

CNC Lathe Flat / Slant Bed Linear



Specification	Unit	Model			
		FL-160	SI180-C	SI280	SI250
swing over bed	mm	250	350	350	Ø400
Maximum turning diameter	mm	160	180	280	Ø250
Machining length	mm	170	180	230	200
Maximum bar diameter	mm	40	24	35	Ø52
spindle bore	mm	49	26	38	Ø68
Bed Type	Degree	0	30	30	30
Spindle Nose	-	A2-5	A2-4	A2-4	A2-6
Maximum spindle speed	r/min	2500	4000	4000	2800
Chuck Size	mm	165	135/A-25 Collet	135/A-25 Collet	165/200
Turret Type		Linear Flat	Linear Slant	Linear Slant	Linear Slant
Tool Holder	mm	□20*20	□16*16	□16*16	□20*20
Boring bar diameter	mm	Ø25	Ø25	Ø25	Ø25
X/Z ball screw	mm	2508 / 3210	25 / 25	25 / 25	2510 / 3210
X/Z guide rail	mm	35/30 LM	25/25 LM	25/25 LM	35/30 LM
Maximum stroke of X / Z-axis	mm	660 / 300	500 / 180	600 / 230	330/380
Rapid Feed X-axis/Z-axis	mm/min	15 / 15	20 / 20	20 / 20	20 / 20
Position Accuracy	mm	0.003	0.003	0.003	0.003
Repeatability	mm	0.003	0.003	0.003	0.003
System	-	DD2000	SmartBrian	SmartBrian	DD2000
Spindle motor power	kw	3.7	3.7		4
Drive motor torque X / Z-axis	Nm	4/4		3.7	4/4
Cooling water pump power	w	90	90	90	90
Total Power	Hp	8	8	8	8
Net weight (approximately)	Kg	1400	1400	1800	1400
Machine dimensions (L X W X H)	mm	1400*1800*1900	1640*1300*1630	1770*1400*1790	1950*1400*1600