packs

#### Technical attributes

Battery voltage	18 V
Battery capacity	2,5 / 5,0 Ah
Max. torque	1060 Nm
Torque positions	3 (300 / 590 / 1060 Nm)
Loosening torque	1680 Nm
No load speed	0-900 / 1000 / 1700 rpm
Blows per minute	0-1800 / 2000 / 2200 bpm
Tool fixture	3/4"
Size (W x L x H)	230 x 82 x 238 mm
Weight without battery	3,3 kg

#### Standard equipment

2 batteries 5.0 Ah AP 18.0/5.0	445.894
1 charger CA 10.8/18.0	417.882
1 carrying case L-BOXX® 136	414.085
1 case insert	1 piece

## 2-speed cordless percussion drill 18,0 V

### PD 2G 18.0-EC/5.0 Set

Order number 504.904



#### 2-speed cordless percussion drill 18,0 V

- + Electronic management system (EMS) protects the machine, extends the service life, and increases efficiency
- + Brushless motor with greater efficiency and a longer service life
- + Accelerator trigger with lock-off switch
- + Electronic quick-acting brake
- + Robust gearbox housing made of die-cast aluminium
- + Metal quick-clamp chuck with thrust ring and auto lock function
- + Right/left rotation with safety catch
- + Ergonomically designed, non-slip, soft grip handle
- + Integrated LED lamp with persistence function
- + LED battery capacity display
- + Including attachable auxiliary handle, belt clip and bit storage
- + FLEX battery system: suitable for all 18,0 V battery packs

#### Technical attributes

Battery voltage	18 V
Battery capacity	2,5 / 5,0 Ah
Max soft/hard torque	56 / 90 Nm
Torque positions	24+1
No load speed 1st gear	0-600 rpm
No load speed 2nd gear	0-2300 rpm
Blows per minute	9600-37000 bpm
Chuck Ø	1,5 - 13 mm
Max. drill hole Ø in steel	13 mm
Max. drill hole Ø masonry	16 mm
Max. drill hole Ø in wood	60 mm
Size (W x L x H)	212 x 75 x 201 mm
Weight without battery	1,6 kg

#### Standard equipment

1 handle	428.698
1 belt clip	430.714
1 bit holder	453.994
1 bit storage	430.862
2 batteries 5.0 Ah AP 18.0/5.0	445.894
1 charger CA 10.8/18.0	417.882
1 carrying case L-BOXX® 136	414.085
1 case insert	454.125

# Strong performance with system

Polish and pad play a crucial role in the polishing process. FLEX therefore provides a perfectly coordinated system with an optimum range of sponges for every application: simply use the correct colour to successfully achieve your goal.



**Abrasive paste P 05/05-LDX**

**High removal rate with maximum sheen**

The universal high-performance abrasive paste removes P1500 grit abrasion marks in seconds.

- Suitable for all types of paint
- Contains no wax, silicone, or odorous solvents
- For use with rotary and random orbital polishers
- Abrasiveness 5 / gloss level 5

Part no.

443.271



**Special polish P 03/06-LDX**

**Scratch removal with a deep sheen**

Ideal for polishing P2000 grit abrasion marks and for reviving old paintwork.

- Suitable for all types of paint
- Low-dust and silicone-free polish
- For single-stage random orbital polishing or rotary polishing
- Abrasiveness 3 / gloss level 6

Part no.

443.298



**Sealant W 02/04**

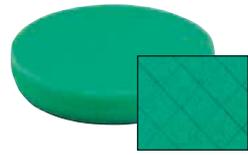
**Liquid preservation**

Perfect paintwork protection with Carnauba wax

- For new or freshly polished paintwork
- Can be painted over
- Contains no abrasive particles
- Protects, cares for and maintains high sheen
- Can be applied with the red manual applicator sponge or with the orange sponge and a polisher.
- Protective effect 2 / smoothness 4

Part no.

443.301



## Sponge types

### Green sponge – PSX-G

A very hard, reticulated foam with an innovative X-Cut surface that guarantees a uniform and very high removal rate even when used with the random orbital polisher. The X-Cut texture also reduces heat generation. The foam is heat resistant, tear resistant, and has a very good service life.

#### Cutting Power



#### Part Ø sizes

#### Part no.

#### Price excl. VAT

PSX-G 40 VE2	442.631	€ 6.50
PSX-G 80 VE2	434.264	€ 8.50
PSX-G 140	434.272	€ 11.40
PSX-G 160	434.280	€ 14.30
PSX-G 200	434.299	€ 16.90

### Violet sponge – PS-V

A hard, reticulated foam for optimum cooling and a uniform and high removal rate. It is slightly less abrasive than the green sponge PSX-G and is ideal for fresh coats of paint. The foam is heat resistant, tear resistant and has a good service life.

#### Cutting Power



#### Part Ø sizes

#### Part no.

#### Price excl. VAT

PS-V 40 VE2	442.658	€ 6.50
PS-V 80 VE2	434.442	€ 8.50
PS-V 140	434.450	€ 11.40
PS-V 160	434.469	€ 14.30
PS-V 200	436.410	€ 16.90

### Orange sponge – PS-O

A medium-hard, reticulated foam with a fine foam texture. It is heat resistant, very tear resistant and has a good service life.

#### Cutting Power



#### Part Ø sizes

#### Part no.

#### Price excl. VAT

PS-O 40 VE2	442.666	€ 6.50
PS-O 80 VE2	434.302	€ 8.50
PS-O 140	434.310	€ 11.40
PS-O 160	434.329	€ 14.30
PS-O 200	434.337	€ 16.90

### Red sponge – PS-R

A very soft, reticulated foam with a fine foam texture. It has a special PerfectTouch sandwich structure with an additional, firmer, white foam layer which gives the pad greater rigidity. This special structure also increases the service life of the polishing pad.

#### Cutting Power



#### Part Ø sizes

#### Part no.

#### Price excl. VAT

PS-R 40 VE2	442.674	€ 6.50
PS-R 80 VE2	434.345	€ 8.50
PS-R 140	434.353	€ 11.40
PS-R 160	434.361	€ 14.30
PS-R 200	434.426	€ 16.90

### Blue sponge – Microfibre polishing pad MC-PT 160

Especially for random orbital polishers, particularly those with a free-running pad. With these tools, a microfibre pad is more effective than a standard wool pad for heavy cutting work. The microfibre pad is also equipped with the tried and tested PerfectTouch sandwich surface. This ensures good pressure distribution without softening the orbital movement.

#### Cutting Power



#### Part Ø sizes

#### Part no.

#### Price excl. VAT

MC-PT 160	434.434	€ 12.90
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### White pad – Wool polishing pad TW-PT

The TopWool pad is made of 90% natural wool and 10% polyester. This combination produces a better service life and more volume. The special PerfectTouch structure with the additional orange foam layer gives the pad gentle cushioning and greater rigidity.

#### Cutting Power



#### Part Ø sizes

#### Part no.

#### Price excl. VAT

TW-PT 80	420.484	€ 5.90
TW-PT 140	376.515	€ 14.90
TW-PT 160	376.523	€ 17.40

### Small red sponge – manual application sponge PUK-R 130

This sponge has an ergonomic shape and a very soft, reticulated foam with a fine foam texture. It is perfect for the manual application of sealants and care products to painted and plastic surfaces. An ideal supplement for difficult to reach places or sensitive surfaces that are difficult to treat with a tool, for example.

#### Cutting Power



#### Part Ø sizes

#### Part no.

#### Price excl. VAT

PUK-R 130	442.682	€ 8.50
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# The right choice

FLEX gives you a clear overview.  
So that application, tool and accessories produce  
the perfect result.



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Rotary



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Random orbital,  
with positive-  
action drive



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Random orbital,  
free running



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Rotary



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Random orbital,  
with positive-  
action drive

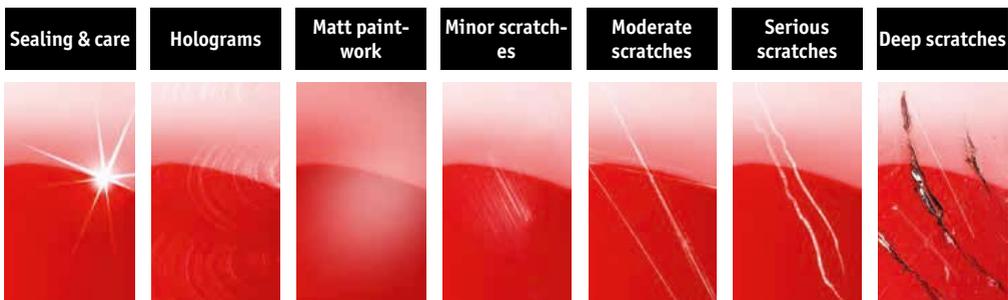


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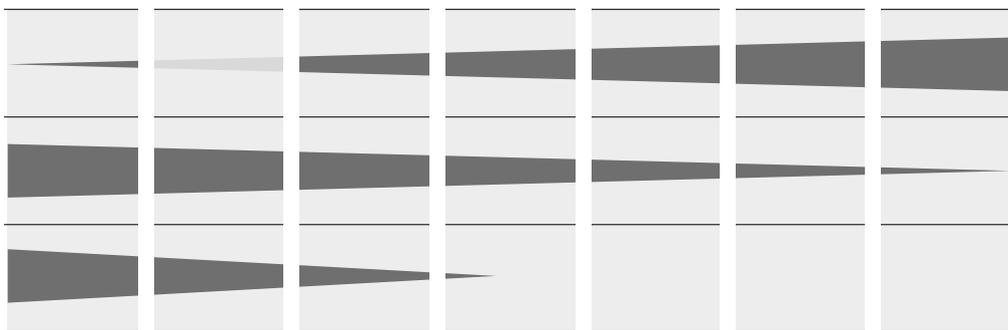
Random orbital,  
free running



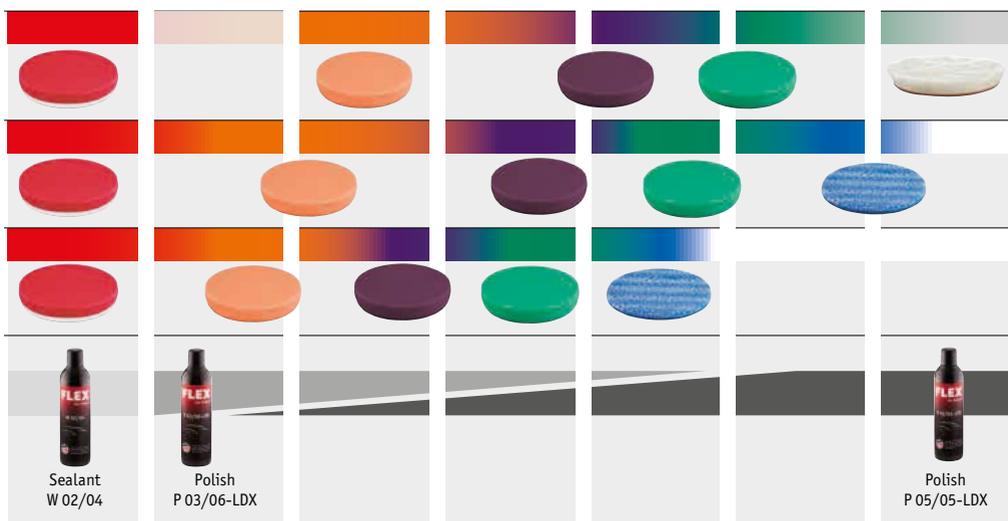
# Damage



# Fields of application of the drive types



# Fields of application of the pads and polishes



# Accessories

Suitability	Description	Part	Dimension	QTY/ PKG	Order No.
<b>Velcro backing pad, cushioned, M14</b>					
 	12 mm foam rubber ensures uniform pressure distribution during abrasion, polishing and sealing.	BP-M D35 M14	Ø 35 mm	1	446.254
		BP-M D75 M14	Ø 75 mm	1	420.492
		BP-M D115 M14	Ø 115 mm	1	240.311
		BP-M D125 M14	Ø 125 mm	1	350.737
		BP-M D150 M14	Ø 150 mm	1	350.745
<b>Adapter for BP-M D35 M14</b>					
 	This adapter in combination with the Velcro backing pad BP-M D35 M14 (part no. 446.254) and the 40mm Ø polishing sponges is useful when polishing difficult to reach places. The 40-mm-long aluminium adapter has an M 14 female thread (for the tool) and an M 14 male thread (Velcro backing pad connection).	EXS M14 Set		1	458.813
<b>Special Velcro pad, cushioned</b>					
 	Cushioned Velcro pad, 10 mm PU medium hardness. The special pad mount means the pad can only be used with the XFE 7-15 150.	BP-M D150 XFE/XCE	Ø 150 mm	1	437.077
		BP-M D125 XFE/XCE	Ø 125 mm	1	442.445
<b>Velcro backing pad with gear wheel, cushioned</b>					
 	Cushioned special Velcro backing pad for polishing. The special pad mounts for this backing pad mean it can only be used with the XC 3401 VRG.	BP-M D115 XC	Ø 115 mm	1	386.715
		BP-M D140 XC	Ø 140 mm	1	342.637
<b>Special Velcro backing pad, cushioned</b>					
 	Cushioned Velcro backing pad, 10mm PU medium hardness. The special pad mount for this backing pad means it can only be used with the XFE 7-12 80.	BP-M D75 XFE 7-12	Ø 75 mm	1	454.141
<b>Microfibre polishing cloths</b>					
	<b>Classic microfibre polishing cloth</b> Seamless, washable. For the careful removal of polishing and sealing residues. Produces a perfect surface finish and brilliant deep sheen.	MW-C	400 x 400 mm	1	317.098
	<b>Premium microfibre polishing cloth</b> The pile is very long and soft for the reliable and very gentle absorption of residues. This makes the microfibre cloth perfect for giving the paintwork the best possible finish. It can also be used for washing the car. Long service life, machine washable (do not use fabric softener).	MW-P	400 x 400 mm	1	376.531
<b>Battery accessories</b>					
	<b>Li-Ion rechargeable battery pack 18.0 V 2.5Ah and 5.0Ah</b> 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.	AP 18.0 V 2.5 Ah		1	445.886
		AP 18.0 V 5.0 Ah		1	445.894
	<b>Battery charger for 10.8 or 18V</b> 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. Charging time 18 V: approx 40 min for 2.5 Ah and approx 45 min for 5.0 Ah.	CA 10.8/18.0		1	417.882
<b>Carrying bag for polisher</b>					
	Practical mobile carry bag offers lots of room for machine and accessories, with various pockets.	TB-L	460 x 260 x 300 mm	1	333.573
<b>Swirl finder pocket light</b>					
	LED light for easy control of surface conditions. Due to the colour temperature and reproduction, surface damage such as holograms, scratches etc. become better visible. Light intensity 140 lumens and adjustable focus with a beam angle of 10°-70°, lighting time approx. 2 hours incl. batteries.	SF 150-P	190 x 58 x 43 mm	1	463.302



**FLEX**  
Das Original

# Shine with FLEX



Authorised Dealer

**NeuCo**  
Power Tools

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