



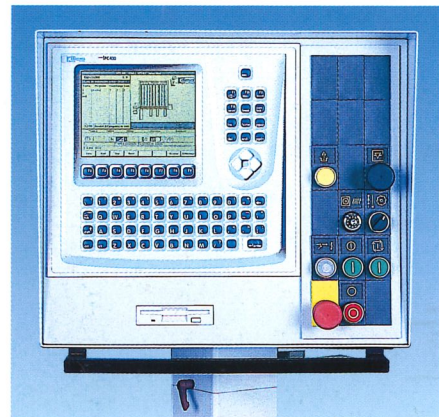
## Electronic Panel Saw OPTIMAT CH 04

A powerful tool for  
the small to medium  
size production  
facility.

# Panel cutting and sizing with an excellent price/performance value

## Solving the cutting-problems of modern woodworking business

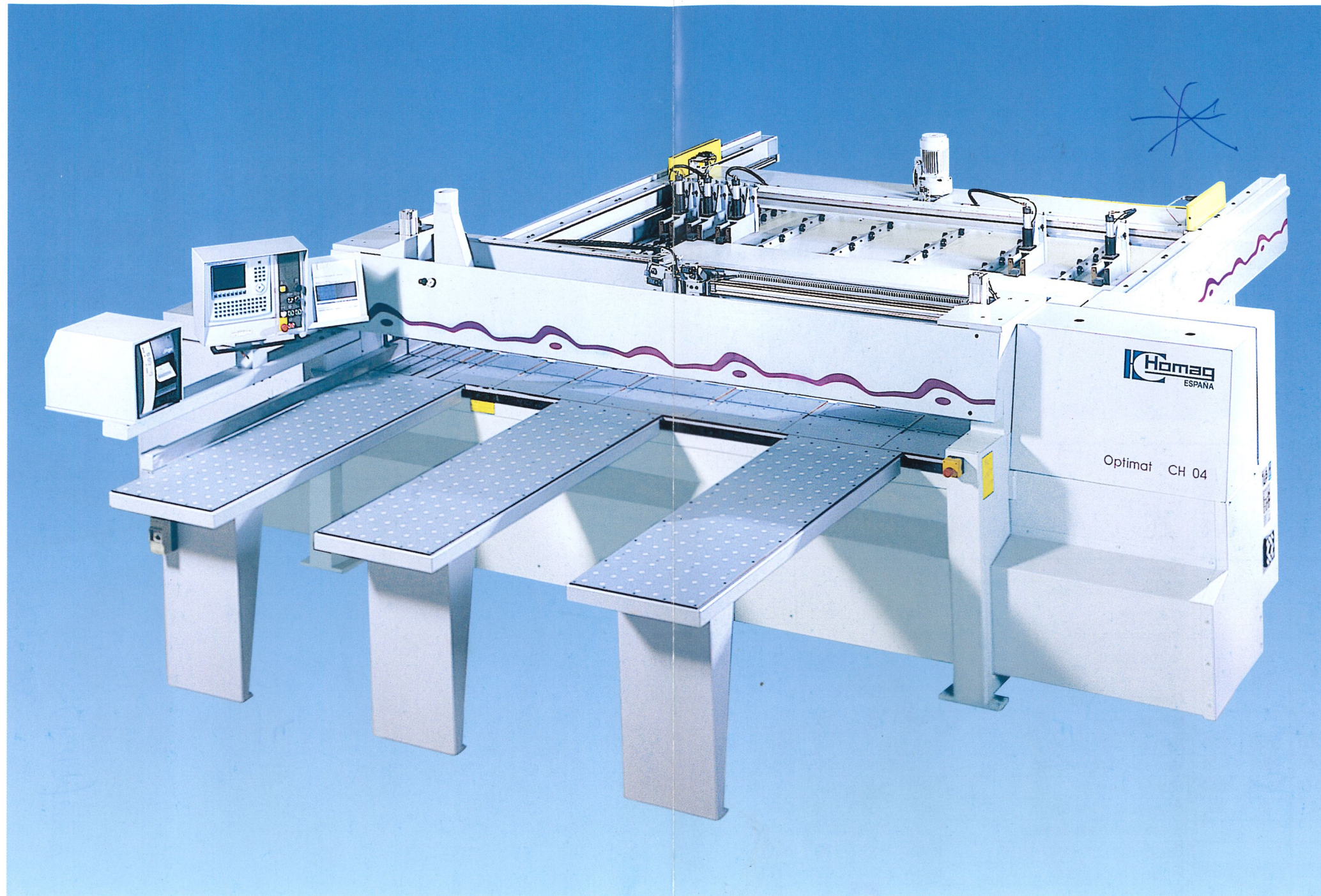
Economy, high precision as well as optimum cutting quality and real "One Man" handling, are important needs in the modern woodworking business. Automatic execution of cutting patterns as well as the use of cut-optimizers are new demands for a panel saw. The OPTIMAT CH 04 combines all these advantages in a modern, horizontal panel saw. Your gain: higher performance, lower costs and a new quality standard.



IPC controller

## The controller

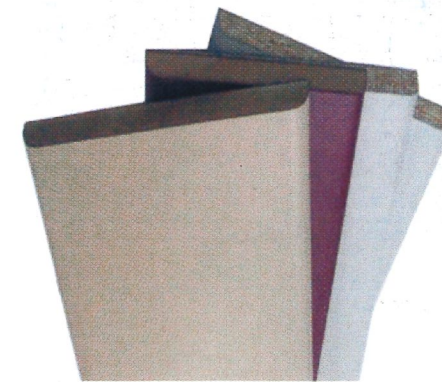
The Homag España panel saw Optimat CH 04 comes equipped with an IPC controller. Colour screen, Floppy Disk drive and a graphical user interface (WINDOWS (R)) are only some of the benefits of this controller. Easy to use, menu guided on screen graphics and Cutting Plan EDITOR makes it simple for the operator to work with



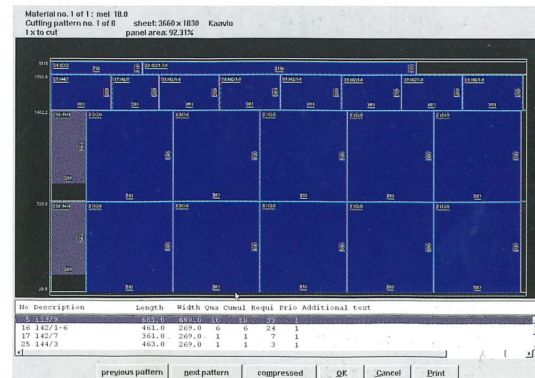
## Useful extras

To satisfy individual customers production situations we offer a number of options:

- Laser light
  - Angle-cutting-device
  - Grooving-device
  - Air tables
  - Additional clamps
  - ON-LINE connection
  - Optimization software/Postprocessor
  - Label Printer and Software
  - Spraying device
  - Saw-blade speed regulation
  - SOFT-/POSTFORMING unit with additional third saw-blade
- This group can be retrofitted at any time.



the saw. In the Automatic production mode every workpiece can be identified simultaneously with the work-flow of the saw on screen. The IPC controller can be connected via cable to an external PC to receive cutting patterns from an Optimization Program (WOODCUT). A special label printer can be installed at the saw to print on-line labels.

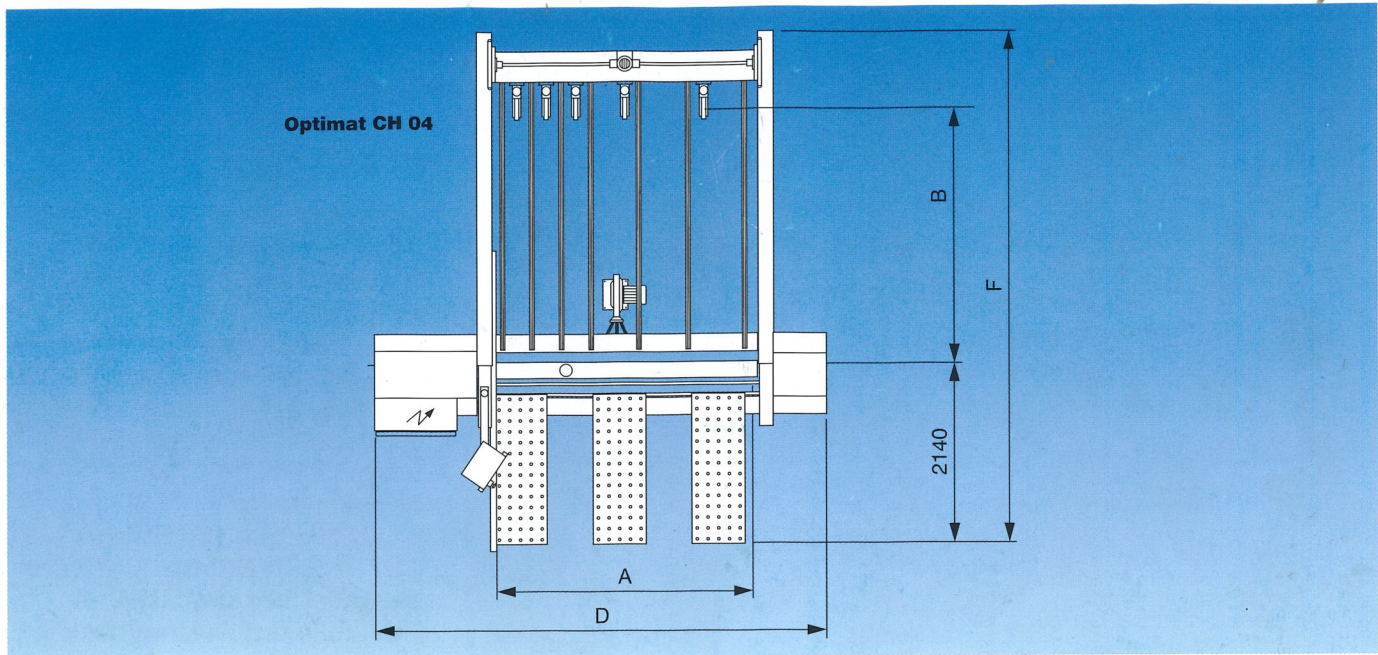


## Your advantages

- Durable and torsion-free machine-bed.
- Precise parallel guided programme with bilateral rack and pinion system.
- Automatic side-alignment-device for exact cross-cutting (100-1300 mm).
- Precise electronic measuring system, with precision positioning.
- Maintenance free saw-carriage guiding system.
- Exceeds all modern safety regulations, including noise and dust emission.
- Fast cutting-cycles, automatic cutting-length sensor.
- Easy and fast saw-blade change.
- Scoring saw adjustment from outside.
- Step-less, variable electronic saw-carriage speed regulation.
- The saw carriage always cuts into the fence.

**The OPTIMAT CH 04 solves the cutting needs of cabinet, furniture and millwork manufacturers with an exceptional cutting quality.**

# Technical data



		OPTIMAT CH04 32/32/E	OPTIMAT CH04 38/38/E	OPTIMAT CH04 42/42/E		OPTIMAT CH04 32/32/E	OPTIMAT CH04 38/38/E	OPTIMAT CH04 42/42/E	
<b>Machine dimensions</b>					Connected load:	kW	11	11	11
Total width D:	mm	5840	6440	6840	Total extraction efficiency				
Total depth F:	mm	6340	6940	7340	at 25 m/sec:	m <sup>3</sup> /h	3400	3400	3400
Total height:	aprox. mm	2000	2000	2000	Pressure air supply:	bar	6-7	6-7	6-7
Working height:	mm	920	920	920	Air connection:		R 1/2"	R 1/2"	R 1/2"
Gross weight:	aprox. Kg	3700	4000	4500	<b>Other information</b>				
<b>Working dimensions</b>					Main saw motor:	kW	7,5	7,5	7,5
Cutting length A:	max. mm	3200	3800	4200	Main saw blade speed:	r.p.m.	4600	4600	4600
Cutting depth B:	max. mm	3200	3800	4200	Main saw blade diameter:	mm	350x75	350x75	350x75
Cutting height:	max. mm	30/60	30/60	30/60	Scoring saw motor:	kW	1,1	1,1	1,1
Option Post-/softforming:	max. mm	40	40	40	Scoring saw blade speed:	r.p.m.	5100	5100	5100
					Scoring saw blade diameter:	mm	180x45	180x45	180x45
<b>Connections</b>					Saw carriage advance:	m/min	6-45	6-45	6-45
Operating voltage/Frequency:	V/Hz	380/50	380/50	380/50	Program fence speed:	m/min	0,6/24	0,6/24	0,6/24
Controller voltage:	V/DC	24	24	24	Number of clamps:		4	5	5

Your sales partner:



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