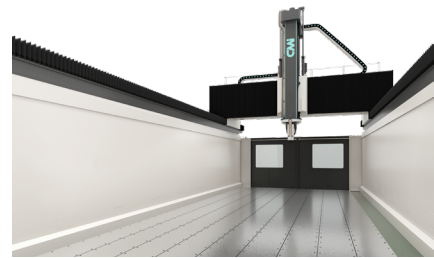
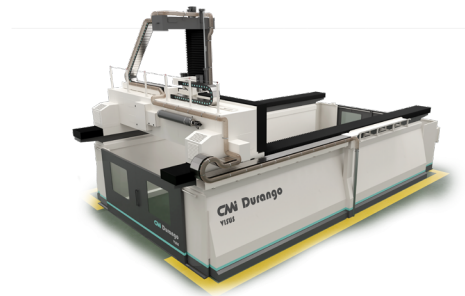
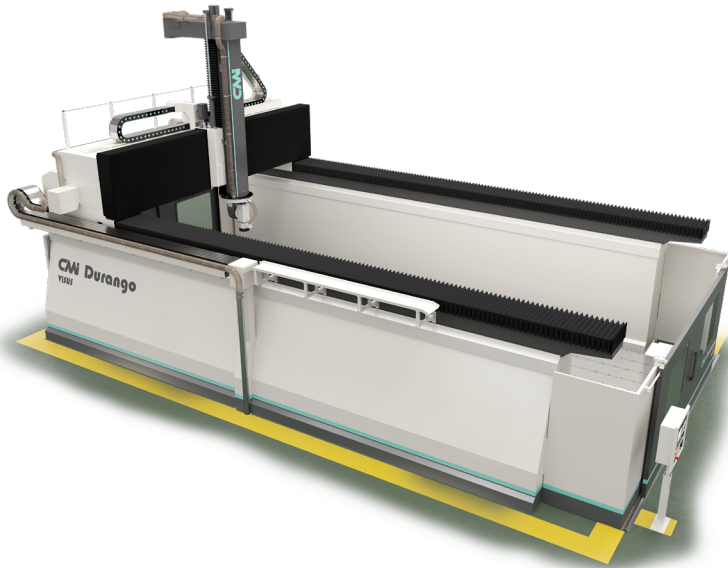


# VISUS Milling Machines

5-axis Gantry milling machine with exceptional features for milling soft materials.

APPLICATIONS:  



## 5-AXIS VISUS MILLING MACHINE

### Technical characteristics

Longitudinal Path (X)	5,000 ÷ 20,000
Transversal Path (Y)	2,500 ÷ 5,000
Vertical Path (Z)	1,000 ÷ 1,750
Distance between columns (mm)	3,825 ÷ 6,325
Maximum distance between spindle and table (mm)	1,150 ÷ 1,900
Maximum feed rate X-axis (m/min)	40
Maximum feed rate Y-axis (m/min)	40
Maximum feed rate Z-axis (m/min)	24
Maximum table weight (kg/m <sup>2</sup> )	Depends on configuration
Drives on X-Axis	4 rack and pinion motors (2+2)
Drives on Y-Axis	2 rack and pinion motors
Drives on Z-Axis	Ball screw spindles

Precision according to ISO 8636-1:2000

## Headstock

	A-Axis	C-Axis	A-Axis	C-Axis
Nominal/Maximum Torque (Nm)	400/770	430/820	500/1,200	
Rotation speed (°/s)	360		120	200
Locking torque (Nm)	1,500	1,400	1,080 (tyre brake)	
Rotation angle (°)	±110	±360	±100	±245
Measurement system	Absolute		Gradual	
Positioning precision (")	±5	±2	30	
Approx. total weight (kg)	350		280	
				
Spindles	CS20-135-A	CS18-135-S	ES-510	
Power S1/S6 (kW)	20/26	18/23	24/28,8	
Nominal speed (rpm)	6,000	3,000	6,000	
Torque S1/S6 (Nm)	33/42	56/72	38/46	
Max. speed (rpm)	24,000	18,000	18,000	
Cone housing	HSK-A63	HSK-A63	HSK-A63	
				

## CNC



SIEMENS 840D



HEIDENHAIN ITNC 640



FANUC 31i-B5



FAGOR 8065

## Accessories

● Standard ○ Optional

Tool regulator	●	Laser tool	○
Perimeter fencing	●	Probe tool	○
16 tool changer	●	2 work areas	○
Suction hood	○	Full enclosure	○
Suction equipment	○	12/30/40/60/100 tool changer	○
		Chip extractors	○