

Edge Banding Machine – used machine , year 2006
Brandt KDF 530C - machine number: 0-261-07-2082



Technical Equipment

OPTIMAT KDF 530 C

Compact edge banding machine Optimat KDF 530 C
One-sided edge banding machine in right-hand version
for hot-melt adhesive bonding.
Quick-change gluing part for hot-melt adhesive.
Processing of PU adhesive granules under
It is possible to observe the adhesive processing instructions.
Leak-proof glue supply below the glue roll.
Finely dosed glue application to the workpiece using a glue roller,
no adjustment to workpiece thickness required.
Direction of rotation of the glue roller either synchronous or counter-
rotating.
Glue temperature monitoring using an electronic thermostat.
Automatic glue temperature reduction when work is interrupted.
Infrared hot melt activation.
Automatic edge magazine for rolls and
fixed lengths, incl. roller disc diam. 800mm.
Equipment with reinforced pre-cutting scissors for
Thick PVC/ABS max. 3 x 45 mm.
Standard equipment with edge and workpiece distance monitoring
by means of an optical display.
Heavy pressure zone with powered, pneumatic
acted upon main pinch roller and
2 free-running pressure rollers.
Standard equipment with manual
Central lubrication for the transport chain.
Centrally adjustable top pressure.
Control panel at the machine infeed.
Electronic control PC 20+
BRANDT control system with color graphic
User interface for simple and
comfortable operation and programming.

Technical details:

- Swivel control panel at the machine infeed
- Durable short-stroke membrane keyboard
- Color graphic flat screen
- Industrial PC with compact flash disk as mass storage
- Aggregate function keys with LED status display
- Support for operator guidance using color pictograms
- Online language switching between various foreign languages
- Presentation of the essential machine target and actual states
- Status messages in plain text
- Easy choice and correction of the route points
- Simple possibility of axis adjustment (at
corresponding unit version)
- Online help in plain text through a help window that can be called up at any
time
- Production data acquisition for production time edge length and
Number of workpieces, as daily and total value
- Inspection and maintenance interval display
- Possibility of remote service with option VKNR 0130 modem and
installed service software
- Saving machining programs

- Production according to machining programs
- Data backup of processing programs on diskette
Electrical equipment with modular
Control system for increased operator comfort.
Permissible ambient temperature min. +5 degrees/
max. +35 degrees Celsius, for electrical and
mechanical functionality of the machine.
The processing guidelines of the glue and
Edge manufacturers are to be observed.
With mains voltage fluctuations greater than +/- 10%
a voltage stabilizer must be installed at the place of use.
Machine deliveries for EU countries in terms of safety
designed in accordance with EC Directive 98/37/EC, Appendix I.
Noise protection paneling with 3 central over the
Units located individual suction nozzles each
Diameter 60 mm and 1 suction socket with
Diameter 100 mm on the chip collector for
Scraper chips and 1 suction nozzle with
Diameter 120 mm at the pre-milling unit.



Technical specifications

Edge thickness 0.4 - 8 mm
Roll separation max. 3 x 45 mm
or 0.8 x 55 mm
Workpiece thickness 8 - 50 mm
Feed max. approx. 11 m/min.
Electrical 400 V - 3 Ph. - 50 Hz
Connection value approx. 10.5 kW
Pneumatic connection 6 bar
Total length 4,770mm

TOOL SET R = 2 MM

INFEEED RULER ADJUSTABLE

JOINING MILLING UNIT 2 X 2.2 KW 200 HZ FG 3500

To attach in front of the glue part, spindle adjustment
vertical, electro-pneumatic
Horizontal control, 2 motors (1 x DC,
1 x counter run),

COMBINATION CUTTERS SET 48 MM DIA

AUTOMATION PACKAGE FOR BF 6240

Consisting of:
PNEUMATIC ADJUSTMENT CUTTING BEVEL/STRAIGHT
PNEUMATIC ADJUSTMENT OF SCRAPING BLADE
PROGRAM - ADJUSTMENT SIDE ROLLERS
PNEUM. 2-POINT ADJUST. VERTICAL. KEYSTR.
Automatic switching of thin edge with 13
Degree bevel, radius PVC/ABS and solid wood edges
up to 8 mm.

CUT UNIT BEVEL/STRAIGHT 2 X 0.18 KW HL 6130

For trimming the front and rear edge overhang
2 motors each 0.18 kW, 200 Hz, 12,000 rpm.
Swivel range straight to chamfer caps 0-15 degrees
Equipped with 2 chop saws diam. 100x32x2.6mm
Z=30
Feed speed: max. 11 m/min.

MILLING UNIT 2X0.55 KW CONTRA-FLOW BF 6240

For milling the upper and lower edge material overhang,
vertically and horizontally keyed.
Manual execution

Functionality selectable from the control panel:
2 working positions: flush and radius milling.
All positioning axes with digital counters for quick adjustment.
Equipped with combination milling cutters for flush and radius milling.



SHAPING UNIT TOP+BOTTOM 1 X 0.35 KW FF 6210

Form milling unit above and below, for form milling of head edges on postforming parts and corner rounding of thick PVC edges.

SCRAPING UNIT FOR PVC EDGES ZK 6500

Scanning from above, below and from the side. For the Chamfering or rounding of pre-milled PVC edges.
2 WPL profile knives.

SURFACE SCRAPER GLUE JOINT ZF 6600

Equipped with 2 WPL turning knives.

2 FP 6810 ENGINES

2 motors each 0.18 kW, individually suspended, tilt and height adjustable.
2 molleton discs diam. 150x20mm