

**Specification:**

Item	Specification	Unit	BL-H40T	BL-H40TC	BL-H40TY
Capacity	Chuck size	/	6"(8")		
	Max. swing dia. over bed	mm	Φ400		
	Max. swing dia. over saddle	mm	Φ300		
	Max. turning length	mm	300(6"chuck);290(8"chuck*)	260/240(BMT40,6"/8" chuck) 250/235(VDI30",6"/8" chuck)	240
	Max. turning dia.	mm	Φ310	Φ240(6"chuck);Φ320(8"chuck*)	Φ225
Spindle	Standard turning dia.	mm	Φ150(6"chuck);Φ200(8"chuck*)		
	Spindle bore	mm	Φ56(Φ66*)		
	Spindle end type	/	A2-5(A2-6*)		
	Spindle speed	rpm	5000(4000*)		
	Max. bar through dia.	mm	44(51*)		
X/Z axes	Spindle motor power	kw	11		
	X/Y/Z axes linear guideway type	/	BALL type/BALL type/ROLLER type		
	X/Y/Z axes linear guideway width	mm	30/30/30		
	X/Y/Z axes ball screw O.D.	mm	Φ32		
	X/Y/Z axes ball screw pitch	mm	10		
	X axes travel	mm	180	180	110
	Y axes travel	mm	/	/	70
	Z axes travel	mm	320	280	250
	X/Z axes rapid moving speed	m/min	30		
Tool turret	Y axes rapid moving speed	m/min	/	/	8
	Tool turret type	/	8T/12T* Hydraulic-servo tool turret	12T BMT40 Powered tool turret; 12T VDI30 Powered tool turret*	12T BMT40 Powered tool turret with Y axes
	Toolshank size	mm	25×25, Φ40(SAUTER 8T); 20*20,Φ25/32(SAUTER 12T*); 25×25, Φ32(GSA 8T*)	20×20, Φ32	20×20, Φ32
	Live tool type	/	/	ER20(BMT40);ER25(VDI 30)	ER20(BMT40)
Tailstock	Tailstock quill taper	/	MT4#		
	Tailstock quill dia./travel	mm	Φ70/70		
Accuracy	Positioning accuracy(X/Z)	mm	0.008/1000		
	Repeat positioning accuracy(X/Y/Z)	mm	≤0.005		
Others	Overall size	mm	2180×1830×1710		
	N.W.	kg	3100	3200	3300


**MACHINERY DIVISION**
