

Conditioning machine
Ordering example: A3995ESM1310

Weight: approx. 2,8 kg

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

In conjunction with the appropriate tool, ideal for:

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

Special features :

- Highly resilient motor (stable)
- Dual gear reduction (long service life)
- Dust-protected bearings (low wear)

Versatility due to electric motor allowing a wide selection of spindle speeds. 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	160
Grinding Rolls SBZY	100 x 100 mm	304
Flap Rolls LWL, LWV, LWM, LWF	100 x 50 mm, 100 x 100 mm	from 289

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

Ⓢ regrind service, please enquire

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



Do not use for freehand cutting