

Specifications		MULTUS B250II	
		X750	
		C	W
Capacity	Swing over saddle	mm (in.)	ø600 (23.62) *1
	Max machining dia	mm (in.)	ø600 (23.62)
	Distance between centers	mm (in.)	750 (29.53)
Travels	X axis	mm (in.)	500 (+480 to +20) (19.69 (+18.9 to -0.79))
	Z axis	mm (in.)	800 (31.5)
	Y axis	mm (in.)	200 (+100 to -100) (7.87 (+3.94 to -3.94))
	W axis	mm (in.)	- 810 (31.89)
	C-axis control	degree	360 (min control angle 0.001)
	B axis indexing angle	degree	225 (-30 to 195 (min control angle 0.001))
Main spindle	Spindle speed	min <sup>-1</sup>	45 to 5,000
	Speed ranges		2 auto ranges (2-speed motor coil switching)
	Spindle nose		JIS A2-6
	Tapered bore / Bearing dia	mm (in.)	ø62/ø100 [ø80/ø120] (ø2.44/ø3.94 [ø3.15/ø4.72])
Opposing spindle	Spindle speed	min <sup>-1</sup>	- 50 to 6,000
	Speed ranges		- 2 auto ranges (motor coil switching)
	Spindle nose		- ø140 flat
	Tapered bore / Bearing dia	mm (in.)	- ø62/ø100 (ø2.44/ø3.94)
Turret	Type		H1 ATC
	No. of tools stations		1 for both L and M tools
	OD tool shank dimensions/ ID tool shank diameter	mm (in.)	□25/ø32 □1/ø1-1/4
Milling tool spindle	Speed range	min <sup>-1</sup>	50 to 12,000 [20,000*2]
	Max torque	N-m	40.1/26.3 (5 min/cont) [23.9/15.9 (5 min/cont)*2]
Feedrates	Cutting feedrate	mm/rev	0.001 to 1,000.000
	Rapid traverse	mm/min	X : 40,000 Z : 40,000 Y : 26,000 W : 12,000 (Tailstock) W : 20,000
		min <sup>-1</sup>	
NC tailstock	Tailstock spindle tapered bore type		MT5 -
	Tailstock travel	mm (in.)	810 (31.89) -
ATC	Tool shank / Pull stud		HSK-A63 [CAPTO C6]
	No. of tools	tools	20 [40, 60]
	Max tool dia	mm (in.)	ø90 (3.54) (ø130 (5.12) w/o adjacent tools)
	Max tool length	mm (in.)	200 (7.87) (from gauge line)
	Max tool weight	kg (lb)	4 (9)
Motors	Main spindle	kW (hp)	15/11 (20/15) (20 min/cont) [22/15 (30/20) (30 min/cont)]
	Opposing spindle	kW (hp)	- 11/7.5 (15/10) (20 min/cont)
	Milling tool spindle	kW (hp)	12/8 (16/11) (5 min/cont) [9/6 (12/8) (5 min/cont)*2]
	Axis drive motors	kW (hp)	X : 3.5 (5), Y : 2.9 (4), Z : 2.8 (4)
	W axis motors	kW (hp)	2.9 (4) (Tailstock) 2.9 (4)
	Coolant pump motor (50/60Hz)	kW (hp)	0.55/0.75 (0.7/1)
Machine size	Height	mm (in.)	2,582 (101.66)
	Floor space (with tank)	mm×mm (in.)	3,620×2,210 (142.52 × 87.01)
	Weight (with CNC)	kg (lb)	7,900 (17,380) 8,100 (17,820)

[ ] : Optional

\*1. Swing over saddle is limited to a range of ø450 to 600 mm when Y axis is in + region.

\*2. HSK-A63 only.