

FLEX-Elektrowerkzeuge GmbH

Bahnhofstrasse 15

71711 Steinheim

Phone +49 7144 828-0

Fax +49 7144 25899

info@flex-tools.com

www.flex-tools.com

FLEX

Metal surface finishing

LP 1503 VR

Order no. 244.333



Technical attributes	LP 1503 VR
Power input	1200 watt
Power output	700 watt
Max. tool Ø	115 mm
Tool width	100 mm
Tool fixture	19 mm
No load speed	1200-3700 rpm
Weight	3,1 kg

Burnishing machine for high-gloss surfaces

- VR full-wave electronic control: tachogenerator constant speed control, soft start, overload protection and speed selection
- Adjustable guard: for sanding tools up to Ø 115 mm
- Sanding tool replacement: tool-free with knurled screw
- Infinitely adjustable speed for optimum finishing of various materials for burnishing, structuring, polishing, brushing, smoothing, de-rusting and deburring of steel and stainless steel surfaces.
- This machine is also available in 110 V

Standard equipment

Accessories

Poli-clean



Hard-structured fleece wheel. For cleaning welds and intensive, pore-deep removal of rust and oxidation layers. Also creates particularly decorative longitudinal finishes on stainless steel.

Dimensions	Grit:	QTY/PKG:	Order no.
in mm:			

100 Ø x 100	extra coarse	1	257.375
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Flap wheel sanding



Flexible sanding wheel with individual flexible flap-type sanding lamellae and keyway. 2 wheels are required. For paint removal, sanding and strong graining applications. Removes scratches, rust, old paint, scale and burrs. The 40 grit employed enables the removal of even deep scratches on stainless steel.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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100 Ø x 50	P 40	1	250.496
100 Ø x 50	P 60	1	250.498
100 Ø x 50	P 80	1	250.499
100 Ø x 50	P 120	1	250.501
100 Ø x 50	P 180	1	250.504
100 Ø x 50	P 240	1	250.505
100 Ø x 100	P 40	1	358.827
100 Ø x 100	P 60	1	358.835
100 Ø x 100	P 80	1	358.843
100 Ø x 100	P 120	1	358.851
100 Ø x 100	P 180	1	358.878
100 Ø x 100	P 240	1	358.886

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Metal surface finishing

Sanding fleece



Flexible polishing wheel made of sanding grit-impregnated nylon web with a keyway. Two wheels are required (for 50 mm wide fleece only). Achieves effective surface finishes on stainless steel, copper, aluminum, brass, etc. Also ideal for cleaning oxidized coatings and smoothing plastic and wood.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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100 Ø x 50	A 80 (coarse)	1	250.509
100 Ø x 50	A 160 (medium)	1	250.510
100 Ø x 50	A 280 (fine)	1	250.512
100 Ø x 50	A 400 (very fine)	1	250.513
100 Ø x 100	A 80 (coarse)	1	256.973
100 Ø x 100	A 160 (medium)	1	256.974
100 Ø x 100	A 280 (fine)	1	256.975
100 Ø x 100	A 400 (very fine)	1	256.976



For polishing pipes and pipe fittings.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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618 x 40	A 100	3	317.969
618 x 40	A 240	3	317.977
618 x 40	A 400	3	317.985

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Sanding fleece flap



Flexible combination of sanding flap and sanding fleece. Two wheels are required (for 50 wide). Suitable for dulling and finishing. Removes small scratches on metal, hard plastics and wood.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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100 Ø x 50	P 80/A 160	1	250.515
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100 Ø x 50	P 150/A 280	1	250.516
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100 Ø x 50	P 240/A 280	1	358.894
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100 Ø x 100	P 80/A 160	1	256.977
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100 Ø x 100	P 150/A 280	1	256.978
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100 Ø x 100	P 240/A 280	1	358.908
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Nylon brushes



Impregnated with sanding grits. Flexible, interspersed plastic brushes. For deburring, cleaning, roughing and smoothing. (Also suitable for wood, brushing applications and removing fibres.) Needed is one piece plus distance ring set (order no. 250.522).

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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100 Ø x 70	S 80	1	251.624
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Stainless steel wire brush



Flexible stainless steel wire brush. Rust removal, deburring, roughing and paint removal. Needed is one piece plus distance ring set (Order no. 250.522).

Dimensions in mm:	QTY/PKG:	Order no.
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100 Ø x 70	1	251.625
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Stranded wire brushes



Made of strong, twisted, gold-colored steel wire. Extremely tough and rigid. For rust removal, deburring, removing dirt and old paint. Brings up the grain structure in wood. Needed is one piece plus distance ring set (order no. 250.522).

Dimensions	QTY/PKG:	Order no.
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in mm:

100 Ø x 70	1	251.626
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Fine polishing roller



Soft rubber polishing wheel made of grit-impregnated rubber web. 2 rollers are required. For particularly bright longitudinal structures. Best effects are achieved on stainless steel.

Dimensions	Grit:	QTY/PKG:	Order no.
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in mm:

100 Ø x 50	grit 60	1	250.525
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100 Ø x 50	grit 180	1	250.526
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Polishing felt



Soft, flexible felt polishing wheel. Two wheels are required. For high-gloss polishing when using polishing pastes and creams.

Dimensions	QTY/PKG:	Order no.
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in mm:

100 Ø x 50	1	257.374
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Metal surface finishing

Cotton buffing wheel



Polishing ring made of impregnated cotton cloth. Achieves a high-gloss polished finish on aluminum, brass and stainless steel. Needed are 8 pieces plus distance ring set (order no. 250.522).

Dimensions	QTY/PKG:	Order no.
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in mm:		
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100 Ø x 10	8	317.950
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Distance ring set



Required for nylon brushes, stainless steel wire brushes, stranded wire brushes, cotton buffing wheels. Also necessary for sanding flaps, sanding fleeces, sanding fleece flaps, fine sanding rollers and sanding wheels less than 100 mm wide if only one sanding wheel is to be mounted.

QTY/PKG:	Order no.
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8	250.522
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Metal surface finishing

Rubber air roller



For sensitive contour sanding.

Dimensions in mm:	QTY/PKG:	Order no.
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90 Ø x 100	1	256.415
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With air pump and ring fastener. For sensitive contour sanding.

Dimensions in mm:	QTY/PKG:	Order no.
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90 Ø x 100	1	257.004
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Air pump



For pumping up rubber air rollers.

QTY/PKG:	Order no.
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1	256.284
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Metal surface finishing

Zirconium corundum sanding sleeves



For coarse and medium sanding.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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90 Ø x 100	P 60 blue	5	256.285
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For coarse and medium sanding.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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90 Ø x 100	P 100 grey	5	256.286
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For coarse and medium sanding.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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90 Ø x 100	P 180 brown	5	256.287
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Metal surface finishing

Fleece sanding sleeves



For decorative finishes.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
90 Ø x 100	A 100 brown	1	256.288



For decorative finishes.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
90 Ø x 100	A 240 red	1	256.289



For decorative finishes.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
90 Ø x 100	A 400 blue	1	256.290

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Drive roller



For sanding belt drive.

Dimensions in mm:	QTY/PKG:	Order no.
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60 Ø x 100	1	255.731
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With stainless steel guide discs. Needed is the distance ring set (Order no. 250.522).

Dimensions in mm:	QTY/PKG:	Order no.
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62 Ø x 70	1	303.054
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Sanding belt



For polishing pipes and pipe fittings.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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618 x 40	P 36	10	223.670
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618 x 40	P 60	10	223.689
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618 x 40	P 120	10	266.132
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618 x 40	P 240	10	250.610
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Felt belt



For polishing stainless steel surfaces.

Dimensions in mm:	QTY/PKG:	Order no.
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618 x 40	1	255.003
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Adhesive tape for sanding belt



For sealing open sanding belts for the LP 1503 VR.

Dimensions in mm:	QTY/PKG:	Order no.
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40 x 5000	1	251.838
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Velcro sanding belt



For polishing pipes and pipe fittings.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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600 x 40	P 60	10	284.718
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For polishing pipes and pipe fittings.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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600 x 40	P 120	10	284.726
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Velcro fleece



For polishing pipes and pipe fittings.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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600 x 40	A 100	2	281.069
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For polishing pipes and pipe fittings.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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600 x 40	A 180	2	281.077
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For polishing pipes and pipe fittings.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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600 x 40	S 400	2	281.085
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Superfinishing band



For high-gloss polishing of stainless steel.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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600 x 40	S 1500	2	318.736
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Velcro drive belt, blue



For closing and releasing the different belts. Simple application - tensile resistance up to 100 kg.

Dimensions	QTY/PKG:	Order no.
in mm:		

700 x 30	2	281.050
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Sanding-polishing sleeve

For high-gloss polishing without polishing agents in two steps.



Dimensions	Grit:	QTY/PKG:	Order no.
in mm:			

90 Ø x 100	S 600	1	318.175
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For high-gloss polishing without polishing agents in two steps.



Dimensions	Grit:	QTY/PKG:	Order no.
in mm:			

90 Ø x 100	S 1500	1	318.183
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Grinding fleece, folded



Flexible polishing wheel with multiple-folded grinding fleece for practically ridge-free grinding stainless steel, copper, aluminium, brass, etc.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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100 Ø x 100	A 180	1	347.280
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100 Ø x 100	A 100	1	347.272
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100 Ø x 100	A 280	1	347.299
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Sanding fleece top



Flexible fleece roller with heavy-duty fleece. Maximum service life and high grinding power shorten the grinding time. For stainless steel, steel, copper, brass and aluminium. For cleaning, burnishing and smoothing.

Dimensions in mm:	Grit:	QTY/PKG:	Order no.
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100 Ø x 100	A 80 (coarse)	1	377.910
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100 Ø x 100	A 180 (medium)	1	377.929
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100 Ø x 100	A 280 (fine)	1	377.937
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Carry case with insert



Impact-resistant plastic case with matching insert for LP 1503 VR.

QTY/PKG:	Order no.
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1	319.066
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