

Standard Machine Specifications

		MULTIPLY W-200	MULTIPLY W-200Y
Capacity	Max. swing	Φ320 mm (Φ12.6")	
	Max. machining diameter	Φ320 mm (Φ12.6")	
	Max. machining length	180 mm (7.09")	
	Distance between spindles at Z-axis home positions	1220 mm (48")	
	Max. weight*1: Chuck workpiece	300 kg (660 lbs)	
	Bar work capacity *1	Φ65 mm (Φ2.5")	
Travel	X-axis	275 mm (10.75")	
	Z-axis	Z1: 490 mm (19.125") Z2: 525 mm (20.625")	
	Y-axis	±50 (2")	
	C-axis	360°	
Spindle	Chuck size	8"	
	Number of spindles	2	
	Speed *2	5000 rpm	
	Number of spindle speed ranges	1-Stepless	
	Max. torque (25 % ED)	467 N · m (344 ft · lbs)	
	Spindle nose / spindle bore	A2-6 / Φ76 mm (Φ3")	
	Minimum spindle indexing increment	0.0001°	
Turret	Number of turrets	2	
	Number of tools	12 position drum turret × 2	
	Tool shank holder	VDI	
	Tool shank height	25 mm (1")	
	Boring bar shank diameter	40 mm (1.5")	
	Turret indexing time	0.23 sec / 1step	
Rotary tool spindle	Speed	5000 rpm	
	Milling capacity	Drill: Φ20 mm (Φ0.79") Endmill: Φ20 mm (Φ0.79") Tap: M12 × 1.75 (1/2 - 13UNIC)	
Feedrate	Rapid traverse rate : X-axis	35000 mm/min (1378 IPM)	
	Rapid traverse rate : Y-axis	15000 mm/min (591 IPM)	
	Rapid traverse rate : Z-axis	42000 mm/min (1654 IPM)	
	Rapid traverse rate : C-axis	555 rpm	
Motors	Spindle motor (30 min. / cont. rating)	22 kW [30 HP] / 15 kW [20 HP]	
	Turrets rotary tool spindle motor (40 % ED)	5.5 kW [7.5 HP]	
	Coolant pump motor	0.52 kW × 2	
Power requirement	Required power capacity (Cont. rating)	54.6 kVA	56.7 kVA
	Air supply	0.5 Mpa (71 PSI), 320 L/min (11.3 ft³/min)	
Coolant	Coolant tank capacity	260 L (68 gal)	
Machine size	Height	2200 mm (86.61")	
	Floor space requirement (including chip conveyor)	3570 × 2645 (140.55" × 104.13")	
	Machine weight	8400 kg (18518 lbs)	8500 kg (18739 lbs)

*1 Chuck weight is included *2 Depends on chuck specifications

Standard and Optional Equipment

Standard: ● Option: ○

Machine	8" through-hole chuck N08A615+Y1225-15Y	<input type="radio"/>	
	8" through-hole chuck B208A615+SR1453C	<input checked="" type="radio"/>	
	8" through-hole chuck BB208A615+SR1566C	<input type="radio"/>	
	Rotary tool spindle 10000 rpm	<input type="radio"/>	
	Polygon tool holder	<input type="radio"/>	
Factory Automation	Double foot pedal switch	<input type="radio"/>	
	Gantry loader system (GL-100)	<input type="radio"/>	
	Gantry loader	Pallet conveyor	<input type="radio"/>
		Pitch feed conveyor	<input type="radio"/>
		Rotary conveyor	<input type="radio"/>
	Robot interface	<input type="radio"/>	
	Automatic workpiece measurement	<input type="radio"/>	
	Tool eye	<input type="radio"/>	
	Chuck pressure program management	<input type="radio"/>	
	Status light (1 color)	<input type="radio"/>	
	Status light (3 colors)	<input type="radio"/>	
	Machining end buzzer	<input type="radio"/>	
	Automatic power off	<input checked="" type="radio"/>	
	Calendar type automatic power ON/OFF + warm-up	<input checked="" type="radio"/>	
	Factory Automation	Automatic front door	<input type="radio"/>
		Spindle orient	<input type="radio"/>
		Automatic chuck jaws open/close	<input checked="" type="radio"/>
Chuck air blast		<input checked="" type="radio"/>	
Automatic center partition		<input checked="" type="radio"/>	
Absolute position detection		<input checked="" type="radio"/>	
High Accuracy		Coolant temperature control	<input type="radio"/>
		Scale feedback	<input type="radio"/>
	Chip conveyor (rear discharge / Hinge)	<input type="radio"/>	
	Chip bucket (rotary)	<input type="radio"/>	
Coolant / chip disposal	Chip bucket (fixed)	<input type="radio"/>	
	Powerful coolant 1.1 kW	<input type="radio"/>	
	High pressure coolant 1.5 MPa	<input type="radio"/>	
	Superflow coolant system 7 MPa	<input type="radio"/>	
	Turret air blast	<input type="radio"/>	
	Additional coolant nozzle	<input type="radio"/>	
	Mist collector	<input type="radio"/>	
	Preparation for mist collector	<input type="radio"/>	
	Safety equipment	Overload detection system	<input type="radio"/>
		Chuck jaws open/close confirmation	<input checked="" type="radio"/>
CNC	MAZATROL SmoothG	<input checked="" type="radio"/>	

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