

Panel Saw Homag  
SAWTEQ B-300 Edition25  
Holzma Type HPP 300 43/43/L  
Used machine - year 2018



## **SAWTEQ B-300 EDITION25**

(PROFI HPP300/43/43/L)

### PANEL SAWING

Single saw for tear-free and dimensionally accurate dividing of plate-like materials.

#### 1. Highlights

- + ecoPlus technologies for up to 20% energy savings:
- + Viewing window in the pressure bar
- + Central angle pressing device
- + active suction via the angle ruler
- + Accessibility of the saw body for cleaning purposes by flaps from the front

#### 2. Rear machine table

In the rear machine table, collets guide the material gentle on the surface via high-quality roller tracks.

#### 3. Program slider

The program fence positions the plates with the help of robust ter collets automatically at the cutting line.

- + Guided by double T-beams
- + Drive via rack and pinion
- + Drive via AC servo motor
- + non-contact electromagnetic measuring system

#### 4. Machine body

The machine body is equipped with large, abrasion-resistant table conditions equipped.

#### 5. Pressure bar

The pressure beam fixes the panels during cutting safely on the machine table.

- + Linear guide and parallel adjustment by rack and pinion guarantee precise guidance

#### 6. Saw carriage and angle pressing device

- + solid steel saw carriage body (approx. 300 kg):
  - + Saw carriage drive via rack and pinion
  - + 10-year guarantee on the saw carriage guides
  - + Optimized saw blade change thanks to the Power-Loc quick clamping system
  - + Automatic, stepless cutting height adjustment reduces the cycle time
  - + patented central angle pressing device
  - + Positioning accuracy of the program fence
- +/- 0.1mm/m

#### Model-specific machine data

HPP300/43 ProfiLine cutting length 4300 mm

Working height 920 mm

SAW BLADE PROJECTION 80 MM

#### LEFT HAND\*

Sawing direction from right to left in the direction of the angle ruler.

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EXPAND MACHINE

PAINTWORK

- Painting of the machine and protective fence posts in RAL 9003 signal white
- Design strips, protective fence panels, protective doors and stele in RAL 7021 black-grey

SAW AREA

MACHINE TABLE COMPLETELY DUSTED  
PROGRAM SLIDE GUIDE BELOW  
PROGRAM SLIDE SPEED  
forward 25 m/min  
reverse 90 m/min

6 pieces STANDARD COLLETS  
1 ADDITIONAL COLLETS Pos.:175 mm

COLLET RELEASE

Each collet is based on the entered workpiece dimensions switched on or off automatically.

SPRING-LOADED CASTERS

Exactly fitting rollers on the saw carriage guide at all times!

SAW CARRIAGE SPEED 130 M/MIN

BLOW-OFF DEVICE PHOTOCELL

MAIN SAW MOTOR 11.0 KW  
PNEUMATIC MAIN SAW LIFT

SCRATCH UNIT

SCRATCHING SAW MOTOR 2.2 KW\*  
MOTORIZED SCRIVING SAW LIFT  
POSTFORMING VVSH\*

For tear-free scoring of soft and postforming edges as well as edge-glued workpieces.

ELECTRIC SCRATCHING ADJUSTMENT

INTELLIGUIDE BASIC\*

Optical LED assistance system to support the machine operator when machining workpieces.

+ Interactive LED bar with colored position and status display

1 AIR CUSHION TABLE 2160 X 800 MM  
3 AIR CUSHION TABLES 2160 X 650 MM  
ADDITIONAL START-STOP BUTTON ON THE 2ND LKT  
incl. emergency stop switch

LABEL PROGRAM

Label printing for finished parts directly at the saw.

- Printout either per piece, per package or per definable stack

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CENTRAL FAN WITH INCREASED PERFORMANCE

CONTROL THE MACHINE

CONTROL CENTER

- + CADmatic control with assistance graphics
- + With 21.5 inch full HD multi-touch display in widescreen format

POWERCONTROL V2.1 with PowerTouch  
Modern control system based on Windows PC (Windows 7)  
CADMATIC 5.0  
TAPIO READY

OPERATE THE MACHINE

Software packet:  
MATERIAL DEPENDENT PARAMETERS

CADLINK CONVERSION PROGRAM\*

Enables the connection of optimization programs,  
which generate a PTX or MDB cutting plan file as the output format.

MMR PROFESSIONAL FOR INDIVIDUAL MACHINES

- Automatic recording of machine statuses and key figures  
via time counter and event counter from the machine control

DATA TRANSFER ONLINE + USB PORT

Features:

- > Transmission of optimization data

CE FOR SINGLE SAWS

Quality standards:

- + CE tested
- + GS tested

MAIN SAW BLADE HM 350 X 4.4 X 60

SCRATCHING SAW BLADE HM 180X4.45-5.25X45

POSTFORMING SCRATCHING SAW BLADE HM 280 X 4.7 X 45

LANGUAGE SELECTION: GERMAN

- + for operating instructions and screen operating texts

OPERATING INSTRUCTIONS ON DATA CARRIER

OPERATING INSTRUCTIONS IN PAPER FORM