

Drilling- Dowel Driving Machine
Weeke ABD 150
Used machine - year 2009



OPTIMAT ABD 150

NC-CONTROLLED DRILLING AND DOWEL DRINKING MACHINE
for the production of furniture parts made of wood or
wood-like materials

1. BASIC MACHINE

- Stable steel frame construction
- Movement of the axes in the X, Y and Z directions
- Ball screw (Y and Z directions) and rack drive (X direction)
- Digital AC servo motor
- Support table with left and right side stops as well rear stop rail
- Center stop can be lowered pneumatically, manual control via selector switch
- 4 clamping cylinders from above, manually adjustable
- Automatic central oil lubrication of the rack in the X direction as well as the linear guide carriage of the X, Y and Z axes

2. CE SAFETY AND PROTECTION DEVICE

- Protective grille in the side and rear areas

3. WORKPIECE DIMENSIONS

Length: max. 1,250 mm min. 20 mm

Width: max. 800 mm min. 100 mm

Thickness: max. 60 mm min. 10 mm

Active center stop:

Length max. 600 mm

4. EQUIPMENT

- horizontal drilling gear with 3 individually accessible spindles, Spindle distance 32 mm
- 1 dowel tool (at a distance of 32 mm from the first drilling spindle)
- Glue nozzle with adjustable glue quantity
- Glue flow monitoring
- Mist oiler for glue nozzle
- Standard dowel dimension: 8x30 mm / 8x35 mm
- Vibration conveyor for automatic dowel feeding

A notice:

Machine is supplied with the dowel dimensions at the factory
8 x 30 mm delivered.

5. DOCUMENTATION

- Documentation in printed form and as CDROM,
Includes spare parts catalog and circuit diagram

6. PAINT

- Paint gray RDS 240 80 05

7. CENTRAL EXTRACTION

- Connection data is technical. Data sheet can be found

8. power control PC85 (woodWOP 5.0)

Modern control system

PC85 Hardware:

- PLC control according to international standard IEC 61131
- Operating system Windows XP (US) embedded

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- IntelCore 2 Duo processor
- TFT flat screen 17 inches
- 1 SATA hard drive at least 160 GB
- Central USB port located on the side
- EtherNet connection 10/100 MBIT RJ45 (without switch)
- Provision of teleservice

Remote diagnosis possible via Internet. This requires a DSL connection to be made available to the customer. After the guarantee period is for the Use of the teleservice service requires a corresponding teleservice contract to complete.

PC85 software:

- PC85 software package with graphical operating programs:
- woodWOP 5.0

for graphic, dialog-oriented creation of CNC programs

- ABDWork:

graphical user interface

- TOOL DATABASE:

with graphical user guidance for managing tool data

- PRODUCTION LISTING SOFTWARE:

for managing and creating production lists for the individual Production. The production sequence, target quantities, Processing instructions are stored.

- MACHINE DATA COLLECTION:

for recording the number of workpieces produced and monitoring the maintenance work

- SOFTWARE PACKAGE FOR THE EXTERNAL PC:

- woodWOP 5.0

for graphic, dialog-oriented creation of CNC programs

Copy protection of all software licenses via the HOMAG Group license server.

The product must be activated after installation.

Activation at www.eparts.de

Note: The machine is produced under license by Homag Machinery in Poland.

The machine's country of origin is Poland.

G.0001 number: 0102 2 times

ADDITIONAL CLAMPING CYLINDER TYPE ABD

- Clamping cylinder manually adjustable.

G.0004 Number: 6307 1 time

BAR CODE READING SYSTEM PACKAGE PROFESSIONAL

allows the production sequence to be specified

by reading a barcode

- Barcode software 'woodScan' to prepare the control for the automatic transfer of up to three barcodes from the barcode reader

the space occupancy. For example: program name, document mode and quantity.

- Incl. wireless hand scanner and base station

in industrial version (make Datalogic)

- Including assembly, commissioning and functional testing at WEEKE

- The barcode reader is connected to the controller

via a separate interface

- Simple graphical assignment of barcode information

to the machine control when the barcode is all ready for production contains necessary data

Quality requirement for the barcode is at least grade 3 of ISO/IEC 15416

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G.0007 Service: 8321 1 time
DOCUMENTARY AND CONTROL TEXT: GERMAN

Scope of delivery:

1. Operating instructions
consisting of operating and maintenance instructions
on DIN A4 paper and CD-ROM
2. Screen operating texts
for machine operators, for POWERCONTROL
3. Spare parts names
consisting of CAD drawings and circuit diagrams
on CD-ROM

- Delivery time: With machine delivery

A notice:

Only to be used for new machines from the
current price list. An offer for retrofitting
machines already delivered
takes place on request.