



wood
perfection

wood
technology
profile



wood technology

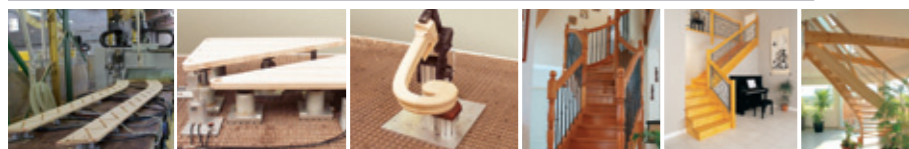
MAIN APPLICATION FIELDS



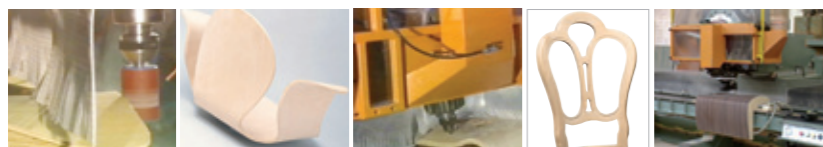
Wood technology
applications and processings

wood
perfection

staircases



chairs and bent parts



nesting



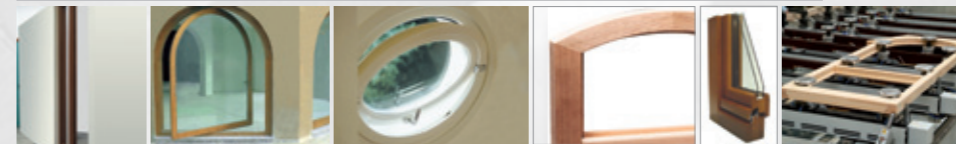
caravan



furniture



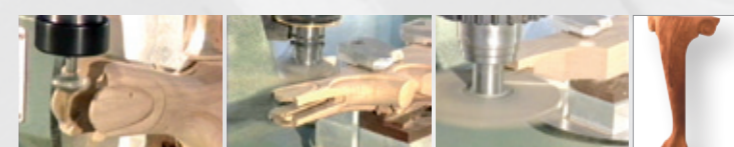
window and door frames



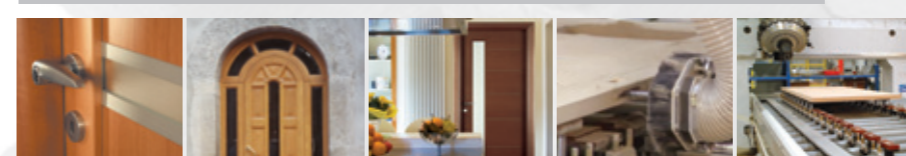
building industry



gunstocks and carved parts



doors



THE RANGE

CNC MACHINING CENTRES



Ares



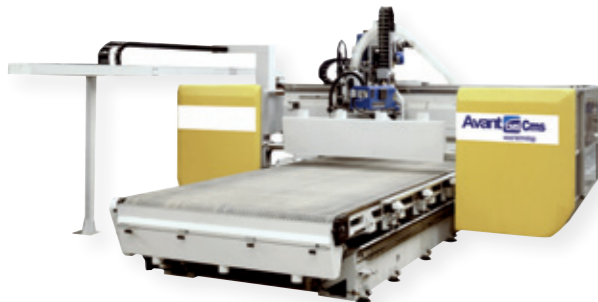
Ares			
Linear axes			
X	3600 mm + 6000 mm	80 m/1'	
Y	1800 mm + 2600 mm	80 m/1'	
Z	1200 mm	70 m/1'	
Rotating axes			
B	± 120°	9000 °/1'	
C	± 270°	9000 °/1'	
5-axes operating units			
Power (S1)	12 Kw / 15 Kw		
Tool changer magazine			
	8 +16 utensili / tools		

Karat



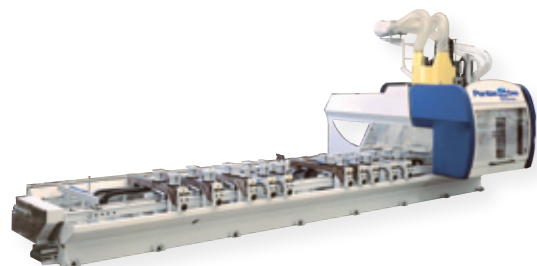
Karat			
Working plane			
	from 1 x 1860 x 1560 mm up to 2 x 3120 x 3120 mm		
Speed			
X	100 m/1'		
Y	100 m/1'		
Z	20 m/1' + 30 m/1'		

Avant



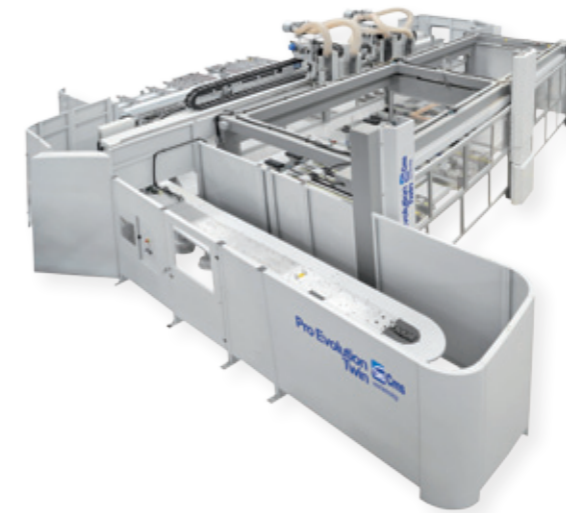
Avant			
Working plane			
Depth	1530 mm + 2750 mm		
Length	3500 mm + >12000 mm		
Speed			
X	100 m/1'		
Y	100 m/1'		
Z	20 m/1' + 30 m/1'		

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 changermagazine			
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 INLINE PRODUCTION



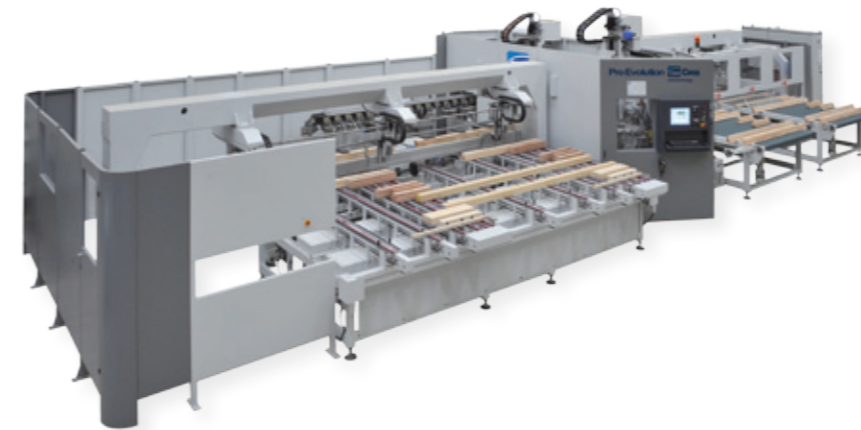
Over 30 years of custom solutions

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

WCGENBS-0212E



Founded in 1969, CMS SpA is the head of CMS Industries, a brand name that brings together 3 companies, has reached a turnover of 100 millions Euros, with 4 subsidiaries and a worldwide sales network. CMS Industries products, CNC machining centres, thermoforming machines, CNC cutting robots, waterjet systems, compete to produce space shuttles, military and civil aircrafts, Formula 1 cars, competition and road vehicles, America's Cup boats, yachts, wind power generators, joining together processing quality and precision, studied technology based on the customer's needs, able to cover several production phases, but also optimized for every single process.



www.cmsindustries.it



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