

SPECIFICATIONS

MULTUS B300

		C (tailstock)	W (opposing spindle)	
CAPACITY	Swing Over Saddle	mm (in)	Ø630 (Ø24.80)	
	Max Machining Dia	mm (in)	Ø450 (Ø17.72)	
	Distance Between Centers	mm (in)	900 (Ø35.43)	
TRAVELS	X-Axis	mm (in)	580 (+560 - -20) (22.83 (+22.05 - -0.79))	
	Z-Axis	mm (in)	945 (37.20)	
	Y-Axis	mm (in)	160 (+80 - -80) (62.99 (+3.15 - -3.15))	
	W-Axis	mm (in)	-----	1,000 (39.37)
	C-Axis	degree	360 [Min controlled angle 0.001]	
	B-Axis Indexing Angle	degree	-30 - 195 [Min controlled angle 0.001]	
MAIN SPINDLE	Spindle Speed	min ⁻¹	38 - 5,000	
	Spindle Nose		JIS A2-6	
OPPOSING SPINDLE	Spindle Speed	min ⁻¹	-----	38 - 5,000
	Speed Ranges		-----	auto 2-speed (VAC 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		1 for Both L- and M-Tools	
LIVE-TOOL SPINDLE	Speed Range	min ⁻¹ (rpm)	50 - 6,000 (10,000*)	
	Max Torque (5 min/cont)	N•m (ft-lbf)	65.7/41.8 (48.49/30.85) [57.3/38.2* (42.29/28.19)]	
FEEDS	Cutting Feed Command Range	mm/rev (ipr)	0.001 - 1,000 (0.00004 - 39.37)	
	Rapid Traverse	mm/min (ipm)	X-Z: 40,000 (1,575) Y: 26,000 (1,024)	
		mm/min (ipm)	----- W: 20,000 (787)	
		min ⁻¹ [rpm]	C: 200 B: 30	
MOBILE TAILSTOCK	Center Size		MT 5	-----
	Quill Travel	mm (in)	1,000 (39.37)	-----
ATC	Tool Shank/ Pull Stud		HSK-A63 (CAPTO C6*)	
	No of Tools		20 (40°, 60°)	
MOTORS	Main Spindle (20 min/cont)	kW (hp)	VAC 15/11 (20/15)	
	Opposing Spindle (20 min/cont)	kW (hp)	-----	VAC 15/11 (20 / 15)
	Live-tool Spindle (5 min/cont)	kW (hp)	PREX 11/7.5 (15/10) [PREX 16/11* (22/15)]	
SIZE	Height	mm (in)	2,600 (102.36)	
	Floor Space	mm (in)	3,750 x 2,050 (147.64 x 80.71)	
	Weight	kg (lb)	9,500 (20,900)	10,000 (22,000)

* Optional