

## CNC LATHES LCC 800; LCC 1000; LCC 1250

STANDARD MACHINE SPECIFICATIONS		Unit	LCC800	LCC1000	LCC 1250
<b>CAPACITY</b>	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		
<b>SPINDLE</b>	Spindle nose DIN 55027	No	15		
	Front bearing diameter	mm	200		
	Spindle bore	mm	155		
	Spindle taper	Metric	160		
<b>TRAVELS AND FEEDS</b>	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
<b>BALL SCREW</b>	Z-axis	mm	63x10		
	X-axis	mm	40x10		
<b>TAILSTOCK</b>	Quill Diameter	mm	125		
	Quill Travel	mm	250		
	Quill internal taper	Morse	6		
<b>DRIVES</b>	Main drive power	kW	30kW ( 1PH7 163 )		
	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		Automatically changeable		
	I-Range	min <sup>-1</sup>	2 – 180		
II-Range	min <sup>-1</sup>	8 – 1000			
<b>TOOL HOLER</b>			Quick change MD1		
<b>CNC SYSTEM</b>			Siemens		
<b>WEIGHT</b>	For DBC 3000 mm	kg	8800	9300	9800
<b>CNC System, main drive and servo drives available also: Heidenhain; Fanuc; Fagor</b>					