

MACHINE SPECIFICATION

LT660

LT760

LT860





CNC LATHES

STANDART MACHINE SPECIFICATION		UNIT	LT660	LT760	LT860
CAPACITY	Height of centers	mm	330	380	430
	Swing over bed	mm	660	760	860
	Swing over cross slide	mm	420	520	620
	Width of bed	mm	560		
	Distance between centers	mm	1410; 1910; 2910; 3910; 4910; 5910	1350; 1850; 2850; 3850; 4850; 5850	
SPINDLE	Spindle nose DIN 55027	No	11	11	
	Front bearing diameter	mm	140	170	
	Spindle bore	mm	103	132	
	Spindle taper	Metric	120	140	
HEAD STOCK	Number of spindle speeds		3	3	
	I - Range	rpm	9 - 55	7 - 42	
	II - Range	rpm	37 - 220	8 - 7028 - 1700	
	III - Range	rpm	220 - 1320	8 - 700165 1015	
TRAVELS AND FEEDS	Longitudinal feed (Z-axis)	m/min	8 (max)		
	Lateral feed (X-axis)	m/min	8 (max)		
	Rapid traverse (Z and X-axis)	m/min	8 (max)		
	Cross slide maximum travel	mm	430		
BALL SCREW	Z-axis	mm	50 x 10		
	X-axis	mm	32 x 5		
TAILSTOCK	Quill diameter	mm	105		
	Quill travel	mm	225		
	Quill taper	Morse	6		
DRIVES	Main drive power	kW	15kW/ (AT160L4)	18,5kW (AT180M4)	
	Z-axis servo drive power	kW/N.m	18 N.m (3,77kW) (1FK7100)		
	X-axis servo drive power	kW/N.m	11 N.m (2,29kW) (1FK7063)		
	Spindle maximum torque	N.m	2000	2250	
	Z-axis tow strength	daN	1250		
	X-axis tow strength	daN	1050		
TOOL HOLER	Quick change type		MC		
CNC SYSTEM			Siemens		
WEIGHT	For DBC 3000 mm	kg	5700	6060	6300

CNC System and servo drives available also: Heidenhain; Fanuc; Fagor

LATHE MACHINE OPTIONAL ACCESSORIES

N	OPTIONAL ACCESSORY	SPECIFICATIONS	CU325 CU325RD	C400TM C400TMS	CU400	CU500	CU400M CU400MRD	CU500M CU500MRD	CU580M CU580MRD	C11MT C11MTS	CU500MT CU500MTRD	CU630 CU630RD
1	3-JAW SELF-CENTERING CHUCK	Diameter (mm)	160	200	250	250	250	250	250	250	315	315
2	INDEPENDENT 4-JAW CHUCK	Diameter (mm)	250	320	400	500	400	500	500	500	500	600
3	FACE PLATE	Diameter (mm)	296	320	400	480	400	480	480	480	500	600
4	FOLLOWE REST	Range (mm)	10-70	10-80	15-160	15-200	15-160	15-200	15-200	15-200	15-200	15-200
5	STEADY REST, SMALL SIZE	Range (mm)	10-70	10-100	15-150	15-160	15-160	15-160	15-200	15-200	15-160	15-200
6	STEADY REST, BIG SIZE	Range (mm)	No	No	No	140-280	No	140-280	180-340	180-340	140-280	180-340
7	TAPER TURNING ATTACHM.	+10°	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
8	ONE-POSITION LONG. STOP		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9	THREAD DIAL		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
10	DRIVE PLATE FOR SPINDLE NOSE DIN 55027		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
11	SET OF LATHE DOGS	Ø20; Ø30; Ø40; Ø50; Ø60; Ø80; Ø100	20; 50;	20;30;40; 50;60	Full	Full	Full	Full	Full	Full	Full	Full
12	LIVE CENTER	Morse	M3	M4	M5	M5	M5	M5	M5	M5	M5	M5
13	DRILL CHUCK WITH ARBOR	Drill diam. (mm)	13	20	20	20	20	20	20	20	20	20

N	OPTIONAL ACCESSORY	SPECIFICATIONS	C10T C10TS	CU730 CU730RD	C10TM C10TMS	C10TH C10THS	C10T.10 C10TS.10	C10T.12 C10TS.12	CU800 CU800RD	CU1000 CU1000RD	CU1250 CU1250RD	CU1410RD
1	3-JAW SELF-CENTERING CHUCK	Diameter (mm)	315	315	400	400	500	500	500	500	500	630
2	INDEPENDENT 4-JAW CHUCK	Diameter (mm)	600	600	760	760	580 Standard	630 Standard	760	1000	1000	1250
3	FACE PLATE	Diameter (mm)	600	600	760	760	x	x	760	1000	1000	No
4	FOLLOWE REST	Range (mm)	15-200	20-200	20-200	20-200	20-200	20-200	80-300	80-300	80-300	80-300
5	STEADY REST, SMALL SIZE	Range (mm)	15-200	20-200	20-200	50-250	20-200	20-200	50-300	50-300	50-300	80-300
6	STEADY REST, BIG SIZE	Range (mm)	180-430	180-430	180-430 200-520	220-450 420-620	180-430	180-430	270-520	270-520 480-720	50-300 480-720 700-950	270-520 470-720 700-1000
7	TAPER TURNING ATTACHM.	+10°	Yes	Yes	Yes	Yes	Yes Standard	Yes Standard	Yes	Yes	Yes	Yes
8	ONE-POSITION LONG. STOP		Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes
9	THREAD DIAL		Yes	Yes	Yes	Yes	Yes Standard	Yes Standard	Yes	Yes	Yes	No
10	DRIVE PLATE FOR SPINDLE NOSE DIN 55027		Yes	Yes	Yes	Yes	No	No	No	No	No	No
11	SET OF LATHE DOGS	Ø20; Ø30; Ø40; Ø50; Ø60; Ø80; Ø100	Full	Full	Full	Full	No	No	No	No	No	No
12	LIVE CENTER	Morse	M5	M6	M6	M6	M6	M6	M6	M6	M6	MK 7
13	DRILL CHUCK WITH ARBOR	Drill diam. (mm)	20	20	20	20	No	No	No	No	No	No

Remarks : Yes = Available for this model; No = Not available for this model

Steady rest Ø720mm for lathe CU1000 - open type only

Steady rest Ø700-1000 for lathe CU1410RD - open type only

