

Order Confirmation

Date : 19.12.2007 / STK
Execution : 1

For further questions quote
Order number : 155207
Customer : COOKSTOWN
Machine number : 0-200-15-5207

Customer number
Competent person

Dear Mr. Mallon,

We acknowledge with thanks your order
as follows:-

G.00

OPTIMAT KAL310/5/A3/S2

HOMAG - J O I N T I N G - E D G E S - OPTIMAT

Single-sided machine for jointing of straight
workpiece edges, gluing and postprocessing
of different edge materials on rolls up to
3 mm edge thickness in longitudinal and cross
throughfeed.

Fixed stop side on the left

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SHORT DESCRIPTION OF THE BASIC EQUIPMENT

- BASIC MACHINE
- WORKPIECE TRANSPORT DEVICE
- TOP PRESSURE
- CONTROL power control PC22
- JOINTING TRIMMING UNIT with 2 motors
- GLUING PART A3 BASIC for material on rolls up to 3 mm
- NOISE PROTECTION
- SNIPPING UNIT
- FREE SPACE for further processing units

BASIC MACHINE:

- continuous machine frame for mounting the processing units
- panel support with roller guide, extractable approx. 800 mm
- glue roller drive in case of feed stop
- glue container lift-off in case of feed stop
- glue container clamping actuated by workpiece
- infeed fence adjustable

WORKPIECE TRANSPORT DEVICE:

- transport chain 80 mm wide with rubber covering
- precision running surfaces and guiding surfaces, hardened
- magnetic brake application of transport chain

TOP PRESSURE:

- compound V-belt, driven
- height adjustment, motor-driven
- position read-out, digital

LACQUERING:

- HOMAG structure lacquer grey RDS 240 80 05

ELECTRIC EQUIPMENT:

- operating voltage 400 volt, 50/60 Hz
- country-specific adaptation of operating voltage by transformer (optional)
- FI-safety switching only permitted in

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- connection with an all-mains sensitive/-
selective FI-safety switch; if the performance of this device is not sufficient, a differential current monitor is recommended to be provided by the customer
- switch cabinet installed at the machine according to European Norm EN 60204
 - frequency invertors, electronic, with motor-braking function
 - hand switch for setting operation
 - environmental temperature:
+ 5 degrees up to + 40 degrees Celsius

power control PC22:

Modern control system basing on a Windows PC

Hardware:

- PLC control accord. to international standards IEC 61131
- integrated line control for contactless control of the processing units
- operating system Windows XP (US) embedded
- industrial PC with at least 2 GHz Celeron processor and 512 MByte RAM
- TFT flat screen 15 inch
- PC keyboard and mouse
- 1 hard disk fixed
- 1 hard disk for data securing
- 1:1 data securing (Cloning)
- USB connection
- digital field bus system for infeeds/outfeeds and peripheral units
- network connection ETHERNET via additional card and network software (option)
- virus protection

Software:

- operation menue-guided with Windows standard
- software kit woodCommander with
 - comfortable, graphically supported creation and storage of machine programs
 - administration of tool data by tool macros
- operator guiding system (BDL) for indicating

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- necessary manual adjustments at the machine
in case of resets
- error message in plain text
- diagnostic system woodScout (option)
- Schuler MDE basic for machine data
acquisition
- Remote diagnosis via modem
 - invoicing accord. to separate teleservice
contract
 - telephone line (analogue) is to be
installed on part of the customer
- Interferences in the machine control by non
authorized persons release HOMAG from any
warranty commitments and product liability.

SAFETY AND PROTECTION FACILITIES:

- all machines destined for EC member countries
are fitted with CE-plate in accordance with
EC-Machine Directive 98/37/EC, Appendix IIA
- Wood dust protection max. 2 mg/m³, subject
to the required extraction capacity being
provided by the customer according to the
suction plan
- documentation in duplicate

TECHNICAL DATA:

- feed 18 m/min
- working height 950 mm
- working width
 - min. 55 mm for panel thickness 22 mm
 - min. 100 mm for panel thickness 60 mm
 - (depending on panel length)
- panel overhang 30 mm
- panel thickness 12 - 60 mm
- edge material on rolls 0,3 - 3 mm
- edge cross section max. - PVC 135 mm²
 - veneer 100 mm²
- roll diameter max. 830 mm
- pneumatic connection 7-8 bar

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- floor conditions have to correspond to the foundation plan
- the machine operator is responsible for providing suitable material (boards/edges/glue)

JOINTING TRIMMING UNIT

- 2 motors each 3 kW, 150 Hz, 9000 rpm for jointing trimming the workpiece edge before gluing
- electropneumatic control of both motors for intermittent trimming
- panel blow-off device
- 2 I diamond jointing cutters d= 125x34x30mm, keyway, t=2 x 3 with integrated chip catching system
- workpiece thickness max. 30 mm
- thicker workpieces only in connection with suitable tool

GLUING UNIT A3 BASIC

consisting of:

- HOT MELT GLUING UNIT A34
- glue pot 5 l
- temperature control, electronic with LED read-out
- melting capacity up to max. 8 kg/h
- in case of a larger glue quantity, sales-no. 2158 becomes necessary (optional)

MAGAZINE 1 ROLL

- Clipping unit
- Edge control with feed stop
- servo edge feeding A3 (optional)

PRESSURE ZONE K

- 1 driven prepressure roller, diameter 90 mm
- 2 postpressure rollers, diameter 70 mm

NOISE PROTECTION FOR JOINTING PART + UNIT PART

- for the processing units

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- with individual suction

SNIPPING UNIT HL 81/0,22 KW

- 2 motors each 0,22 kW, 200 Hz, 12000 rpm for snipping projecting edges at front + rear edge
- motors with man. swivelling for chamfer cutting
- 2 TC snipping saws diameter 120 mm
- snipping is not possible in case of overhanging laminate

G.0001 Number : 0865 1 x left
FEED STEPLESSLY ADJUSTABLE 18-25 M/MIN

- instead of feed, rigid 18 m/min
- feed frequency-controlled
- adjustment of speed at the input unit

G.0004 Number : 2450 1 x left
BASIC GLUING UNIT A3, EXTENSION KIT
Only in connection with the extension kit
additional options can be sold for the Basic
gluing unit
Extension kit includes:

- magazine height adjustment manually via spindle +/- 5 mm
- magazin 2 rollers
- roller change manual or automatic

G.0007 Number : 2158 1 x left
MELTING UNIT WITH GRANULATE CONTAINER

- instead of glue pot 5 L
- necessary in case of:
 - melting capacity > 8 kg/h
 - feed > 18 m/min
- melting capacity depending on glue 18-35 kg/h
- level control of the melting quantity

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- G.0010 Number : 2596 1 x left
AUTOMATIC PRESSURE-ZONE ADJUSTMENT OPTIMAT
for automatic adjustment of the pressure zone
in case of varying edge thickness.
- G.0013 Number : 3058 1 x left
SNIPPING UNIT HL84 INSTEAD OF HL81
- upright snipping stop for sensitive edges
- G.0016 Number : 3114 1 x left
PNEUMATIC ADJUSTING DEVICE CHAMFER/STRAIGHT
- for electropneumatic reset from chamfer to
straight snipping
- manual adjustment of the lateral snipping
stop necessary in case of varying edge
thicknesses
- G.0019 Number : 3201 1 x left
ROUGH TRIMMING UNIT 0,55 KW OPTIMAT
2 motors one above the other
each 0,55 kW, 200 Hz, 12000 rpm,
height adjustment with the top pressure
Working in opposite movement. Swivelling range
+/- 1 degree.
2 TCT cutters 70 x 25, HSK 25, t=4
Including electronic frequency inverter with
motor braking function and extension of noise
protection.
- G.0022 Number : 3220 1 x left
MULTITRIMMING UNIT 0,55 KW AUTOMATIC MF21
- for chamfer trimming of different edges up to
an edge thickness of 3 mm max. and for radius
trimming R=2 and R=3 with a combination tool
- for automatic reset chamfer/radius and for
lateral movement out of the processing area
- 2 motors each 0,55 kW, 200 Hz, 12000 rpm
with plug-type connection

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- motors working in opposite movement
- height adjustment with the top pressure
- edge thickness max. 3 mm
- panel thickness min. 13 mm for radius R=3 mm
min. 10 mm for chamfer
0,5 x 45 degrees
- min. processable panel length 100 mm
- 2 diamond cutters HSK 25, t=4, for chamfer
20 degrees and radius R=2 and R=3 mm
- incl. electronic frequency inverter with
motor braking function and extension of noise
protection
- flush trimming/chamfer trimming of glued
softforming edges is not possible

G.0025 Number : 4523 1 x left
SCRAPING DEVICE PROFILE OPTIMAT PN10

- tracing from top, bottom and lateral
- for edge buffing or rounding-off pre-trimmed
PVC-edges
- blowing nozzles pneumatically controlled
- edge thickness max. 3 mm
- height adjustment with the top pressure
- suction box for PVC chips
- without tools
- feed max. 24 m/min

G.0028 Number : 4525 1 x left
QUICK CHANGING DEVICE R=2MM FOR PN10

- 2 quickly changeable devices for simple
radius change
- incl. 2 profile knives with reversible
carbide tips

G.0031 Number : 4522 1 x left
PNEUMATIC ADJUSTMENT PN10/20, FA10/11/12

- for electropneumatic lateral movement out of
the processing area

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- G.0034 Number : 4506 1 x left
FINISH UNIT FA 11 TOP / BOTTOM
for finishing operation of the longitudinal
edge
consisting of:
- SCRAPING UNIT GLUE JOINT
 - for removal of glue rests
 - height adjustment with the top pressure
 - hart metal knife
 - APPLICATION OF DETERGENTS
 - by means of spray nozzles
 - EDGE BUFFING UNIT
 - height adjustment with the top pressure
- G.0037 Number : 0893 1 x left
PREINSTALLATION FOR BOOMERANG ZHR05
Feed interlock and mechanic interface
adaptation
- G.0040 Service: 8322 1 time
DOCUMENTATION AND CONTROL TEXTS: ENGLISH
Scope of delivery:
1. production instructions
 - consisting of operator's manual and
maintenance guidelines on DIN A4 paper
and CD-ROM
 2. on-screen operator control texts
 - for machine operators, for NC21, PC22,
PC52, PC83 and PC85
 3. spare parts designations on CD-ROM
 - delivery time: Together with delivery of the
machine

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B.32 DELIVERY TIME

Wk 12 2008, Ex-works

The user is responsible for the suitable quality of the material to be processed. Unusual dimensions respectively unfavourable length-/width-/thickness combinations need a special agreement (e.g. check list for technical data). Subject to technical modifications in connection with further development. Pictures and pictos are examples and not in all details obligatory.

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B.44 ACCEPTANCE

The customer commits himself to giving an acceptance when the object of the contract does not contain substantial defects which significantly reduce its value and economical utilisability.

B.53 WE THANK YOU FOR YOUR ORDER

Should you have any queries please contact the sales office on 01332 856422.

Again, we thank you for your valued business.

With best regards

H O M A G U.K. LTD.

Derek Reid
Area Sales Manager

Encl.: Important Notes & Pre-Installation
Checklist.