

Panel Saw with Lift Table - used from year 2009

brand: Holzma Type HPL 380 43/22 Profiline

Machine nubmer: 0-240-91-

HPL 380/43/22 NEW PROFILINE

HPL 380 NEW profiLine

Panel dividing saw for tear-free and accurate dividing of coated and uncoated panels made of wood-based materials and those that are to be processed like wood-based materials.

Control panel and angle ruler on the right.

1. Highlights

- + ecoPlus technologies for up to 20% energy savings:
- Standby button
- Energy efficiency class 1 (EFF1) motors
- Weight-dependent control of the air cushion table pressure
- Reduction of the exhaust air volume by more than 15%
- + Viewing window in the pressure bar allows the
 Insight into the rear machine area
- + automatic plate insertion
- + Four-column lifting table
- + all collets have two fingers
- + patented: Central angle pressing device
- + Motorized adjustment of the scoring saw
- + completely darkened machine table
- + HOLZMA CADmatic control with 3-D flow chart
- + 19 inch TFT flat display with touch function

2. Lift table loading

The loading takes place via an electro-hydraulic powered four-column lifting table.

- + automatic height measurement of packages
- + equipped as standard with longitudinal profiles and scanning
 direction

3. Rear machine table

In the rear machine table, collets guide the material gently over high-quality roller rails.

Two alignment devices align the material again before positioning it on the cutting line.

4. Program slider

The program fence automatically positions the panels at the cutting line with the help of robust clamps.

Guided by double T-beams

5. Machine table (saw body)

The machine table is equipped with large, abrasion-resistant phenolic resin panels. These have precisely fitting recesses for the collets and are completely jetted.

6. Pressure bar

The pressure beam fixes the plates during the safely on the machine table.

7. Saw carriage and angle pressing device

The robust steel saw carriage is equipped with a main and scoring saw.

- + solid steel saw carriage body (approx. 300 kg):
- permanently torsion-resistant
- Cutting direction against the angle ruler
- + Saw carriage drive via rack and pinion
- + minimum set-up times thanks to motorized scoring saw adjustment
- + Optimized saw blade change thanks to the quick clamping system
- Power Loc
- + Automatic, stepless cutting height adjustment

- + patented central angle pressing device
- Electrically adjustable pressure, so even thin ones can be used
- and press on pressure-sensitive plates

8. Machine control: CADmatic 4 PROFESSIONAL

State-of-the-art control software

- + PLC control according to international standard IEC61131
- + Operating system: Windows XP (US) embedded
- + 19 inch TFT flat display with touch function
- with cutting plan display in moving 2D and 3D process graphics

Technical data (basic equipment)

Saw blade projection 95 mm

Saw carriage feed:

forward 1-150m/min

reverse constant up to 150 m/min

Program Slider Speed:

forward 25m/min; reverse 90 m/min

Automatic print bar height control yes

Automatic cutting height yes

Adjustable pressure bar contact pressure yes

Adjustable collet contact pressure yes

Completely darkened machine table (saw body) yes

angle pressing device

min. pressing width 0 mm

max. pressing width complete cutting length

Main saw motor 13.5 kW (max. 18)

Working height 920 mm

Main saw blade 380 x 4.4 x 60 mm

Scoring saw blade 180 x 4.4 - 5.4 x 45 mm

Quality standards:

- + CE tested + GS tested + FPH wood dust tested
- + Positioning accuracy of the program fence +/- 0.1 mm/m

Model-specific machine data

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Cutting length 4300 mm

Lift table size 4300 x 2200 mm

Plate dimension for lifting table loading

max. 4300 x 2200 mm

at least 1200 x 400 mm

Stack height lift table

when installed at floor level max. 560 mm

when installed in a pit max. 780 mm

Payload lift table max. 4 tons

Roller track (10-track element) 1 piece

Roller track (2-track element) 6 pieces

Collets 7 pieces

Pitch 75/275/475/1075/1825/2625/3425 mm

measured from the angle ruler to the middle of the collet

Scanning device Pos. 2375 mm
Air cushion table with castors
2160 x 800mm 1 piece
2160 x 650 mm 3 pieces
Central fan 1 piece
Nozzle division of the air cushion tables 70 x 70 mm
LABELING PACK BR 3/4/5
1) Labeling with part graphics
2) label program
3) Label printer Pica 108
4) Printer housing (extendable 200 mm)

CUTTING PROFI(T) PACKAGE: PRACTIVE
contains:

1) Optimization program Cut Ri(t)PRACTIVE
2) Data transfer online + USB port
OPTIMIZATION PROGRAM CUTTING PROFI(T) PRACTIVE
- Label printing for individual parts, definable number of
parts, stack, per cutting cycle (package) and for leftovers.

PROTECTIVE PACKAGE FOR PROGRAM SLIDE GUIDE + LIFTING TABLE

2 MICRO SLOTS
Measuring and loading unit for loading plate packs.

RETENTION DEVICE FOR THIN PLATES
For HPL/HKL BR 3/4/5 profiLine.
for thin boards with a thickness of at least 3 mm

POWER CONCEPT HPP/HPL/HKL 380/430 3800/4300 *
Immense increase in performance of the system includes:
1 collet 'Power Concept' (3-finger) item 100 mm
Can be positioned independently of the program slide!
2) 5 inclined stroke collets

LEFT HAND VERSION PROFI BR 3/430/5 *
1 LFDM SECURITY FENCE Height: 1800 mm
1 DOOR ELEMENT FOR SAFETY MESH FENCE
with safety lock, 1000 mm wide, 1800 mm high

1 AIR CUSHION TABLE 2810 MM INSTEAD OF 2160 MM
Pos.: 1. LKT from angle ruler

PART BUFFER HPP/L BR 3/4
For process optimization and reduction of cycle times.

CADLINK CONVERSION PROGRAM + ONLINE
Enables the connection of optimization programs,
the output format is a PTX or
MDB cutting plan file according to HOLZMA specification
generate,

COOLING UNIT FOR SINGLE SAWS

DOCU. AND CONTROL TEXTS: FRENCH
Scope of delivery:
1. Operating instructions in French consisting of operating and
maintenance instructions on DIN A4 paper and CD-ROM
2. Screen operating texts in French for machine operators, for
the CADmatic 3.0 or 4.0 control
3. Description of spare parts in French on CD-ROM