

## CNC LATHE LT 580

STANDARD MACHINE SPECIFICATION		Unit	LT-580
<b>CAPACITY</b>	Height of centers	mm	290
	Swing over bed	mm	580
	Swing over cross slide	mm	380
	Width of bed	mm	400
	Distance between centers	mm	900;1400;1900; 2900; 3900
<b>SPINDLE</b>	Spindle nose DIN 55027	No	8
	Front bearing diameter	mm	120
	Spindle bore	mm	72
	Spindle taper	Metric	80
<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	290
<b>BALL SCREW</b>	Z-axis	mm	50x10
	X-axis	mm	32x5
<b>TAILSTOCK</b>	Quill Diameter	mm	90
	Quill Travel	mm	230
	Quill internal taper	Morse	5
<b>DRIVES</b>	Main drive power	kW	11 kW (AT160M4)
	Z-axis servo drive power	N.m	16 N.m (3,3kW)(1FK7083)
	X-axis servo drive power	N.m	11 N.m (2.29kW)(1FK7063)
	Spindle maximum torque	N.m	1120
	Z-axis tow strength	daN	1450
	X-axis tow strength	daN	1050
	Speed ranges		Manual changeable
	I-Range	min <sup>-1</sup>	25-100
	II-Range	min <sup>-1</sup>	100-400
III-Range	min <sup>-1</sup>	500-2000	
<b>TOOL HOLER</b>			Quick change MC
<b>CNC SYSTEM</b>			Siemens
<b>WEIGHT</b>	For DBC 1900 mm	kg	3800
<b>CNC System and servo drives available also: Heidenhain; Fanuc; Fagor</b>			