

FLEX-Elektrowerkzeuge GmbH

Bahnhofstrasse 15
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FLEX

Polishers

PE 14-1 180

Order no. 395.749



| Technical attributes | PE 14-1 180 |
|-----------------------------|--------------|
| Max. polishing pad diameter | 250 mm |
| Max. back-up pad diameter | 180 mm |
| No load speed | 250-1350 rpm |
| Power input | 1400 watt |
| Power output | 880 watt |
| Tool fixture | M 14 |
| Size (L x H) | 402x117 mm |
| Weight | 2,3 kg |

Polisher with high torque for processing large painted surfaces

- VR electronic control: stepless speed selection, tachogenerator-controlled constant speed, overload protection, re-start inhibit 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 (250 rpm)) and a lock-on for continuous operation.
- Optimised air ducting 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
- Especially for processing large horizontal and vertical areas. For the automotive, maritime and aviation areas
- Polishes at extremely low revolutions and high torque, e.g. for heat-sensitive surfaces
- 4 metres PUR H05-BQF cable: wear-resistant, flexible and highly resistant to cuts and abrasions

Standard equipment

1 handle

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Accessories

Polishing fleece



Traditional frisbee-shaped polishing fleece made of 100% natural wool. With its large diameter and frisbee shape this polishing fleece is perfect for processing large areas in the maritime and aviation areas. For high polishing effect in conjunction with the fine polishing compound.

| Dimensions in mm: | QTY/PKG: | Order no. |
|----------------------|----------|-----------|
|----------------------|----------|-----------|

| | | |
|-------|---|---------|
| 230 Ø | 1 | 398.632 |
|-------|---|---------|

Polishing sponge



Sponge with medium-hard and coarse foam structure. The large diameter and the frisbee shape is perfect for large areas, e.g. in the maritime and aviation areas. Particularly suitable for weathered and mat paintwork, in conjunction with the fine polishing compound.

| Dimensions in mm: | QTY/PKG: | Order no. |
|----------------------|----------|-----------|
|----------------------|----------|-----------|

| | | |
|------------|---|---------|
| 220 Ø x 20 | 1 | 256.908 |
|------------|---|---------|

Velcro sponge, white (soft)



Sponge with medium-hard and fine foam structure. The large diameter and the frisbee shape is perfect for large areas, e.g. in the maritime and aviation areas. Particularly suitable for removing minor signs of use and streaks in conjunction with the fine polishing compound.

| Dimensions in mm: | QTY/PKG: | Order no. |
|----------------------|----------|-----------|
|----------------------|----------|-----------|

| | | |
|------------|---|---------|
| 220 Ø x 30 | 1 | 256.909 |
|------------|---|---------|

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Polishers

Microfibre polishing cloth, classic



Seamless, washable. For gentle removing polishing and sealing residues. For a perfect surface finish and brilliant deep gloss.

| Dimensions | QTY/PKG: | Order no. |
|------------|----------|-----------|
|------------|----------|-----------|

in mm:

| | | |
|-----------|---|---------|
| 400 x 400 | 1 | 317.098 |
|-----------|---|---------|

Microfibre polishing cloth, premium



Thanks to the very high soft pile, residues can be picked up reliably and gently. This is what makes the microfibre cloth ideal for an optimum paint finish. It can also be used for car wash purposes. Long service life, washing machine safe (without softener).

| Dimensions | QTY/PKG: | Order no. |
|------------|----------|-----------|
|------------|----------|-----------|

in mm:

| | | |
|-----------|---|---------|
| 400 x 400 | 1 | 376.531 |
|-----------|---|---------|

Velcro backing M 14



Elastic backing pad with velcro cover.

| Dimensions | Type: | QTY/PKG: | Order no. |
|------------|-------|----------|-----------|
|------------|-------|----------|-----------|

in mm:

| | | | |
|-------|-------------|---|---------|
| 125 Ø | Velcro bowl | 1 | 231.983 |
|-------|-------------|---|---------|

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Velcro pad, cushioned M 14



12 mm cell rubber for even pressure distribution for grinding, polishing or sealing.

| Dimensions | QTY/PKG: | Order no. |
|------------|----------|-----------|
| in mm: | | |

| | | |
|-------|---|---------|
| 125 Ø | 1 | 350.737 |
|-------|---|---------|

| | | |
|-------|---|---------|
| 150 Ø | 1 | 350.745 |
|-------|---|---------|

Polishing sponge, blue



Sponge of a medium-hard, coarse foam structure and high resistance to tearing. With setback velour for assured polishing and as a centering aid. Particularly for weathered, dull paints and for scratches in combination with the fine polishing compound.

| Dimensions | QTY/PKG: | Order no. |
|------------|----------|-----------|
| in mm: | | |

| | | |
|------------|---|---------|
| 140 Ø x 30 | 1 | 376.388 |
|------------|---|---------|

| | | |
|------------|---|---------|
| 160 Ø x 30 | 1 | 376.396 |
|------------|---|---------|

| | | |
|------------|---|---------|
| 200 Ø x 30 | 1 | 376.418 |
|------------|---|---------|

Polishing sponge, white



Sponge of a medium-hard, fine foam structure and highly resistant to tearing. With setback velour for assured polishing and as a centering aid. Particularly for removing minor traces of wear and streaks in combination with the fine polishing compound.

| Dimensions | QTY/PKG: | Order no. |
|------------|----------|-----------|
| in mm: | | |

| | | |
|------------|---|---------|
| 140 Ø x 30 | 1 | 376.426 |
|------------|---|---------|

| | | |
|------------|---|---------|
| 160 Ø x 30 | 1 | 376.434 |
|------------|---|---------|

| | | |
|------------|---|---------|
| 200 Ø x 30 | 1 | 376.442 |
|------------|---|---------|

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Polishing sponge, black



Sponge of an extremely soft and fine foam structure. With setback velour for assured polishing and as a centering aid. Ideally suited - together with the fine polishing compound - for removing holograms and also for paint care and sealing in combination with the high-gloss polish.

| Dimensions | QTY/PKG: | Order no. |
|------------|----------|-----------|
|------------|----------|-----------|

in mm:

| | | |
|------------|---|---------|
| 140 Ø x 30 | 1 | 376.450 |
| 160 Ø x 30 | 1 | 376.469 |
| 200 Ø x 30 | 1 | 376.477 |

Polishing sponge wafer, black



Wafer sponge of an extremely soft and fine foam structure. The special PerfectTouch sandwich design and extra firm white foam layer give the pad much more stiffness and it does not compress so easily. As a result, holograms and micro-scratches, in particular, can be more efficiently and reliably removed. The special design also extends the service life of the polishing disc. With setback velour for assured polishing and as a centering aid. Ideally suited - together with the fine polishing compound - for removing holograms and also for paint care and sealing in combination with the high-gloss polish.

| Dimensions | QTY/PKG: | Order no. |
|------------|----------|-----------|
|------------|----------|-----------|

in mm:

| | | |
|------------|---|---------|
| 140 Ø x 30 | 1 | 376.485 |
| 160 Ø x 30 | 1 | 376.493 |
| 200 Ø x 30 | 1 | 376.507 |

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Velcro backed, classic



The pad consists of 90 % lambswool and 10 % polyester. This composition provides for more stability and volume. For great polishing effect in combination with the fine polishing compound.

| Dimensions | QTY/PKG: | Order no. |
|------------|----------|-----------|
| in mm: | | |

| | | |
|-------|---|---------|
| 150 Ø | 1 | 342.521 |
|-------|---|---------|

| | | |
|-------|---|---------|
| 200 Ø | 1 | 350.265 |
|-------|---|---------|

Polishing lambswool, premium



Polishing lambswool consisting of 90% natural wool and 10% polyester. This combination provides for longer service life and greater volume. And it can remove sanding scratches, for example, 30% faster than with using a sponge. Ideal for UV paints and the latest generation of scratch-resistant paints. For a great polishing effect in combination with the fine polishing compound. The special PerfectTouch sandwich design and extra orange foam layer gives the pad that slight degree of cushioning and much greater stiffness. This allows for a perfect surface contact even in problem areas and an optimal and exact guiding.

| Dimensions | QTY/PKG: | Order no. |
|------------|----------|-----------|
| in mm: | | |

| | | |
|-------|---|---------|
| 140 Ø | 1 | 376.515 |
|-------|---|---------|

| | | |
|-------|---|---------|
| 160 Ø | 1 | 376.523 |
|-------|---|---------|

Flexible backing pad



Backing pad from cellular rubber with rounded edges, for lambswool bonnet. Ensures for even pressure when polishing. M14 thread.

| Dimensions | QTY/PKG: | Order no. |
|------------|----------|-----------|
| in mm: | | |

| | | |
|-------|---|---------|
| 175 Ø | 1 | 123.862 |
|-------|---|---------|

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Backed fleece



Fibre-back and M 14 threaded flange for removing scratches in glass, stainless steel, acrylic and high-gloss polishing of stainless steel. Use only with the respective polishing mediums.

| Dimensions | QTY/PKG: | Order no. |
|------------|----------|-----------|
|------------|----------|-----------|

| | | |
|--------|--|--|
| in mm: | | |
|--------|--|--|

| | | |
|-------|---|---------|
| 125 Ø | 1 | 122.726 |
|-------|---|---------|

| | | |
|-------|---|---------|
| 175 Ø | 1 | 122.734 |
|-------|---|---------|

Spare fleece



With fiber backing.

| Dimensions | QTY/PKG: | Order no. |
|------------|----------|-----------|
|------------|----------|-----------|

| | | |
|--------|--|--|
| in mm: | | |
|--------|--|--|

| | | |
|-------|---|---------|
| 125 Ø | 1 | 122.742 |
|-------|---|---------|

| | | |
|-------|---|---------|
| 175 Ø | 1 | 122.750 |
|-------|---|---------|

Carry bag for polisher



Practical mobile carry bag offer lots of room for machine and accessories, with variable pockets.

| QTY/PKG: | Order no. |
|----------|-----------|
|----------|-----------|

| | |
|---|---------|
| 1 | 333.573 |
|---|---------|

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SoftVib side handle



SoftVib handle with vibration cushioning, significantly reducing the vibration transmitted to hands and arms and reducing the risk of vibration-related injury to the operator.

| Type: | QTY/PKG: | Order no. |
|-------|----------|-----------|
| M 14 | 1 | 325.384 |

Carry case



Without insert. For the machines PE 14-2 150, PE 14-3 125, PE 14-1 180, L 1503 VR and XC 3401 VRG and extensive range of accessories.

| Size (W x L x QTY/PKG: H): | Order no. |
|--------------------------------|-----------|
| 528 x 368 x 125/65 1 | 377.198 |

Case insert - lid

Matching insert for sponges/lambswool Ø 160/200, microfibre cloths and polish for the lid of the carry case 377.198.

| QTY/PKG: | Order no. |
|----------|-----------|
| 1 | 377.201 |

Case insert - bottom

Matching insert for machine and Velcro backing pad, sponges/lambswool Ø 140 and other accessories for the bottom of carry case 377.198.

| QTY/PKG: | Order no. |
|----------|-----------|
| 1 | 377.228 |

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Polishing compound



Silicone-free fine polishing compound with high removal and medium gloss level. For the removal of e.g. trapped dust, paint mist, sanding marks in conjunction with the lambswool. In combination with the appropriate sponge ideally suited for removing signs of use, restoring weathered paintwork and eliminating holograms.

| Contents: | QTY/PKG: | Order no. |
|-----------|----------|-----------|
|-----------|----------|-----------|

| | | |
|--------|---|---------|
| 250 ml | 1 | 403.369 |
|--------|---|---------|

High-gloss polish



Silicone-free high-gloss polish with very low dust generation. For polishing new to matt and lightly scratched paintwork. On account of the new nano sanding tool also ideal for scratch-resistant paintwork. Paintwork will have a perfect finish if it was pretreated with the abrasive polish P 05/04-LD.

| Contents: | QTY/PKG: | Order no. |
|-----------|----------|-----------|
|-----------|----------|-----------|

| | | |
|--------|---|---------|
| 250 ml | 1 | 403.377 |
|--------|---|---------|