Used machine - Year 1998
Panel saw Holzma HPP 81/42
Machine number: 0-240-06-2677

OPTIMAT HPP 81/38

PLATING CUTTER, type OPTIMAT HPP 81/42-CAD
Automatic panel sawing saw for tear - free and dimensionally accurate separation of coated
And uncoated boards of wood materials
To be painted. Special materials.

Control Optimat

- compact, freely programmable CNC control
- approx. 2000 cutting addresses
- menu driven operator guidance, multilingual
- Clear text error diagnosis
- Positioning system via controlled AC servo motor
- Fixed positioning for sawing against fixed stop
- CD screen, graphical representation of the entered cutting plans and the cutting sequences

Saw carriage

- Steel structure, equipped with main and scoring saw
- Main saw and scoring saw on the double side, no saw blades run
- Main saw and scoring saw each driven by toothed belt
- "Monotrack" -saulage guidance system, guides
(Vertically arranged) in the immediate vicinity of the cutting line prevent the assembly
Of vibrations and their effects on cutting quality
- 10 years guarantee on the guideways of the saw carriage
- infinitely adjustable feeding speed
- automatic cut height adjustment
- automatic cut length control over the workpiece
- easy change to: navigation, search
- Suction via chip channel

Pressure bars

- double-sided guided with parallel compensation via rack with dust protection curtain

Program slides

- parallel to the outside by means of toothed rods, with a strong balancing shaft and
Centrally arranged three-phase servo drive
- active safety system without guarantee
- free accessibility to all pneum. And electr. Switch elements - high service friendliness

Measuring system

- This measuring system developed by HOLZMA works without contact and
No mechanical wear
- dust-resistant
- high dimensional accuracy in continuous operation

Machinery

- rear machine table (program slide) designed with the appropriate number
Roller rails for easy and gentle transport of the panels
- Machine - covered with large, abrasion - resistant table supports, which can be used in the area
The collet chuck positions are excluded. As a matter of fact -

Machines and.
- Saw blade feed direction from left to right against the angle stop

Automatic angle presser

- working on one side, automatically behind the cutting line in the sawing cycle
- no presetting required
- Max. Pressing width 1300 mm
- min. Pressing width 50 mm

Technical specifications

Main motor 13.5 kW
Scoring saw motor 2.2 kW
Clamping collet opening max. 85 mm
Saw blade diameter 380 mm
Saw blade overlap 85 mm
Saw carriage feed advance 5 - 70 m / min
Sawing carriage feed return constant 70 m / min
Program slide speed
Flow / return max. 40 m / min
(A maximum forward speed of 25 m / min is required in countries of the EU.)
Compressed air 8 bar
Operating voltage 400 V / 50 Hz
CE-approved, GS-tested, FPH-dust-tested
Minimum suction speed at the suction connection 30 m / sec
Suction connection Chip channel diameter 160 mm
Suction connection Pressure bar diameter 160 mm
Operating temperature min. + 5 degrees
Operating temperature max. + 35 degrees
A cooling unit (sales no. 6150) will be used if the temperature is below or below.
For mains fluctuations greater than +/- 10%, a voltage constant holder must be used on site.

OPTIMAT HPP 81/42

Cutting length 4200 mm
Cutting width (program slide travel distance) 4200 mm
7 collets
Graduation 50/250/450/1050/1850/2650/3450 measured from the angle of the ellipse to the center of the clamp
4 air cushion tables with 1 fan 2160 x 650 mm

N.02 Number: 0202 1 piece
INPUT FORGING, TYPE VVSH / D IN PROGRESS
Vertically from below in the passage,
About machine parameters. For splinter-free pre-cutting of edge-glued workpieces
As well as postforming parts. Sawing motor 2.2 kW.
75 mm Saw blade overlap with saw blade diameter 340 mm.
Can only be used with Topmatic-Plus or CADmatic

W.02 Number: 9002 1 piece
MAIN SAW BLADE HM 380 X 4,8 X 60 Z = 84 (trapezoid / trapezoid) trunk thickness 3,5 mm

W.04 Number: 9030 1 piece
MACHINING MACHINES HM 200 X 4,8-5,8 X 45 Z = 36 (conical) Trunk thickness 3,5 mm

W.06 Number: 9034 1 piece
POST FORMING MACHINING BLADE HM 340 X 5,0 X 45 Z = 108
Breastplate thickness 3.5 mm

B.12 VOLTAGE
Voltage 400 volts / 50 Hz

GROOVING PROGRAM FOR CADMATIC
Grooving program with graphic input and process graphics.
position (longitudinal and transverse), edge distance,
Depth and width freely selectable. symmetrical
Slot distribution possible. grooves or
Folding in the cutting cycle.