

SPRING

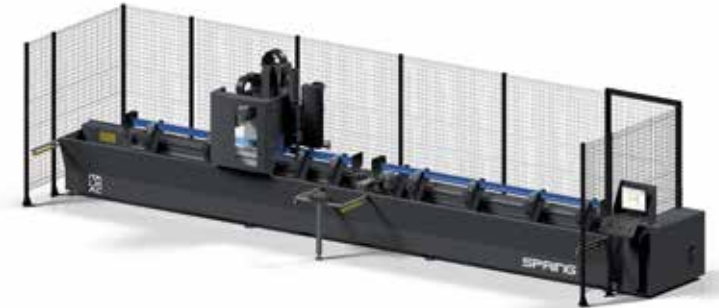
4 AXIS CNC MACHINING CENTER

SPRING is a 3 and 4 axes centre with a mobile column. Manufactured for milling, drilling, threading of bars in aluminium, light alloys and steel up to 5 mm thick, it is an ideal product for the building and light industry. The 4th axis allows the electric spindle to rotate from 0° to 180° continuously. The centre has an 8-place tools warehouse, situated on the mobile head, with the possibility of hosting a disc milling tool for trimming. It is also possible to use the machine in pendulum mode, maximising production, executing the part change in “concurrent” time and thereby reducing machine downtime to a minimum. Standard configuration available with automatic positioning using a column. Also available with independent automated vice positioning. The **SPRING** model is equipped with a column feature that not only protects the operator, but also allows maximum visibility in production and reduces the acoustic environmental impact.



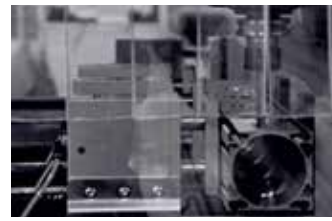
SPRING

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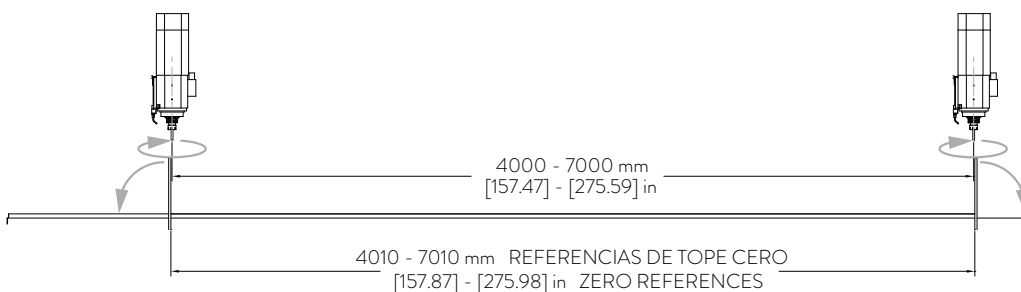
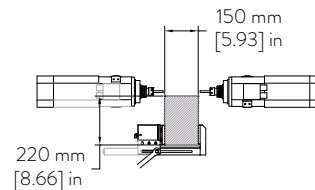
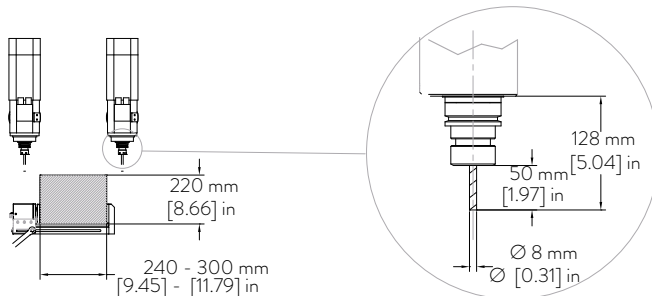


4 axis version available with saw blade 90° diam. 450 mm

Description	Spring 4 axis 4.0-7.0 version		
X AXIS LONGITUDINAL	3200 - 4200 - 7200 mm 126 - 165 - 283 in		
Y AXIS CROSS	985 mm	38.8 in	
Z AXIS VERTICAL	490 mm	19.3 in	
A AXIS ROTATION	from -90° to +90°		
AXIS ACCELERATION	X 2 m/sec ²	Y 2 m/sec ²	Z 2 m/sec ²
AXIS POSITIONING SPEED	X 90 m/min	Y 55 m/min	Z 30 m/min
TOOL MAGAZINE CAPACITY	8 positions		
MAXIMUM MILLING BLADE DIAMETER	120 mm	4.72 in	
NUMBER OF STANDARD VICES	4 (3.0-4.0 version)	8 (7.0 version)	
VICES POSITIONING	automatic optional		
NUMBER OF STOP REFERENCES STANDARD	2 pneumatic		
VOLTAGE	400 V triphase + N - 50/60 Hz		
SPINDLE MOTOR POWER S1	5 kW (5,5 kW / 7,5 kW optional)		
ADJUSTABLE ELECTRO SPINDLE SPEED	0-24000 rpm optional		
TOOL HOLDER	ISO 30		
OPERATING PRESSURE	7 bar		
TOTAL INSTALLED POWER	8 kW / 10kW		
OVERALL DIMENSIONS (LxPxH) mm	4900x2000x2200 mm	1600 kg	
WEIGHT kg	5900x2000x2200 mm	1800 kg	
	8900x2000x2200 mm	2200 kg	
OVERALL DIMENSIONS (DxWxH) IN	193x79x87 in	3520 lb	
WEIGHT lb	233x79x87 in	3960 lb	
	351x79x87 in	4840 lb	
SPRING 4.0 WITH ENCLOSURE	6500x1870x2100 mm	2200 kg	
OVERALL DIMENSIONS (LxPxH) mm/in	256x74x83 in	4840 lb	
WEIGHT kg/lb			



TECHNICAL DATA



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