

Specification:

Item	Specification	Unit	BL-S40		BL-S40M
Capacity	Chuck size	/	8"		6"
	Max. swing dia. over bed	mm			Φ500
	Max. swing dia. over slide	mm			Φ270
	Max. turning length	mm	320	290	280
Spindle	Max. turning dia.	mm	Φ360		Φ340
	Spindle bore	mm	Φ56	Φ62	Φ56
	Spindle end type	/	A2-5	A2-6	A2-5
	Spindle speed	rpm	5000	4000	5000
	Max. bar through dia.	mm	44	51	44
	Spindle motor power	kw	7.5	11	7.5
	CS axes division accuracy	Deg	/		0.001°
X/Z axes	X axes travel	mm	180+20		160+20
	Z axes effective travel	mm	360		290
	X/Z axes rapid moving speed	m/min			30
Tool turret	Tool turret type	/	HYDRAULIC-SERVO		SERVO POWERED
	Tool qty	/	8/12*		12
	Vicinal tool changing time	s			0.4
	Farthest tool changing time	s			0.57
	Toolshank size	mm	25×25(SAUTER 8T)/20×20(SAUTER 12T*), Φ40(SAUTER 8T)/Φ32(SAUTER 12T*)		20×20,Φ32
	Live tool driven motor	kw	/		3.3(SIEMENS 828D)
	Live tool driven motor torque	N.m	/		16(SIEMENS 828D)
	Live tool max. speed	rpm	/		4500
Tailstock	Live tool type	/	/		VDI30
	Tailstock quill taper	/			MT4#
Accuracy	Tailstock quill dia./travel	mm			Φ70/90
	Ex-circle finish turning accuracy	/			IT6
	Finish turning roughness	mm			Ra0.4~1.6
	Finish turning roundness	mm			≤0.003
	Positioning accuracy(X/Z)	mm			0.005/0.008
Others	Repeat positioning accuracy(X/Z)	mm			0.002/0.004
	Coolant pump power	w			580
	Coolant flow	m³/h			2.5
	Overall size	mm	1900×1500×1600/2700×1500×1600(exclude/include chip conveyor)		
	N.W.	kg	2700	2800	2900

* As option



MACHINERY DIVISION

