

FLAT BED CNC LATHE

Features

- ◆ Equipped with Hiwin brand linear motion guideway. It ensures the fast rapid traverse and maintenance free which is very important for mass production
- ◆ Ballscrew are pre-tensioned assembly.
- ◆ Servo X/Z axis motor spindle is completed with frequency inverter motor or servo motor.
- ◆ Variable configurations ensure to have a most cost & effective solution for you
- ◆ Clamping system can be chuck, collect or indexing chuck as per customer job.



ITEM	UNIT	AFL300	AFL360	AFL400
Bed type / guideway		Flat / LM	Flat / LM	Flat / LM
Swing dia. Over bed	mm	300	360	400
Max.length of workpiece	mm	180	350	320
Swing dia over slide	mm	Ø135	Ø135	Ø180
Spindle Bore	mm	Ø48	Ø70	Ø62
Max. Dia of through hole	mm	Ø40	Ø60	Ø52
Spindle Speed	r/min	3000 *5000	3000 *5000	2500 *3500
Motor power	kw	2.2/*3	4/*5.5	5.5/*7.5
X/Z travel	mm	250/180	200/250	250/350
X/Z rapid traverse	mm/min	12000/18000	12000/18000	12000/18000
Chuck / Collet	tye	pneumatic collet *hydraulic collet *hydraulic chuck *manual collet *manual chuck	hydraulic chuck6" *manual collet *manual chuck *hydraulic collet *pneumatic collet	hydraulic chuck6"/8" *manual collet *manual chuck *hydraulic collet *pneumatic collet
Toolpost	type	gang type	gang type /*electric	gang type /*electric
No. Of tool stations	No	1-7	1-9	1-9
Type of tailstock		N/A	N/A	*manual / * hydraulic
Positioning accuracy X/Z	mm	0.012/0.012	0.012/0.012	0.012/0.012
Repeatability accuracy X/Z	mm	0.006/0.006	0.006/0.006	0.006/0.006
Dimension (LxWxH)	mm	1650x1200x1600	1950x1300x1600	1950x1300x1600
Weight	Kg	1200	1600	1650

Standard Accessories

- ◆ Hydraulic solid chuck
- ◆ Gang type toolpost
- ◆ Auto Lubrication System
- ◆ Auto Coolant System
- ◆ Work Lamp

Optional Accessories

- ◆ Variable 3 jaw chuck
- ◆ Variable Spring Collets
- ◆ 4 position automatic toolpost
- ◆ 8 Position turret
- ◆ Index chuck 2 jaw Chuck
- ◆ Tailstock
- ◆ Bar Feeder
- ◆ Various Live Tools optional