

Maker		OKUMA	
Machine model		VTM-200	
External appearance			
Standard table size		φ2,000	
		Unit	
Capacity	Max swing diameter	mm	φ2,400
	Max turning diameter	mm	φ2,000
	Max turning length (height)	mm	1,200
	Max workpiece loading capacity (table included)	kg	7,000 [8,500 kg/65 min <sup>-1</sup> ]
Travel	X-axis travel	mm	1,600 (+1,490 to -110)
	Z-axis travel	mm	1,200
Workpiece spindle	Spindle speed	min <sup>-1</sup>	200
	Spindle speed ranges		Auto 2 ranges
	Spindle nose shape		φ380 flat
	Through spindle bore diameter	mm	φ260
	Spindle bearing diameter	mm	φ160
	Spindle motor	kW	30/22 (30 min/cont)
	Spindle torque	N·m	OSP: 12,852/8,568 (30 min/cont)
[Spindle tool] Turret	Turret type		ATC single tool
	Tool shank size	mm	□25, □32
	Boring bar shank diameter	mm	φ40, φ50
Milling tool spindle	Milling tools spindle speed	min <sup>-1</sup>	4,500
	Spindle speed ranges		Auto 2 ranges
	Milling tool spindle motor	kW	OSP: 15/11 (15 min/cont)
	Milling tool spindle torque	N·m	OSP: 130/95.5 (15 min/cont)
[ATC] Automatic tool changer	Tool shank type		BT50
	Pull stud bolt type		MAS II
	Tool storage capacity	pcs.	36 [60]
	Max tool diameter	mm	φ170 (w/o adjacent tools φ250: L500, φ300: L450)
	Max tool length (from gauge line)	mm	500
	Max tool weight	kg	30 (average 20)
Rapid traverse	X-axis	m/min	16
	Z-axis	m/min	16
	C-axis	min <sup>-1</sup>	10
Machine size	Machine height	mm	4,603
	Floor space (W × D)	mm × mm	OSP: 5,561 × 5,258
	Height up to table top above floor level	mm	1,450
	Machine weight	kg	33,000 [35,420 (60-tool MG)]
Numerical control unit		OSP-P300S	