



wood
perfection

wood
technology
profile



wood technology

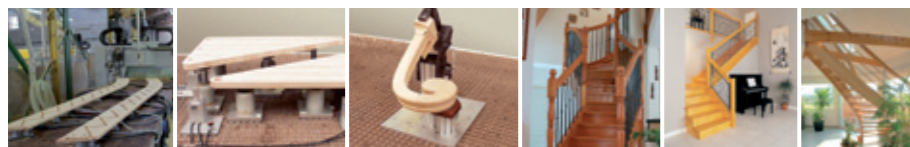
MAIN APPLICATION FIELDS



Wood technology applications and processings

wood perfection

staircases



chairs and bent parts



nesting



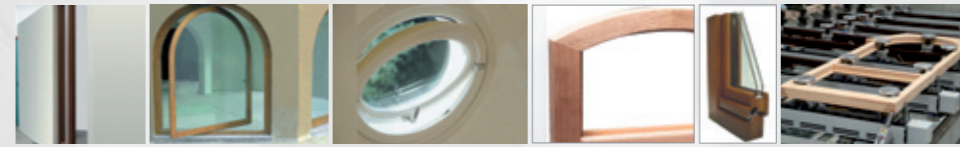
caravan



furniture



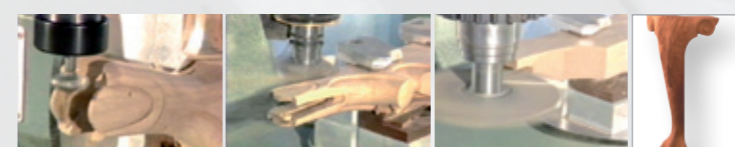
window and door frames



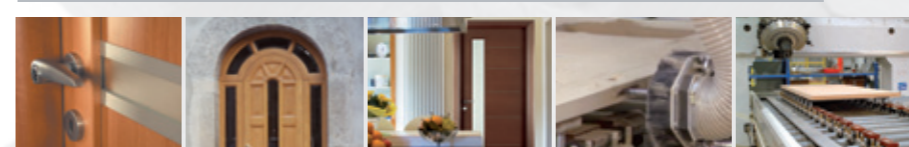
building industry



gunstocks and carved parts



doors



THE RANGE

CNC MACHINING CENTRES



Ares



Ares			
Linear axes	X	3600 mm + 6000 mm	80 m/1'
	Y	1800 mm + 2600 mm	80 m/1'
	Z	1200 mm	70 m/1'
Rotating axes	B	± 120°	9000 °/1'
	C	± 270°	9000 °/1'
5-axes operating units			
Power (S1)	12 Kw / 15 Kw		
Tool changer magazine	8 + 16 utensili / tools		

Karat



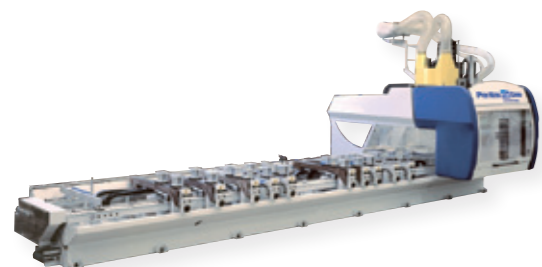
Karat			
Working plane			
		from 1 x 1860 x 1560 mm up to 2 x 3120 x 3120 mm	
Speed	X	100 m/1'	
	Y	100 m/1'	
	Z	20 m/1' + 30 m/1'	

Avant



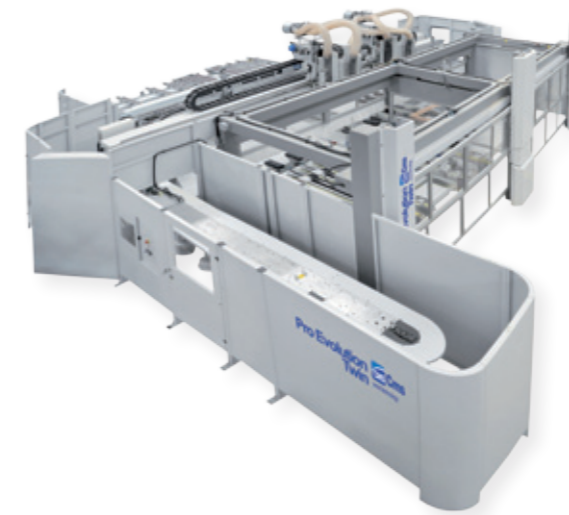
Avant			
Working plane			
	Depth	1530 mm + 2750 mm	
	Length	3500 mm + >12000 mm	
Speed	X	100 m/1'	
	Y	100 m/1'	
	Z	20 m/1' + 30 m/1'	

Pentax



Pentax			
Linear axes	X	3600 mm + 7500 mm	80 m/1'
	Y	1580 mm	80 m/1'
	Z	600 mm	30 m/1'
Rotating axes	B	± 120°	9000 °/1'
	C	± 270°	9000 °/1'
5-axes operating units			
Power (S1)	12 Kw		
Tool changer magazine	20 utensili / tools		

Pro Evolution Twin



Pro Evolution Twin			
Overall dimensions			
	Length	9300 mm + 11600 mm	
	Width	10800 mm	
	Height	3000 mm	
Blank size (Length-Section)			
	Min	190 mm - 22x40 mm	
	Max	6000 mm - 120x250 mm	
Operating units			
	Power - Max rotation	13 kW - 17500rpm	
	Connection	HSK 63E	
	Tool maxØ	350 mm	
	Tool max length (spindle nose)	302 mm	
Tool changer magazine			
	Max	84 tools	

PMT



PMT			
Linear axes			
	X	10500 mm + >60000 mm	80 m/1'
	Y	4400 mm + 9000 mm	80 m/1'
	Z	1200 mm	30 m/1'
Rotating axes			
	B	± 110°	9000 °/1'
	C	± 300°	9000 °/1'
5-axes operating units			
Power (S1)	28 Kw		
Tool changer magazine	20 utensili / tools		
Possibility to have an additional operating unit for blade ø 1080 mm			

SPECIAL THE RANGE SOLUTIONS FOR IN-LINE PRODUCTION



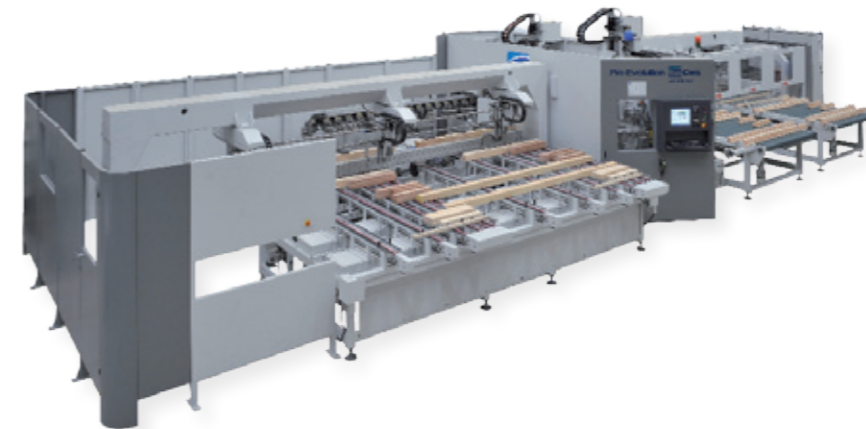
Over 30 years of custom solutions

CMS mission is written in its name (Costruzione Macchine Speciali, construction of special machines), that is finding the most suitable production solution, together with the Customer. The pictures hereby represent only part of the machining centres specially designed and successfully manufactured to meet customers' requirements.



PRODUCTION OF PRE-FINISHED COMPONENTS FOR WINDOW AND DOOR FRAMES

Pro Evolution



Pro Evolution

N°. of windows produced in 8 hours (prefinished mode)

Pro Evolution 1	30
Pro Evolution 2	60
Pro Evolution 3	80

Productivity refers to a window with:

dimension 1,300 x 1,400 mm
thickness 68 mm
double openers (no.12 parts - air 12)
counter profile and dowels

PRODUCTION OF STRAIGHT BEAMS



Suprema

Suprema

Automatically machinable workpiece

Min. section	45 x 45 mm
Max. section	300 x 650 mm
Max.length	18000 mm

Manually-loaded machinable workpiece

Max. section	300 x 3000 mm
Max. length	2400 mm

Possibility to have an additional operating unit for blade \varnothing 920 mm

CONVIPA

THE COMPANY

WCCENBS-0411E



CMS Industries brings together 6 brands, each one dedicated to a specific industrial sector. The company, CMS SpA, founded in 1969, has reached a turnover of 100 millions Euros, with 4 subsidiaries and a worldwide sales network.

Over 5500 machines manufactured and installed worldwide, a production range covering all woodworking applications, an expertise enriched also by the production technology for other non-wood sectors such as aerospace and automotive: these are just some of the distinctive features making CMS the best partner for all its customers, with standard and special machines that can solve all major and typical problems of the wood industry.



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