



LCC-05

	Standard Machine Specification		LCC-05	LT-580	LT-760
CAPACITY:	Centers height	mm	250	290	380
	Swing over bed	mm	500	580	760
	Width of bed	mm	400		560
	Distance between centers	mm	1000, 1500, 2000, 3000		2000, 3000, 4000
SPINDLE	Spindle nose DIN 55027	No.	8		11
	Front bearing diameter	mm	120		170
	Spindle bore	mm	72		132
	Spindle taper	Metric	80		140
TRAVELS AND FEED RATES	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)		
	Crossslide max travel	mm	250	290	380
BALLS SCREW	Z-axis	mm	50 x 10		
	X-axis	mm	32 x 5		
TAILSTOCK	Quill diameter	mm	72		95
	Quill travel	mm	230	230	225
	Quill internal diameter	Morse	5		6
DRIVES	Main drive power	kW	12 kW (1 PH 133)	11 kW (AT160M4)	15 kW (AT160L4)
	Z-axis servo drive power	N.m	16 N.m (5kW)(1FK7083)		20,8 N.m(6.5kW)(FXM73)
	X-axis servo drive power	N.m	11 N.m (3,4kW)(1FK7063)		11,9 N.m(3.7kW)(FXM53)
	Spindle maximum torque	N.m	900		
	Z-axis tow strength		1450		1650
	X-axis tow strength		1050		
	Speed ranges		Automatically changeable		Manual changeable
I - range	600	25 - 100	5,5 - 22	
II - range	2500	100 - 400	22 - 88	
III - range		x	500 - 2000	65 - 255	
TOOL HOLDER			Quick change MC (Turret head)		
CNC SYSTEM			Heidenhain: Fanuc; Siemens: Fagor		
NET WEIGHT	DBC 2000 mm	Kg	3700	3800	5300

LT-580





LCC 800 LCC 1000 LCC 1250

Standard Machine Specification		LCC 800	LCC 1000	LCC 1250	
CAPACITY:	Centers height	mm	410	510	625
	Swing over bed	mm	890	1090	1320
	Max. turning diameter over guideways for lathes with turret head	mm	750	750	1000
	Swing over cross slide	mm	490	690	940
	Swing in gap	mm	1050	1250	1500
	Width of bed	mm	700		
	Distance between centers	mm	1500, 3000, 4000, 5000		
	Max. turning length in chuck and live center for lathes with turret head	mm	1150, 2650, 3650, 4650		
MAIN SPINDLE:	Spindle bore	mm	155		
	Spindle nose DIN55027	No.	15		
	Spindle hole internal taper	Metric	160		
	Front bearing diameter	mm	200		
HEAD STOCK:	Spindle speed in two ranges	rpm	2 - 250; 8 - 1000		
	Main motor power	kW	30		
	Spindle max. torque	Nm	5000		
FEEDS:	Longitudinal feeds (Z-axis)	M/min	10 (max)		
	Cross feed (X-axis)	M/min	10 (max)		
	Rapid traverse (Z-axis and X-axis)	M/min	10 (max)		
	Crossslide maximum travel	mm	525	525	650
	Z-axis feed torque	N.m.	26.1		
	X-axis feed torque	N.m.	10		
CNC SYSTEM	Options	HEIDENHAIN, FANUC, SIEMENS, FAGOR			
TOOLHOLDER	Tool section	mm	40 x 40		
	Diameter of boring bar	mm	40		
TURRET HEAD	Turret head position number		8 or 12		
	Quill diameter	mm	125		
TAIL STOCK:	Quill internal taper	Morse	No.6		
	Quill travel	mm	250		
	Tailstock movement		Motorized		
	NET WEIGHT	DBC 3000 mm	Kg	8800	9300

LT-760



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