

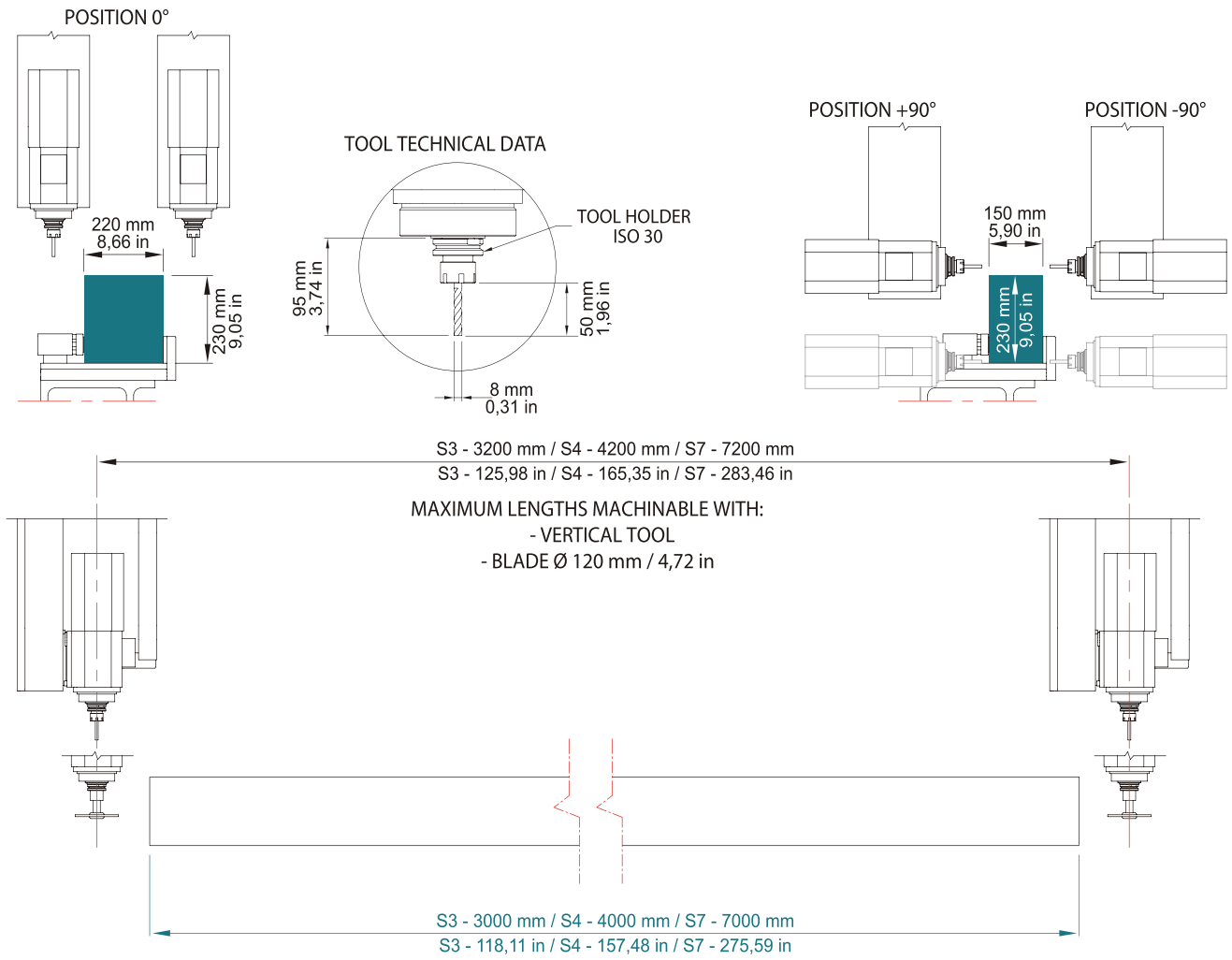
4-Axis CNC machining center with moving portal, especially designed for milling, drilling, threading and cutting bars or workpieces made of aluminium, PVC, light alloys and steel.

Technical features:

- Main structures made of electro-welded steel, normalized and worked with CNC machine tools.
- 4-Axis movement controlled by high-precision brushless servomotors.
- Electric spindle (4 kW in S1), with ISO 30 tool connection suitable for material removal processes during milling and drilling operations.
- Tool magazine holding up to 5 tools, placed on the back side of the moving portal.
- Clamps manual positioning (automatic positioning optional).
- Standard versions 3, 4 and 7 meters.
- Double working area (version 7 meters).
- Chips conveyor plate.
- Safety light curtains system located in front of the machine.
- Safety guards in electro-welded net on the three sides of the machine.

The specifications and illustrations in this catalogue are only a guide, Dynamic Machines Services Sdn Bhd therefore reserves the right to make any modifications it deems necessary for technical or commercial reasons.

## MAXIMUM SIZE MACHINABLE WITH VERTICAL TOOL IN POSITIONS 0°/+90°/-90°



Description	Spring 4 axis 3.0 - 4.0 - 7.0 version	Description	Spring 4 axis 3.0 - 4.0 - 7.0 version
X AXIS LONGITUDINAL	3200 - 4200 - 7200 mm 126 - 165 - 283 in	NUMBER OF STOP REFERENCES STANDARD	2 pneumatic
Y AXIS CROSS	985 mm 38.8 in	VOLTAGE	400 V triphase - 50/60 Hz
Z AXIS VERTICAL	490 mm 19.3 in	SPINDLE MOTOR POWER S1	4 kW (5,5 kW / 7,5 kW optional)
A AXIS ROTATION	from -90° to +90°	ADJUSTABLE ELECTRO SPINDLE SPEED	0-18000 rpm (0-24000 rpm optional)
AXIS ACCELERATION	X 2 m/sec <sup>2</sup> Y 2 m/sec <sup>2</sup> Z 2 m/sec <sup>2</sup>	TOOL HOLDER	ISO 30
AXIS POSITIONING SPEED	X 80 m/min Y 55 m/min Z 30 m/min	OPERATING PRESSURE	7 bar
TOOL MAGAZINE CAPACITY	5 positions	TOTAL INSTALLED POWER	8 kW / 10kW
MAXIMUM MILLING BLADE DIAMETER	120 mm 4.72 in	OVERALL DIMENSIONS (LxPxH) mm - WEIGHT kg	4900x2000x2200 mm - 1600 kg 5900x2000x2200 mm - 1800 kg 8900x2000x2200 mm - 2200 kg
NUMBER OF STANDARD VICES	4 (3.0 - 4.0 version ) 8 (7.0 version )	OVERALL DIMENSIONS (LxPxH) in - WEIGHT lb	193x79x87 in - 3520 lb 233x79x87 in - 3960 lb 351x79x87 in - 4840 lb
VICES POSITIONING	manual (automatic optional)	SPRING 4.0 WITH ENCLOSURE OVERALL DIMENSIONS (LxPxH) mm/in - WEIGHT kg/lb	6500x1870x2100 mm - 2200 kg 256x74x83 in - 4840 lb

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