

CLEVELAND

HEAVY DUTY 50 SERIES CNC LATHE W/ Fagor 8055i CONTROL



MACHINE FEATURE:

- Rugged Meehanite Casting,
- Hardened and Ground Bed ways,
- Turcit-B lined on sliding ways & Gibbs with precision hand scraped
- Std. 6" spindle hole with 30Hp DELTA Vector Spindle drives with maxi Torque at auto gear shifting in 3-gear range
- Precision ground ball-screw w/double nuts
- Dual electric hand-wheels for manual operation
- manual Tailstock
- The M/C's with Automatic Lubrication
- Halogen Work light, Coolant system
- Telescopic steel way cover on X-Axis
- Full Enclosed guarding
- Made in Taiwan

BRIEF SPECIFICATION:

Model	KL50120NC	KL50240NC	KL50280NC
Basic dimension			
Height of Center	650 mm	25.59 inch	
Swing over Bed	1300 mm	51 inch	
Swing over Cross Slide	900 mm	35 inch	
Distance Between Centers	3,200 /120 mm/in	6,200/240 mm/in.	7200/280 mm/in.
Bed			
Width of Bed ways	770 mm	30 inch	
Spindle			
Spindle nose mounting	STD: A2-11	OPT: A2-15, A2-20 ,A2-25	
Spindle bore	STD: 155 mm 6 1/8 inch OPT: 230/9, 305/12 mm/in		
Taper of spindle bore	M.T.#7 (Sleeve M.T.#5)		

Range of spindle speeds	Automatic shift High - Middle - Low		
	750~151 - 150~31 - 30~5 RPM		
Longitudinal travel (Z axis)	110.5 in.	235 in.	276 in.
Cross slide travel (X axis)	680 mm 26 inch		
Rapid travel / Cutting feed rate	180 / 120 ipm		
Tool			
Max. size cutting tool	32 mm 1 1/4 inch		

Tailstock			
Tailstock quill diameter	165mm 4 inch		
Tailstock quill Taper	M.T.#6		
Tailstock quill travel	300 mm 11.8 inch		
Motor			
Main spindle motor	30 HP.(std) 40HP(opt)		
Machine Net weight	14,500 lbs.	19,000 lbs.	21,000 lbs.

HARDWARE:

- Fagor 8055i control
- X & Z DEDICATED JOG BUTTONS
- USER FRIENDLY CONTROLS
- COOLANT FUNCTIONS
- Constant surface speed
- PC BASED
- FULL ENCLSURE
- Auto lube
- DIGITAL AC SERVO DRIVES AND MOTORS
- 1GB SOLID STATE HARD DRIVE
- USB 2
- Ethernet
- Work light

** WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE **

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