

Conditioning machine

★★☆



Ordering example: A3995ESM1310

Weight: approx. 2,8 kg

PG 15

Product number	Description	Idle speed min -1	Power input W	Max. Ø mm tool diameter	Tool width mm	Hole size mm		
A3995ESM1310	ESM 1310 S	1.300-3.050	1.300	120	100	19	■	1

Satin finishing

- Conditioning
- Polishing
- Brushing
- Smoothing
- Deburring
- Matt finishing

Special features :

- Highly resilient motor (stable)
- Dual gear reduction (long service life)
- Dust-protected bearings (low wear)
- In conjunction with the optimal tooling, a shadow free and uniform surface can be achieved on metal, wood and plastic.

Electronic control:

- Soft start
- Infinitely variable speed control
- Temperature and overload cut-off

Suited to LUKAS tools: Please take note of the relevant RPM stated on our packing material.	Dimension	Page
Polishing Roll P6	100 x 50 mm, 100 x 100 mm	157
Grinding Rolls SBZY	100 x 100 mm	288
Flap Rolls LWL, LWW, LWVM, LWF	100 x 50 mm, 100 x 100 mm	from 271

Material classification

1 Steels and Cast Steels

Rm up to 800 N/mm²

- common structural steels
- free cutting steels
- case hardened steels
- fine grained structural steels
- extruded steels
- toughened structural steels
- boiler plate
- nitrided steels
- cast steels
- heat treated steels
- heat resistant structural steels

2 Alloyed, Tempered Steels

Rm 800 up to 1200 N/mm²

- case hardened steels
- spring steels
- fine grained structural steels
- nitrided steels
- heat treated steels
- wear resistant steels
- bearing steels

3 Tool Steels

Rm up to 1300 N/mm²

- 60–65 HRC
- high-speed steels
- non-alloyed tool steels
- cold working tool steels
- hot working tool steels

4 Rust, acid and heat resistant Steels and Cast Steels

- austenitic
- ferritic
- ferritic-austenitic
- heat-resistant
- martensitic
- stainless, sulphurized

5 Cast Iron

6 Aluminium, Magnesium and Copper Alloys

- over 300 HB
- 200–300 HB
- up to 200 HB
- over 15% Si
- 10–15% Si
- 0,5–10% Si
- below 0,5% Si

7 Titanium and Nickel Alloys

- Rm 900 up to 1500 N/mm²
- Rm up to 900 N/mm²

8 Plastics, Wood, Rubber

9 Glass/Carbides

10 Stone/Tiles/Gas Cement

11 Concrete/Reinforced Concrete

12 Ceramic/Floor Tiles

13 Marble

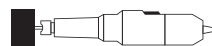
14 Granite

15 Freshly Poured Concrete

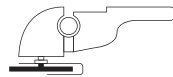
16 Asphalt

- best suitable
- suitable
- delivery ex-stock
- ▲ delivery on request

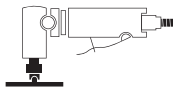
Power tools



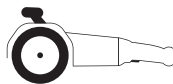
Straight grinder



Free-hand angle grinder



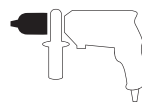
Pneumatic angle grinder



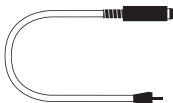
Conditioning machine



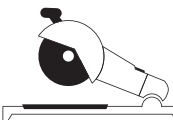
Backstand



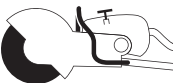
Boring machine



Flexible shaft grinder



Fixed-base cutting machine



Petrol-driven cutting machine

Product Lines

★★★ High Performance

★★☆ Industry

★☆☆ Base

Safety Symbols

(Depending on the product these symbols may vary)



Wear eye protection



Wear hearing protection



Wear a respirator



Read the instructions



Wear gloves



Only permitted with a back-up pad



Not permitted for wet grinding



Not permitted for face grinding



Do not use if damaged



Not permitted for hand-held or manually-guided grinding