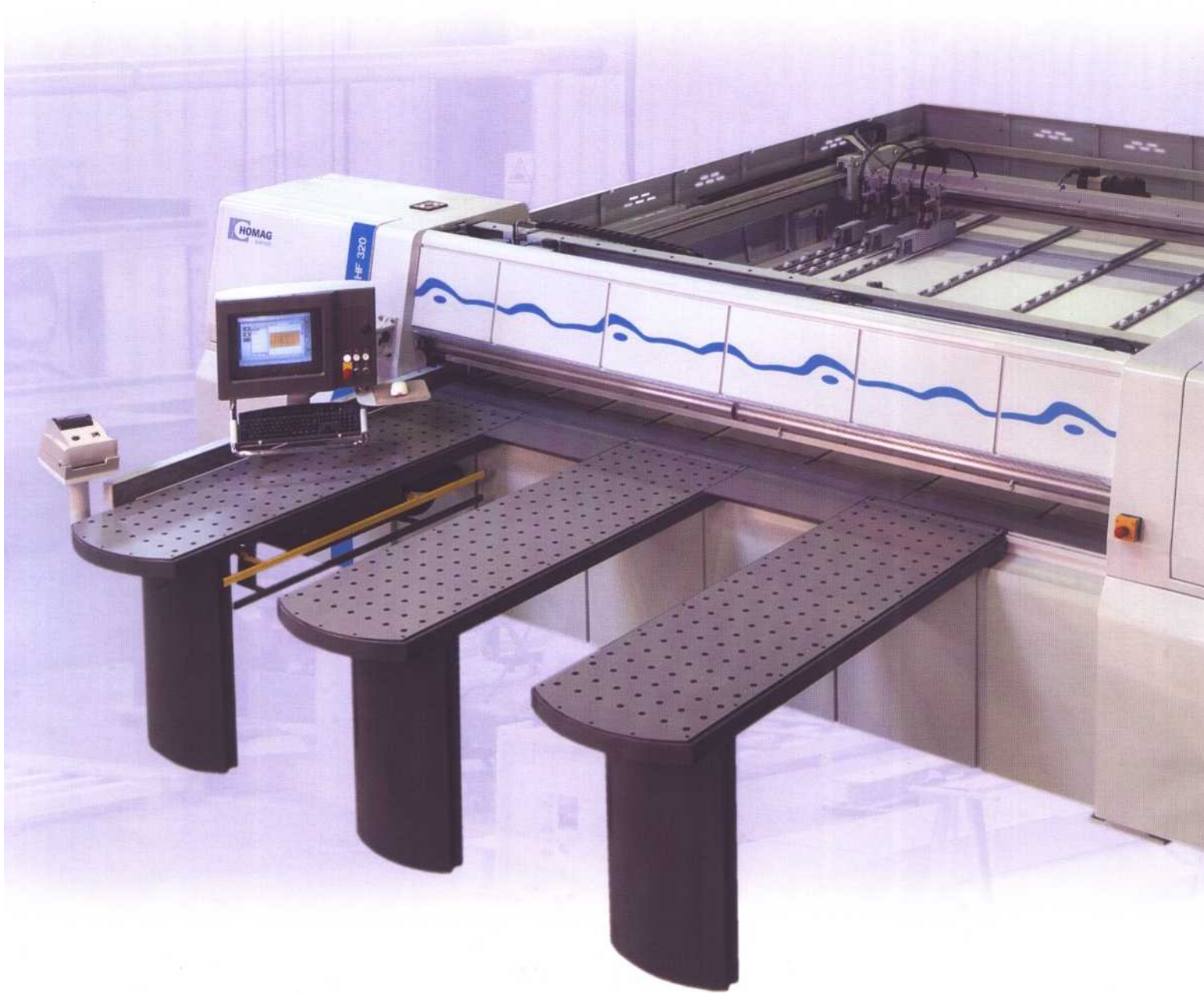




Electronic Horizontal Panel Saw OPTIMAT CHF 320

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Beat your cutting problems !

The Optimat CHF 320 offers high cutting capacity and advanced features at an exceptional price. Class leading performance achieved through pioneering technology define the CHF 320 automatic panel saw. Quality and reliability are second to none, making this the saw you can count on.

Standard Equipment:

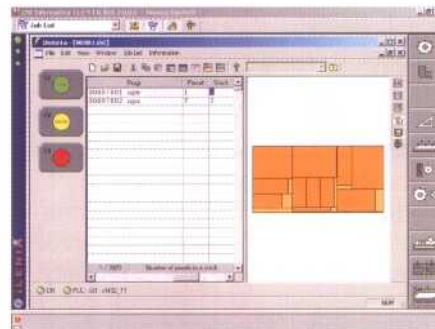
An impressive list of standard features offers maximum productivity from day one.

- Air tables 1.920 x 600 mm
3.200 and 3.800: 3 Tables,
4.400: 4 Tables
- Automatic single side pressure device (Optional: double side aligner!)
- PC Controller
- Optimizer "Easy-Cut"
- Remote diagnostics
- Network card
- Automatic adjustment of cutting height, cutting length, side pressure device and pressure beam
- Quick change system for saw blades
- Scoring saw adjustment from outside
- Grooving device
- Veneer stops



PC Controller

- PentiumPower for a quick run of the cutting patterns.
- Virtually unlimited storage capability with a large capacity hard drive and WINDOWS ® operating system.
- On board Optimizer "Easy-Cut". Entry level optimization installed as standard.
- Ethernet Network connectivity, to transfer programs, work lists, labels etc... from the office.
- Connect to external optimizer or cabinet software packages.
- Modem and connectivity software for remote diagnostics by telephone.
- A 15" screen, keyboard and optical mouse ease the use of the panel saw
- Fully graphic Control software.
- Easy use in manual mode.
- Absolute and incremental data entry (with graphics).



- Fully graphic user interface. Allowing all functions of the saw to be operated comfortably within a WINDOWS ®environment using icons and windows for the different operation modes and graphic display of the automatic production mode including parts information, with real time label generation for each workpiece.
- Fast data entry in semi-automatic mode with full board measurement by the saw.
- Powerful cutting pattern editor, for quick creation of cutting patterns at the saw without the use of an optimizer.



A modern PC controls all the movements of the saw and functions using a comfortable user interface between man and machine with graphical support for all functions offering quick access to the whole range of operations available on a modern panel saw.

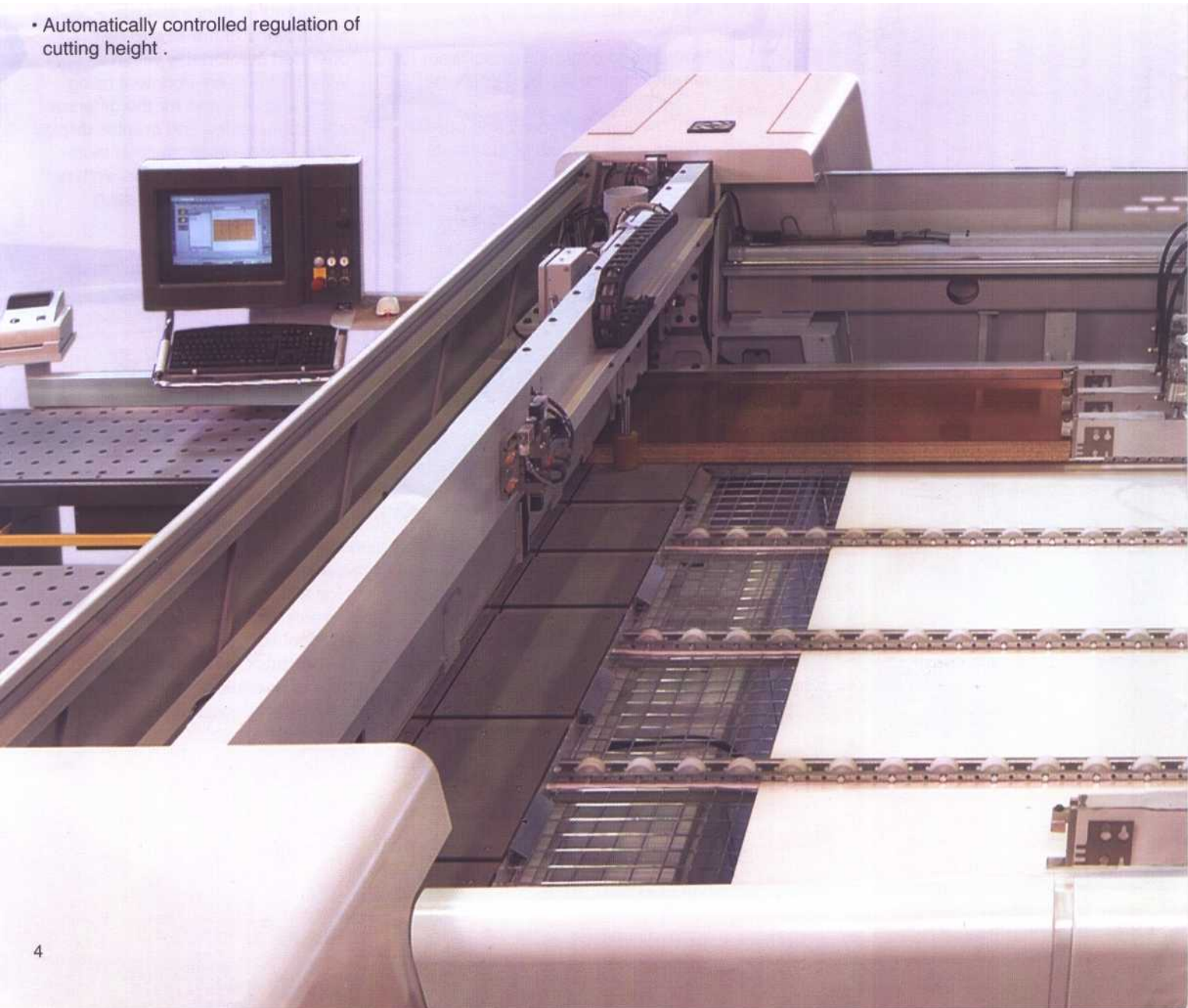
Technical Highlights Optimat CHF 320

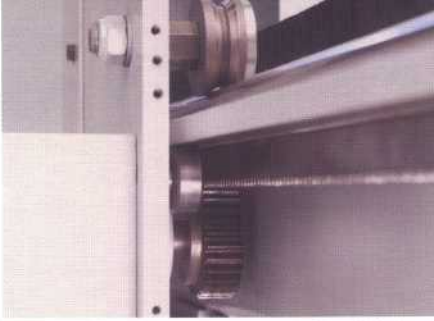
Advantages

The CHF 320 series has numerous technical features designed to give you maximum performance and ease of use. The optimisation of systems to reduce cutting cycle times is particularly outstanding.

- Robust machine bed guarantees an optimum cutting quality with an innovative traction system: "Silent Drive" for the saw carriage. Higher speed and less vibration guarantee a better performance and cut quality.
- Maintenance free saw carriage guiding system.
- Automatically controlled regulation of cutting height .

- Automatic control of the saw carriage travel.
- Stepless electronic regulation of saw carriage speed.
- Quick change of the saw blades (Power-Lock).

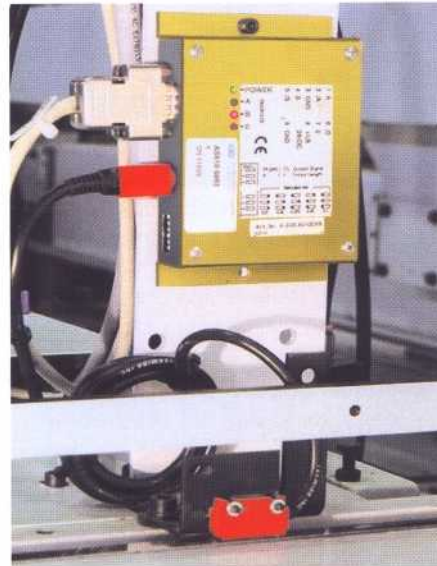




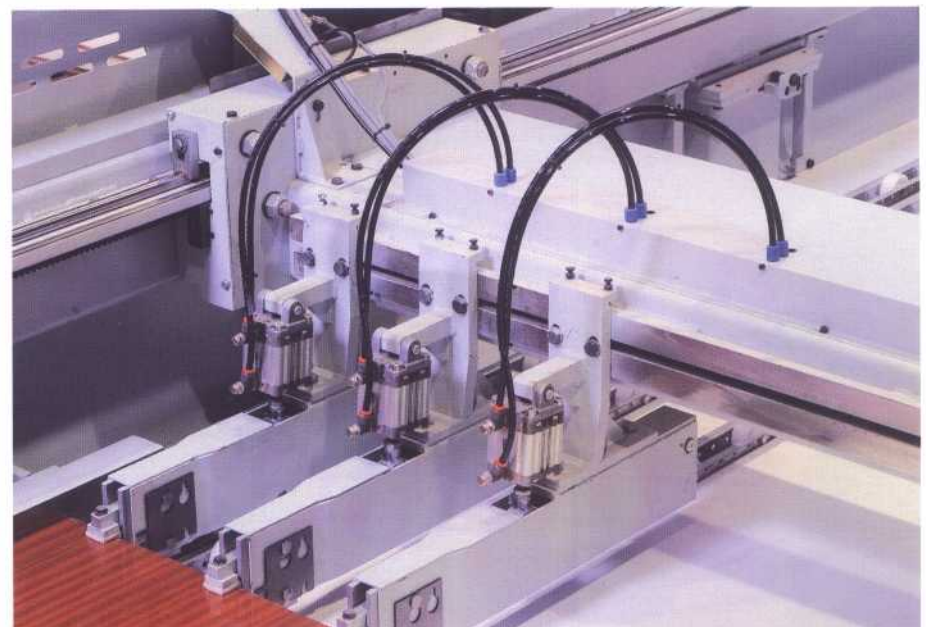
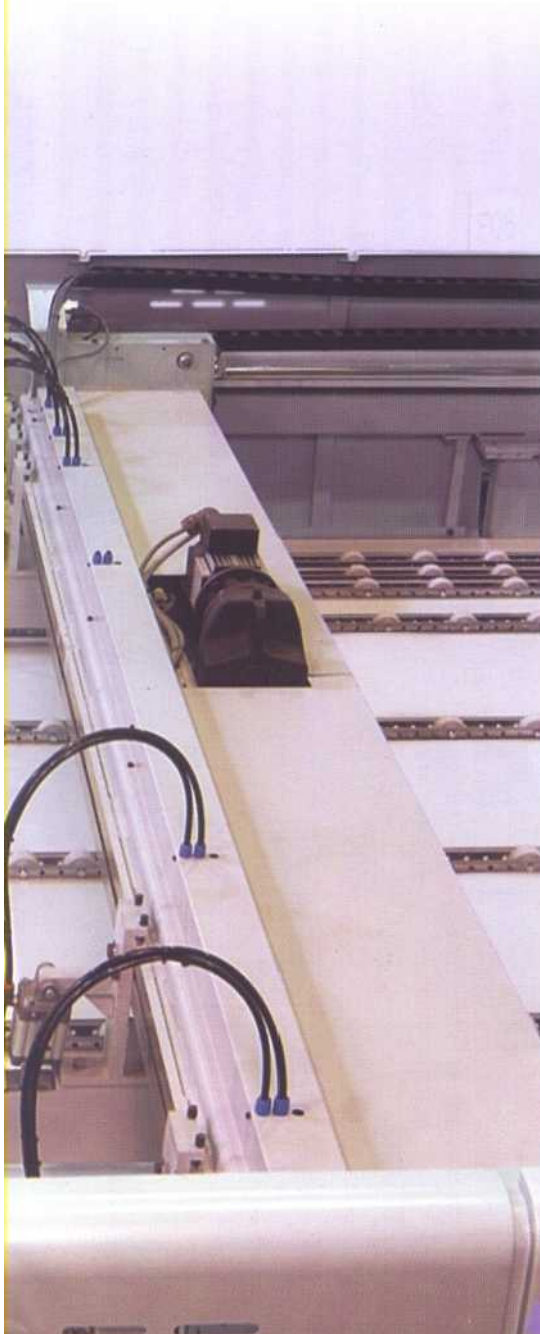
- Easy scoring saw adjustment from outside the machine.
- Precise bilateral rack and pinion transmission of the program fence, with absolute parallelity and maintenance free steel rollers and guides. The traction and guiding system is covered against dust intrusion and uses dust scrapers for the round bars.



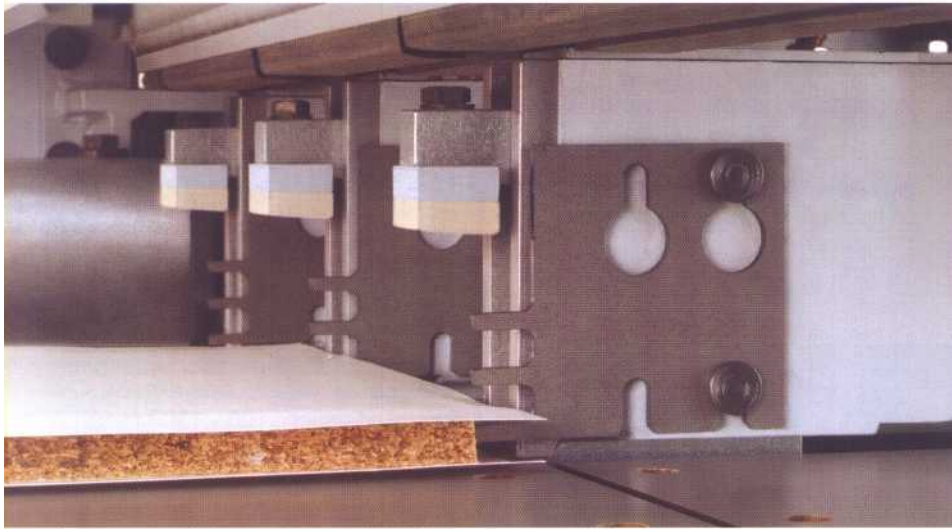
- Intelligent automatic side aligner (Range of action: 100 - 1300 mm). Prepositions to the cross cut. Available either single sided or optional double sided.



- High precision, contact-less electromagnetic measuring system designed to deliver superb dimensional accuracy for the lifetime of the saw.

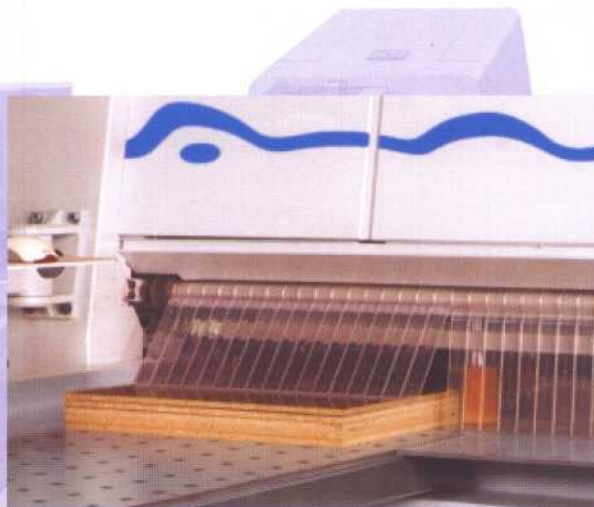
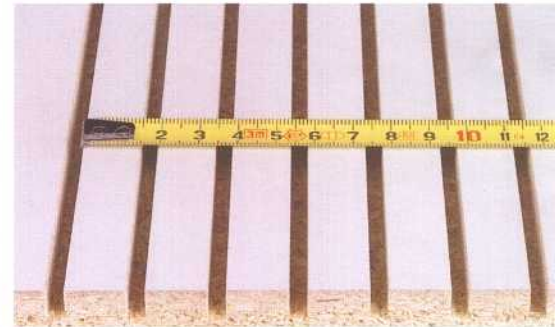


- Optional servo drive in the program fence, guaranteeing a fast and precise positioning of the fence at 80 m/min.
- Strong pneumatic clamps keep all types of material in its place. Raw particle board or covered board, MDF, solid wood, plastic laminate and plywood as well as synthetic materials can be handled easily. The clamping action draws the boards towards the clamps. To minimize the off cut on the last piece the clamps travel to the cutting line through infeed gaps in the pressure beam.



- The versatility of the saw is enhanced with the inclusion of standard features such as stops for trimming overhanging veneer/laminate and an automatic grooving device that is controlled by the software and easily programmed to adjust groove width and create multiple groove patterns.

- The CHF 320 complies with all the current safety regulations including minimal dust and noise emission.



- To minimise each cutting cycle, an electronic control limits the movement of the steel pressure beam and a flap type safety curtain is used that remains on the panel during the cutting sequence, thus eliminating wasted travelling time.

Optional accessories:

The Optimat CHF 320 can be equipped with several options that adapt the saw to all kinds of production needs offering you the greater flexibility for your applications.

- Optional "Servodrive" for the programme fence and a double sided aligning device, "Laser Light" and "Miter Fence" as well as external optimizer and label printing will give you the versatility and production capacity you need.



800.0
Melamine white (3.0) Prg. 00401

Side_01 1

Dim: 8020 x 4060 x 16.0 mm

Material: White

Melamine white (1.0) Prg. 00400

Melamine white (1.0) Prg. 00400

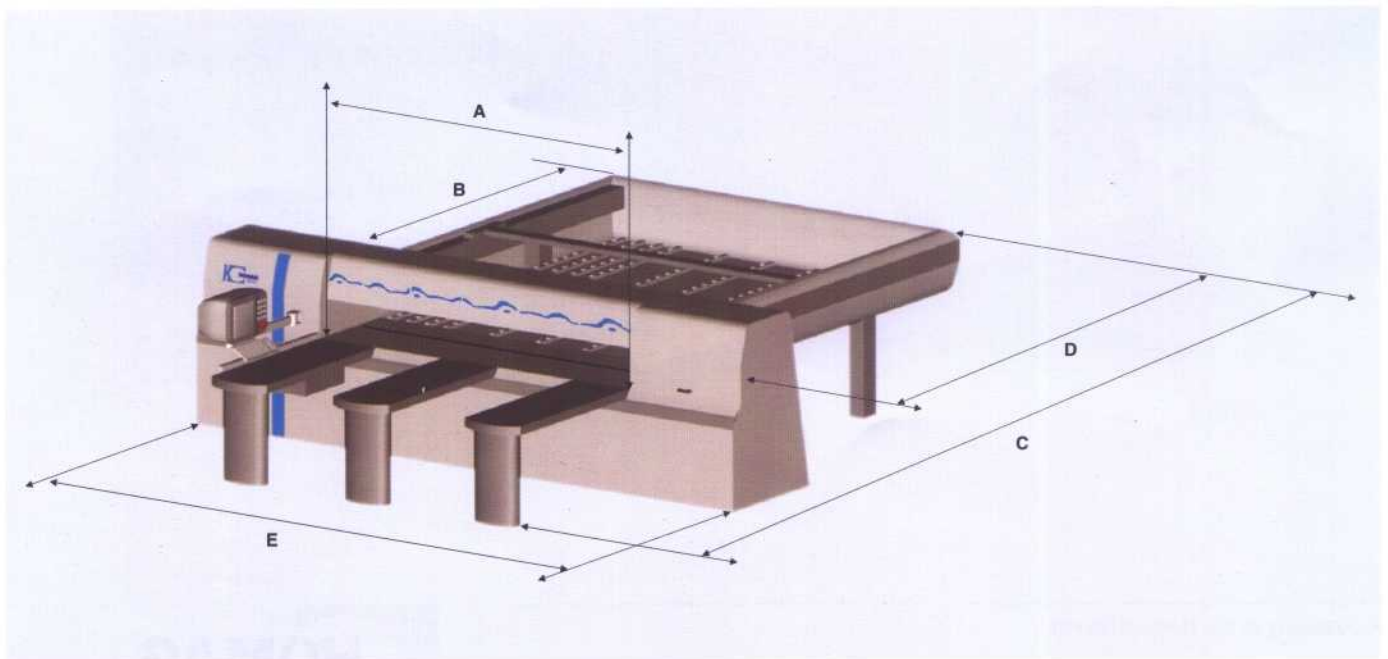
Melamine white (3.0) Prg. 00401

CUT RITE MODULAR

1	800x400	1	800x400	3	800x200
				3	800x200
1	800x400	1	800x400	3	800x200
				3	800x200
3	800x200	3	800x200	3	800x200

Technical data OPTIMAT CHF 320

Saw blade projection:	mm	72		
Main saw blade diameter :	mm	350 x 75		
Main saw power:	kW	7,5 (Optional 9,2 kW)		
Scoring saw power:	kW	1,1		
Advance saw carriage speed:	m/min	0-60		
Return saw carriage speed:	m/min	60		
Program fence speed:	Standard	m/min	20	
	Optional SERVODRIVE	m/min	80	
Clamps:	Cutting length	3.200	3.800	4.400
	Quantity	5	6	6
Compressed air consumption:	L/min	20-30		
Air pressure:	Bar	6		
Electrical consumption approx.:	kW	18		
	V/Hz	380/50		
Dust extraction:	m³/h	3.500		
	m/sec	25		



Dimensions	mm				
	A	B	C	D	E
CHF 320/32/32	3.200	3.200	6.412	4.285	5.808
CHF 320/38/38	3.800	3.800	7.012	4.885	6.408
CHF 320/44/44	4.400	4.400	7.522	5.485	7.008



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