

# MACHINE SPECIFICATION

# CU325





CU325

# UNIVERSAL LATHES



## STANDART MACHINE SPECIFICATION

## UNIT

## CU325

CAPACITY	Height of centers	mm	165
	Swing over bed	mm	325
	Swing over cross slide	mm	190
	Swing in gap - only DBC 1000mm	mm	440
	Width of bed	mm	200
	Distance between centers	mm	500; 750; 1000
SPINDLE	Spindle nose DIN 55027	No	5
	Spindle bore	mm	32
	Spindle taper	Morse	No. 4,5
HEAD STOCK	Number of spindle speeds		12 ( 24 )
	Spindle speed ranges	rpm	85 – 2000 ( 42,5 – 2000 )*
	Main motor power	kw	2,2
FEEDS	Number of feeds		48
	Longitudinal feed range	mm/rev	0,006 – 1,77
	Cross feed range	mm/rev	0,003 – 0,885
THREADS	Number of threads		As below
	Metric thread range	mm	( 48 ) 0,1 – 28
	Inch thread range	Tpi	( 53 ) 75 – 2,5
	Module thread range	Module	( 19 ) 0,1 – 1,75
	DP thread range	DP	( 19 ) 70 – 4
CARRIAGE	Cross slide travel	mm	150
	Top slide travel	mm	95
TAILSTOCK	Quill diameter	mm	40
	Quill taper	Morse	No. 3
	Quill travel	mm	100
WEIGHT	For DBC 1000 mm	kg	770

\* Only for two-speed motor execution

# 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	270-520 480-720 700-950	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

