

ARGEAD

INSTRUCTION MANUAL

ALUMINUM DISC GRINDER



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EU DIRECTIVES

The Aluminum disc grinder complies with the main requirements of the following Community Directives:

- Machinery directive 2006/42/CE
- Low Voltage directive 2006/95/CE
- Electromagnetic Compatibility 2004/108/CE



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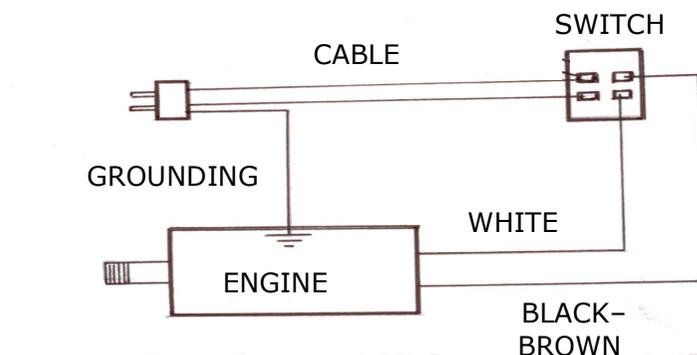
WHEN THIS SYMBOL APPEARS IN THE INSTRUCTION BOOK, A SITUATION THAT CAN BE DANGEROUS WILL BE INDICATED, SO IT IS RECOMMENDED TO TAKE PREVENTIVE MEASURES

SAFETY RULES

- Make sure that the electrical voltage of the motor matches that of the electrical network.
- Use for connection an electrical installation that has current protection and a good grounding.
- The engine has a start-stop switch
- If the power supply is interrupted while in operation, the switch is disconnected. Once the power supply returns, it will be necessary to press the green button of the switch again.
- Do not use the machine if it is wet or if there is a problem in the motor or in the connection cable.
- In case of any anomaly, go to an authorized technical service.
- Use the machine in stable and safe areas, free of children or people who are not qualified for its use.
- Do not leave the grinder running.
- Use protective glasses, ear protection, gloves and non-slip footwear. Use appropriate clothing to avoid accidents with the disc.
- Periodically check the condition of the connection cable.
- In case of using a generator to produce electricity, make sure that the output voltage does not exceed that specified in the engine characteristics plate.
- Do not use the machine without the protection plate.
- Before carrying out any operation on the machine, disconnect it from the electrical network.
- When the machine is not used, disconnect it from the electrical network and store it in a dry and safe place.
- The sharpener is prepared for the sharpening of cutters and combs for the shearing of sheep, goats and camelidos.



ELECTRICAL CONNECTIONS



TECHNICAL CHARACTERISTICS

TYPE : 71/90 CEI-34 MOD. GRINDER

RPM : 1.370

HP : 0,50

V : 230

Hz : 50

SERIAL NUMBER:

MANUFACTURING DATE:

GRINDER PARTS

Nº	DESCRIPTION	PIECES
801	Motor with switch	1
802	Grinder support	1
803	Guard ring	1
804	Cover behind	2
805	Hexagonal screw M8x25	4
806	Hexagonal nut M8	4
807	Rubber foot	4
808	Nut M8	4
809	Pendulum hook	1
810	Collar Ø10	2
811	Allen thread M5x8	2
812	Wing screw M6x10	1
813	Upright pendulum support	1
814	Wing screw M6x25	2
815	Cable	1
816	Centering piece	1
817	Pendulum	1
818	Piece hold-disc	1
819	Screw M6x30	3
820	Screw M5x10	1
821	Disc	1
822	Emery paper	1
823	Protection plate	1
824	Screw M5x10	4
825	Spacer	4
826	Screw M5x16	4
827	Angle support	3
828	Screw M6x16	6
829	Nut M6	6

STARTING UP AND HOW IT WORKS

- Connect the motor to the network. (READ THE SAFETY RULES).
- The grinder is sent completely assembled except for the pendulum.

Grinding combs

- The grinder must be off.
- Place the pendulum with the comb placed on the hook of the pendulum. Move the pendulum vertically away from the disc according to the «Comb» mark. Move the pendulum upright to the disc until the comb is placed on the disc. The adjustment is correct when the heel of the comb touches the disc first and between the top of the comb and the disc is at a distance of 1.5 mm.
- Turn on the shaper.
- Place the comb on the disk. Move the comb immediately from side to side with even pressure. Move the comb as far as possible to the outer edge of the disc (which comes out of the disc comb) to the motor shaft by a uniform movement. To finish sharpening (when the comb is sharp), move the comb as far as possible to the outer edge (the entire comb inside the disc). Finish the grinding by pressing a little harder and remove the comb from the disc.

Grinding cutters

- The grinder must be off.
- Hang the pendulum with the cutter placed on the hook of the pendulum. Move the pendulum hook to the disc according to the «Cutter» mark.
- Move the blade several times on the blade with the grinding movement. If the pendulum hook is too far in, the blade will rub on the top side. If the hook of the pendulum is too far away, the blade will rub against the heel. Adjust the pendulum hook until the cutter rubs on both sides, up and on the heel.
- Turn on the shaper.
- Take the pendulum and place the cutter on the disk. Move the cutter immediately from side to side with even pressure. Move the cutter so far to the outer edge until it comes out of the disk. Then, carry the cutter to the motor shaft with a smooth movement. To finish the sharpening (when the cutter is sharp), take the cutter as previously done with the comb. In this position, keep the pressure on the cutter for approx. 1 second. Finish the sharpening by pressing a little harder and remove the cutter from the disc.



CHANGE OF ESMERIL'S DISC

- Disconnect the grinder from the electrical network
- Remove the protection plate
- Take off the used disc
- Clean excess glue or any dirt from the disc (Do not use products that contain any type of oils or petroleum derivatives)
- Place the centering piece on the disk and put a new emery disk, making sure it is perfectly glued and completely flat, without air bubbles
- Remove the centering piece
- Place the protection plate
- The grinder is ready to grind again

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GRINDER PARTS

