

CNC LATHE LT800; LT1000; LT1250

STANDARD MACHINE SPECIFICATION		Unit	LT800	LT1000	LT1250
CAPACITY	Height of centers	mm	410	510	635
	Swing over bed	mm	890	1090	1320
	Swing over cross slide	mm	490	690	940
	Width of bed	mm	700		
	Distance between centers	mm	1500;3000;4000;5000;6000		
SPINDLE	Spindle nose DIN 55027	No	15		
	Front bearing diameter	mm	200		
	Spindle bore	mm	155		
	Spindle taper	Metric	160		
TRAVELS AND FEEDS	Longitudinal feed (Z-axis)	m/min	10(max)		
	Lateral feed (X-axis)	m/min	10(max)		
	Rapid traverse (Z and X-axis)	m/min	10(max)		
	Cross slide maximum travel	mm	525	650	
	BALL SCREW	Z-axis	mm	63x10	
X-axis		mm	40x10		
TAILSTOCK	Quill Diameter	mm	125		
	Quill Travel	mm	250		
	Quill internal taper	Morse	6		
DRIVES	Main drive power	kW	30kW (AT180LL4)		
	Z-axis servo drive power	N.m	27 N.m (4,87kW) (1FK7101)		
	X-axis servo drive power	N.m	11 N.m (2,29kW) (1FK7063)		
	Spindle maximum torque	N.m	5000		
	Z-axis tow strength	daN	1600		
	X-axis tow strength	daN	800		
	Speed ranges		Manual changeable		
	I-Range	min ⁻¹	3,7-15,6		
	II-Range	min ⁻¹	14,7-62		
	III-Range	min ⁻¹	58-250		
IV- Range	min ⁻¹	235-1000			
TOOL HOLER			Quick change MD1		
CNC SYSTEM			Siemens		
WEIGHT	For DBC 3000 mm	kg	8800	9300	9800
CNC System and servo drives available also: Heidenhain; Fanuc; Fagor					