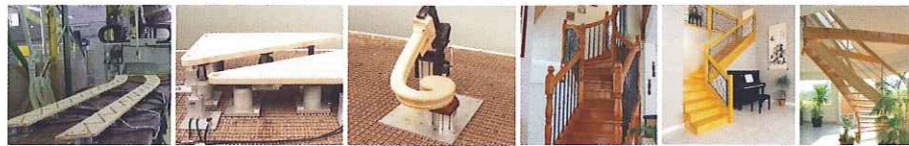


Brand Profile Wood



Wood technology applications and processings

staircases



chairs and bent parts



nesting



caravan



furniture



MAIN APPLICATION FIELDS

wood perfection

window and door frames



building industry



gunstocks and carved parts



doors



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



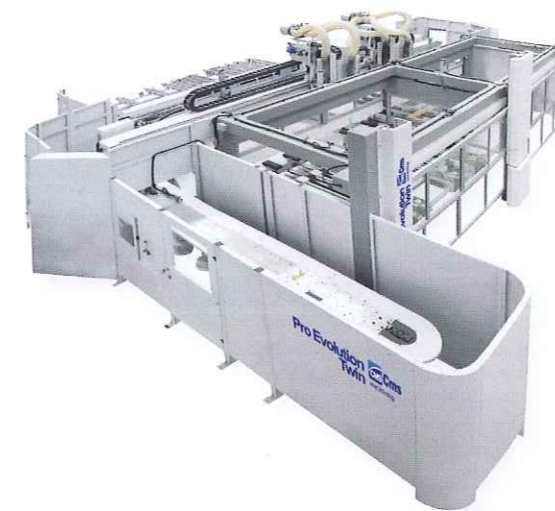
Avant		
Working plane		
Depth	1530 mm + 2750 mm	
Length	3500 mm + >12000 mm	
Speed		
X	100 m/1'	
Y	100 m/1'	
Z	20 m/1' + 30 m/1'	

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 max Ø	350 mm	
Tool max length (spindle nose)	302 mm	
Tool changemagazine		
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



Over 30 years of custom solutions

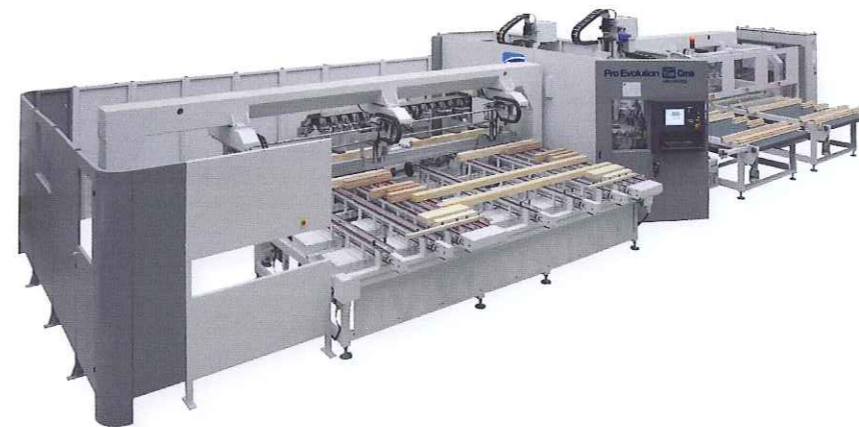
CMS mission is written in its name (Costruzione Macchine Speciali, construction of special machines), that is finding the most suitable production solution, together with the Customer. The pictures hereby represent only part of the machining centres specially designed and successfully manufactured to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



SOLUTIONS FOR IN-LINE PRODUCTION

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 ø 920 mm

Fondata nel 1969, C.M.S. SpA è a capo di CMS Industries, un marchio che raggruppa tre divisioni, con un fatturato consolidato di 100 milioni di Euro, quattro filiali ed una rete commerciale e di assistenza clienti che copre tutte le aree geografiche del mondo. CMS Industries è specializzata nella produzione di centri di lavoro multiassi a controllo numerico, termoformatrici e sistemi di taglio a getto d'acqua. Questa varietà di offerta permette a C.M.S. di soddisfare le necessità di molti settori industriali: aerospaziale, automobilistico, nautico, generazione di energia eolica, occhialeria, meccanica, edilizia, modelli, prototipi, lavorazioni pietra, vetro e legno. L'ampia gamma di prodotti, insieme a qualità e precisione di lavorazione, offre soluzioni innovative ed efficienti, capaci di coprire le diverse fasi del processo produttivo o le specifiche esigenze dei clienti.

Founded in 1969 C.M.S. SpA is the head of CMS Industries, a brand that brings together three divisions, with a consolidated turnover of 100 million Euros, four branches and a worldwide sales and customer service network. CMS Industries specializes in the production of multi-axis CNC machining centres, thermoforming machines and water-jet cutting systems. This wide production range enables C.M.S. to meet the needs of several industrial fields: aerospace, automotive, marine industry, wind power generation, eyewear, building, mechanicals, moulds, prototypes, stone, glass and wood processing. This wide range of products, combined with processing quality and precision, offers flexible, innovative and effective solutions to meet the various production process phases or the customers' specific needs.

