



CNC 5-axis vertical machining center Cronum 800.5X



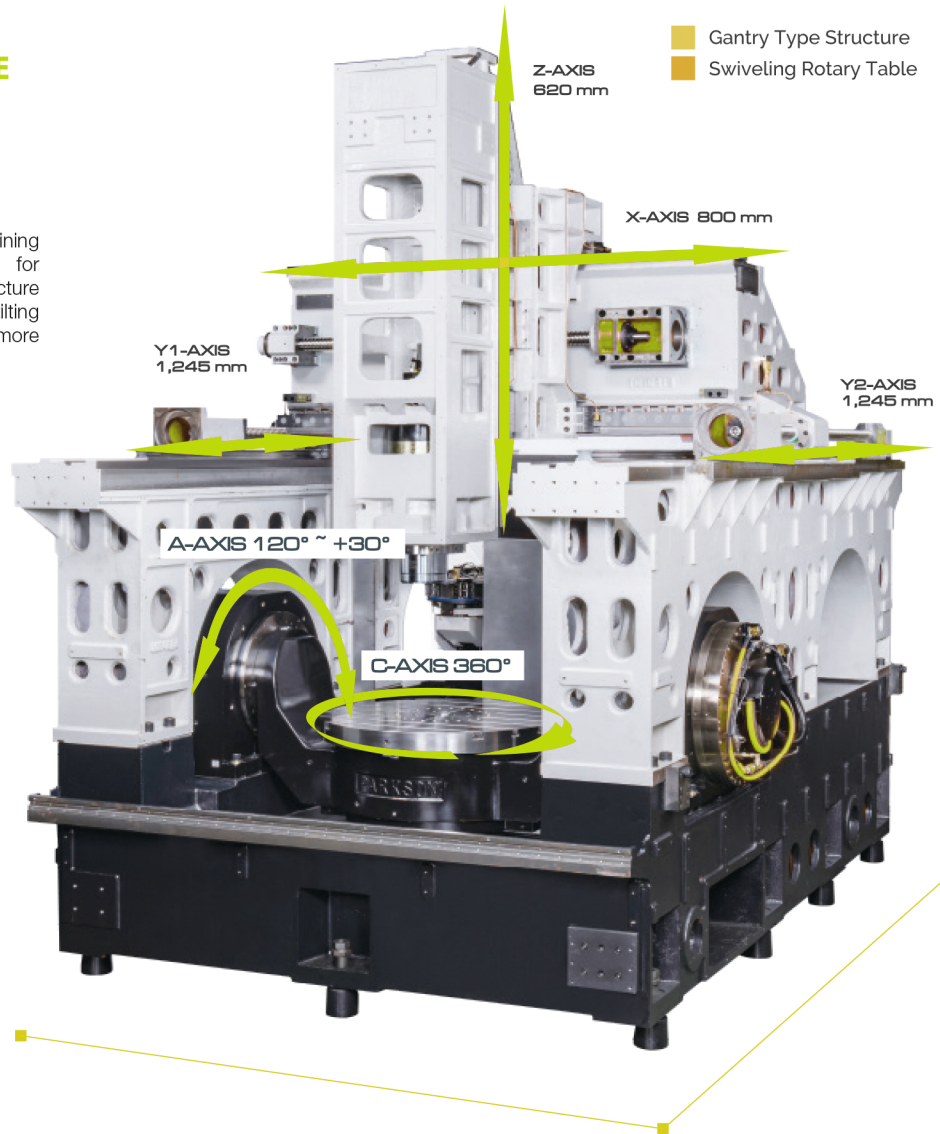
Technical specification				Technical specification			
800.5X				800.5X			
MOVEMENT	Travel X, Y, Z	mm	800, 1245, 620	C-AXIS (ROTARY TABLE)	C-axis		D.DM
	Distance spindle nose to table	mm	100-720		Slope	degree	360°
WORK-TABLE	Table-Ø	mm	Ø 800		Speed	rpm-1	100
	Max. Table load	kg	1000 / 500	minimum gap angle	degree	0,001	
	T-slots (number x width x distance)	mm	7 x 14 x 100	ATC	Number of tools		32
SPINDLE	Spindle speed	rpm-1	15.000 (Opt. 20.000)		Type		HSK A63 (Opt BBT-40)
	Spindle holder		HSK A63 (Opt. BBT-40)		Max. Tool dimensions partial load / full load	mm	125 / 75
	Spindle motor	kW	21 / 25 / 29		Max. Tool length	mm	300
	Spindle torque	N-m	692 / 832 / 993		Max. Tool weight	kg	8
A-AXIS	A-axis		D.DM	Rapid traverse X/Y/Z	m/min	48 / 48 / 48	
	Slope	degree	-120° - +30°	Work feed	mm/min	1 - 20000	
	Speed	rpm-1	50	MACHINE DIMENSIONS		mm	3,851 x 4852 x 3,889
	minimum gap angle	degree	0,001		MACHINE WEIGHT		kg
Item No.	6630223						



OPTIMIZED STRUCTURE FOR MAXIMUM STABILITY

The 800.5X Gantry Type 5-axis machining center features exceptional stability for high-speed machining. Its gantry structure combined with the highly rigid, tilting rotary table makes 5-axis machining more stable and smoother.

- Efficient and stable processing.
- Synchronized transmission on the V1 and V2 axis.
- Linear guides in roller design of the X/Y/Z axis.
- High speed spindle with 15.000 rpm, HSKA63 recording.
- 64 tools (both sides).



Standard equipment:

- ✓ Electronic Handwheel
- ✓ Pneumatics AirTAC
- ✓ Central lubrication
- ✓ Spindle AL-axis cooling system
- ✓ Glass scales AL axis
- ✓ Two air nozzles on the spindle
- ✓ Spindle Cooling Spindle Cooling
- ✓ Chain chip conveyor
- ✓ Water pistol
- ✓ Compressed air pistol
- ✓ Workspace light
- ✓ Lamp for cycle end and alarm

Optional accessories:

- 20.000 min⁻¹ spindle
- Siemens 840 DSL Control
- Tool measurement (Renishaw, Blum, Marposs)
- Workpiece measurement (Renishaw, Heidenhain)
- Internal spindle cooling 30/70 bar
- Four air nozzles on the spindle
- Load scales on the spindle
- Temperature compensation