

Specifications			MULTUS B300II		
			×900		
			T	C	W
Capacity	Swing over saddle	mm (in.)	ø630 (24.8) (Y=0)		
	Max machining dia	mm (in.)	ø630 (24.8)		
	Distance between centers	mm (in.)	900 (35.43)		
Travels	X axis	mm (in.)	580 (+560 to -20) (22.83 (+22.05 to -0.79))		
	Z axis	mm (in.)	935 (36.81)		
	Y axis	mm (in.)	160 (+80 to -80) (6.3 (+3.15 to -3.15))		
	W axis	mm (in.)	-	1,000 (39.37)	
	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 ⁻¹	45 to 5,000 [38 to 3,800]		
	Speed ranges		2 auto ranges (2-speed motor coil switching)		
	Spindle nose		JIS A2-6 [JIS A2-8]		
	Tapered bore / Bearing dia	mm (in.)	ø62/ø100 [ø80/ø120] (ø2.44/ø3.94 [ø3.15/ø4.72])		
Opposing spindle	Spindle speed	min ⁻¹	-	45 to 5,000	
	Speed ranges		-	2 auto ranges (motor coil switching)	
	Spindle nose		-	JIS A2-6	
	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/ø40 (□1/ø1-1/2)		
Milling tool spindle	Speed range	min ⁻¹	50 to 6,000 [50 to 10,000]		
	Max torque	N·m	65.7/44.8 (3 min/cont) [57.3/38.2 (5 min/cont)]		
Feedrates	Cutting feedrate	mm/rev	0.001 to 1,000.000		
	Rapid traverse	mm/min	X : 40,000 Z : 40,000 Y : 26,000		
		min ⁻¹	-	W : 12,000 (Tailstock)	W : 20,000
NC tailstock	Tailstock spindle tapered bore type		-	MT5	-
	Tailstock travel	mm (in.)	-	1,000 (39.37)	-
ATC	Tool shank / Pull stud		HSK-A63 [CAPTO C6]		
	No. of tools	tools	20 [40, 60, 120]		
	Max tool dia	mm (in.)	ø90 (3.54) (ø130 (5.12) w/o adjacent tools)		
	Max tool length	mm (in.)	300 (11.81) (from gauge line)		
	Max tool weight	kg (lb)	8 (18)		
Motors	Main spindle	kW (hp)	15/11 (20/15) (20 min/cont) [22/15 (30/20) (20 min/cont)]		
	Opposing spindle	kW (hp)	-	15/11 (20/15) (20 min/cont)	
	Milling tool spindle	kW (hp)	11/7.5 (15/10) (5 min/cont) [16/11 (21/15) (5 min/cont)]		
	Axis drive motors	kW (hp)	X : 3.5 (5), Y : 2.9 (4), Z : 3.5 (5)		
	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.)	2,587 (101.85)		
	Floor space (with tank)	mm×mm (in.)	4,035×2,257 (158.86 × 88.86)		
	Weight (with CNC)	kg (lb)	9,700 (21,340)	10,000 (22,000)	10,300 (22,660)

[] : Optional