



Code	LMH020
Brand	HOMAG
Model	KAL 310/6/A3/S2

EDGE BANDER SINGLE SIDED. Automatic machine to apply the edge into straight profiles

GENERAL SPECIFICATIONS

- ▶ **Industrial machine with heavy-duty structure**
- ▶ Max. working panel height with straight edge 60 mm
- ▶ Applicable banding material in coils: thin edge and PVC up to 3 mm

SYSTEM AND OPTIONALS OF THE PANEL HANDLING

- ▶ Running driving chain
- ▶ **Top pression unit made by motorized rubbered belt**
- ▶ Top pression unit with adjustable height **in automatic by numerical control**
- ▶ Adjusting in continuous feeding speed 18-25 m/min
- ▶ Input panel guide **is motorized and with adjusting in automatic by numerical control**
- ▶ Lateral bar with lines of idle wheels to support the panels

WORKING UNITS ON THE SQUARING SIDE

- ▶ **Pre milling unit to rectify the side of the panel.** It is made by 2 motors with automatic in/out intervention to avoid splinters on the panel - motors power 3 KW (9000 RPM)

GLUING UNIT, INSERTION AND PRESSION OF THE EDGE

- ▶ **Multiple magazine for edge coils** with nr. 2 positions, to automatically change the edge type
- ▶ Hot-melt glue pot **and premelter**
- ▶ Spreading roller to regulate the quantity of applied glue
- ▶ Guillotine to cut the edge in coils
- ▶ Roller set to press the edge on straight profiles - nr. 1 + 2 pression rollers

WORKING UNITS ON THE EDGE BANDING SIDE

- ▶ End cutting unit with 2 motors to cut the excess edge on the front and back part of the panel - motors tiltable 0 / 15 degree - **tilting regulation in automatic** - motors power 0,5 kW - Max. working speed 12000 m/min
- ▶ Top and bottom rough trimming unit - motors power 0,55 KW (12.000 KW RPM)
- ▶ Rounding unit multifunction FK 11 **with regulation in automatic by numerical control.** This unit has a double functions: A) to trim and round off the excess edge B) to round the edge corners on the top and bottom part of the panel - motors power 0.4 KW - Max. working speed 12000 m/min
- ▶ Edge scraping unit for the edge superfinishing
- ▶ Glue scraping unit to remove the excess glue from the join between edge and panel
- ▶ Brushing unit with motors to clean and polish the upper and lower edge - oscillating system

CONTROL OF THE MACHINE AND ACCESSORIES

- ▶ **Control and program system** with the following features: - **screen colour** - keyboard
- ▶ Adjustable hanging command board to control the machine
- ▶ Incorporated electrical cabinet

NORM AND OPTIONAL FOR THE SECURITY

- ▶ **Safety and sound-proof enclosure cabinet of the working units**
- ▶ Aspiration system on the top part of the safety enclosure cabinet

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A



B



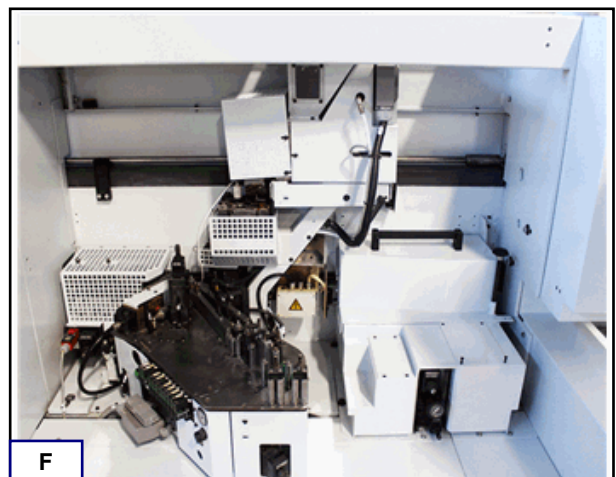
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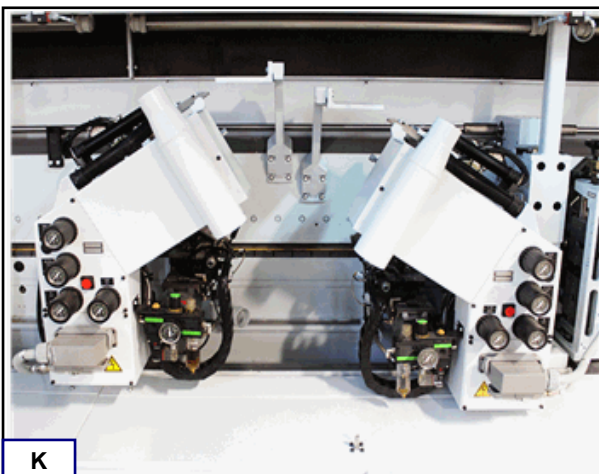
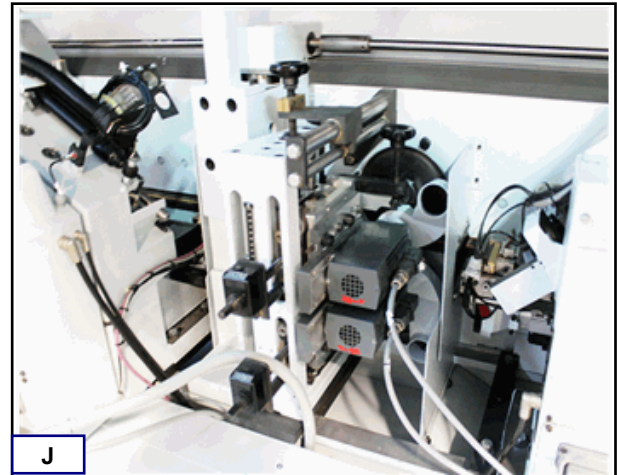
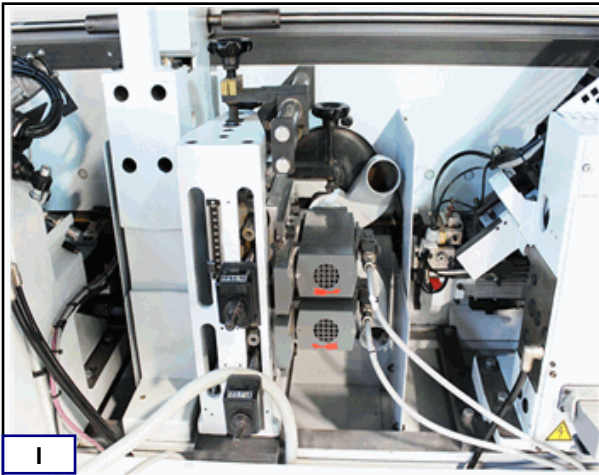
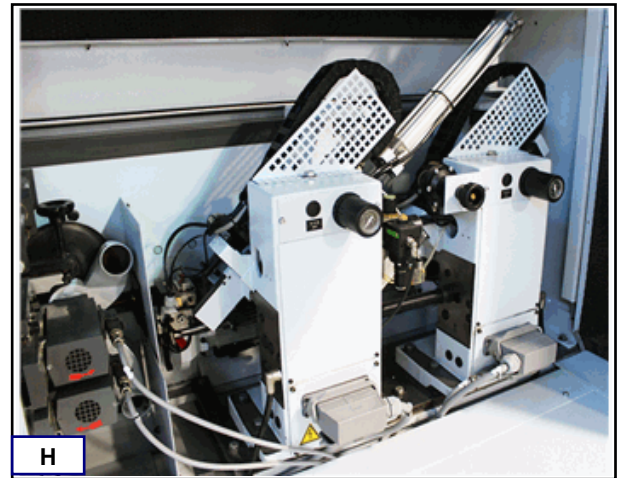
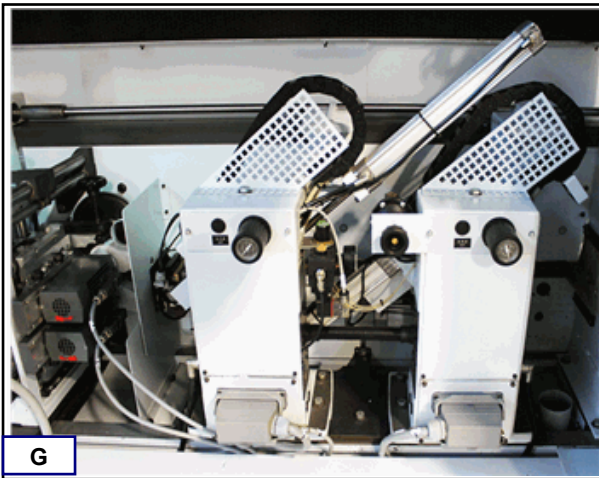
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