

MACHINE SPECIFICATION

# CU500MTRD

# CU630RD

# CU730RD





# UNIVERSAL LATHES WITH VARIABLE SPINDLE SPEED CONTROL

## STANDART MACHINE SPECIFICATION

## UNIT

## CU500MTRD

## CU630RD

## CU730RD

STANDART MACHINE SPECIFICATION		UNIT	CU500MTRD	CU630RD	CU730RD
CAPACITY	Height of centers	mm	250	315	365
	Swing over bed	mm	500	630	730
	Swing over cross slide	mm	300	430	500
	Swing in gap	mm	700	830	930
	Width of bed	mm	400		
	Distance between centers	mm	1000; 1500; 2000; 3000; 4000; 5000		
SPINDLE	Spindle nose DIN 55027	No	11		
	Spindle bore	mm	103		
	Spindle taper	Metric	120		
HEAD STOCK	Number of spindle speeds		Infinitely variable in 3 sub-ranges		
	Spindle variable speed sub-ranges	rpm	16-63; 63-250; 355-1400	16-63; 63-250; 315-1250	
	Main motor power	kw	11		
FEEDS	Number of feeds		120		
	Longitudinal feed range	mm/rev	0,04 – 12		
	Cross feed range	mm/rev	0,02 – 6		
THREADS	Number of threads		64		
	Metric thread range	mm	0,5 – 120		
	Inch thread range	Tpi	60 – 1/4		
	Module thread range	Module	0,125 – 30		
	DP thread range	DP	240 – 1		
CARRIAGE	Cross slide travel	mm	315		390
	Top slide travel	mm	130		
TAILSTOCK	Quill diameter	mm	90		
	Quill taper	Morse	No.5		
	Quill travel	mm	230		
WEIGHT	For DBC 2000 mm	kg	3250	3310	3500

# 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

