Heavy Duty FLAT BED CNC Lathe Machine

CNC Lathe Machine
Model: GN-Series

Product Description

- Spindle Bore: 155/ 250/ 305/ 380/ 543mm

- Spindle Speed: 6" bore(4~600) / 10", 12" bore(4~400)/ 15", 21"bore(4~300) (auto 4 steps)

- Distance Between Center: 2000/ 3000/ 4000/ 5000/ 6000mm, (interval per 1000mm)

- Swing Over Bed: 1000/ 1250/ 1500/ 1750mm

- Swing Over Cross Slide: 640/ 890/ 1140/ 1390mm

FLAT BED CNC LATHE

GN SERIES

Model		**unit**	**GN-40**	**GN-50**	**GN-60**	**GN-70**
Capacity	Center height	mm(inch)	500(19.69")	625(24.61")	750(29.53")	875(34.45")
	Distance between centers	mm(inch)	2000(79"), 3000(118"), 4000(158"), 5000(197"), 6000(236"), (interval per 1000mm)			
	Swing over bed	mm(inch)	1000(39.37")	1250(49.21")	1500(59.06")	1750(68.90")
	Swing over gap	mm(inch)	1500(59.06")	1500(59.06")		

	Swing over cross slide	mm(inch)	640(25")	890(35")	1140(45")	1390(55")
	Width of bed	mm(inch)	820 (32")			
	Bed way		3V + 1 flat way			
	Cross slide width	mm(inch)	450 (17.72")			
	Gap width	mm(inch)	*650(25.6")			
Headstock spindle	Spindle bore nose	mm(inch)	155(6")(A2-11) / *250(10")(A2-15) / *305(12")(A2-20) / *380(15")(A2-2 /*534(21")(A2-28)			
	Spindle speed	rpm	(6" bore) 4-600/ 12" bore) 4-400 / *(15" bore) 4-300 (auto 4 steps)			
Cross slide (X-axis) Carriage (Z-axis)	Cross slide travel (X-axis)	mm(inch)	750 (29.53")			
	Longitudinal travel (Z-axis)	mm(inch)	2000(79"), 3000(118"), 4000(158"), 5000(197"), 6000(236")			
	AC servo motor (X-axis)	kw	3 Fanuc / 3.3 Simens / 14.8 Nm Fagor			
	AC servo motor (Z-axis)	kw	4 Fanuc / 4.4 Simens / 27.3 Nm Fagor			

	Dia of ball screw (X-axis)	mm	Φ40 x P5 x C3	
	Dia of ball screw (Z-axis)	mm	Φ63 x P10 x C5 / *Φ80 x 12 x C5 (6000,7000,8000)	
	speed (X-axis)	mm/min	6000	
	Rapid traverse speed (Z-axis)	mm/mm	6000	
Tailstock	Quill taper		MT #6	
	Quill diameter	mm(inch)	Φ200 (7.87")/ *rotation290(11.42")	
	Quill travel	mm(inch)	300 (11.81")	
toolpost	Tool station		*horizontal type 4T / *horizontal type 6T	*vertical type 8T / *vertical type 10T
	Size of external turning tool	mm	32, 50	25, 32
Motor	Main spindle	kw	/*37 [*40hp(40hp inverter) / *50hp(50hp inverter)]	

	Headstock lube pump	hp	1 /4
	Headstock speed auto change x 2	w	60
	Lube system pump	w	22
	Hydraulic oil pump	hp	2
	Coolant pump	hp	1/2
Accuracy	Positioning	mm	+0.01 / 300
	Repeatability	mm	+0.005
	Spindle run-out	mm	+0.01
Tank Capacity	Hydraulic tank	l	80
Controller	Controller brand		Simens Fagor Fanuc Mitsubishi
	Controllable axis		2

Weight	Net/Gross	kg (lb)	9000(19800)	10000(22000)	11000(24200)	12000(26400)	13000(28600)
Dimensions	Floor space guard) L x W x H	mm (inch)	5000(197") x2500(98") x2400(95")	6000(236") x2500(98") x2400(95")	7000(276") x2500(98") x2400(95")	8000(315") x2500(98") x2400(95")	9000(354") x2500(98") x2400(95")

Design and specs are subject to change without notice.

The asterisk(*) sign in the spec list indicates that the item is an optional choice.

***Distance between centers 7000, 8000(mm) are available.(interval per 1000mm)**