



Técnicas Aragonesas Salazar, s.a.



CU325



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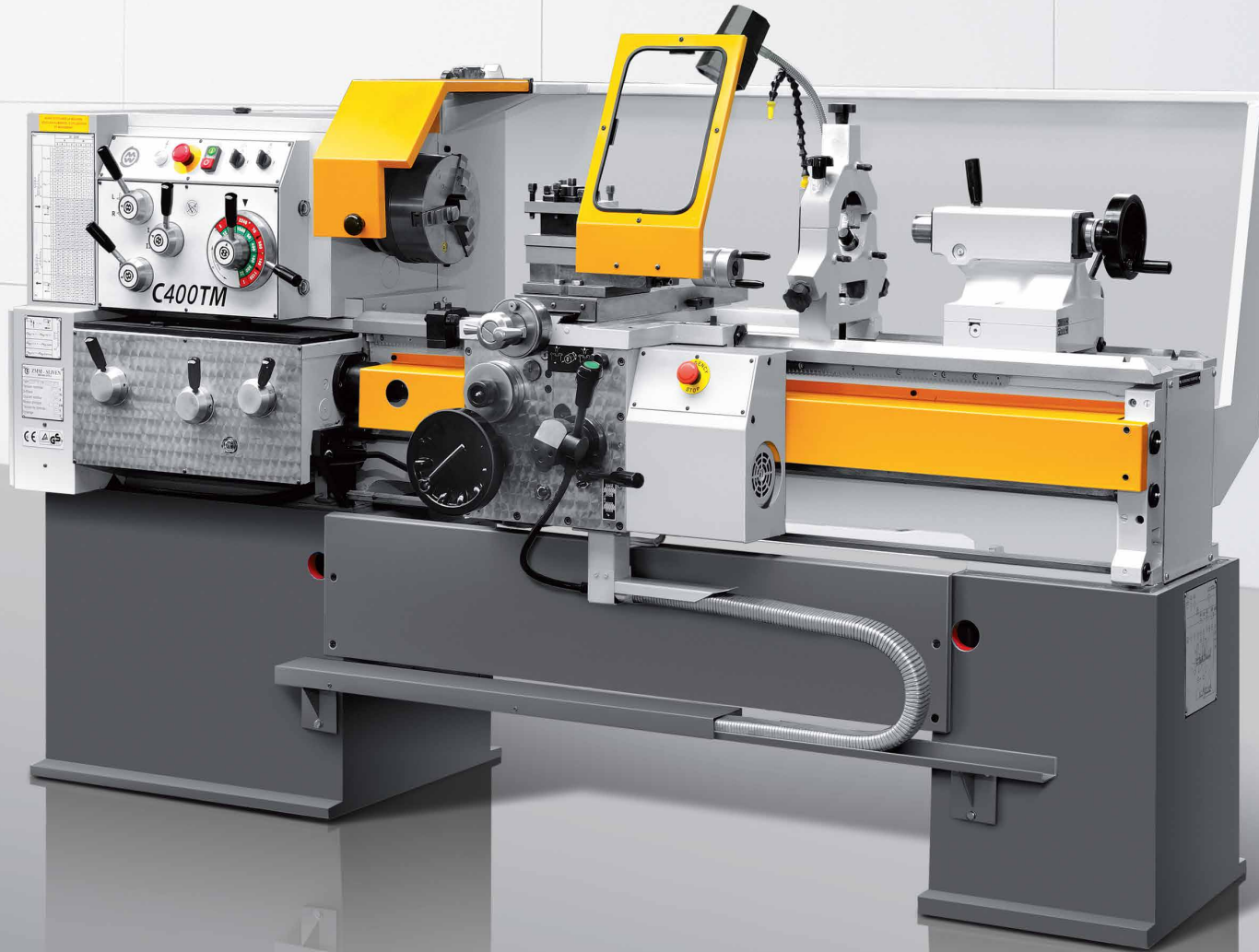
UNIVERSAL LATHES

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
TAIL STOCK	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

C400TM



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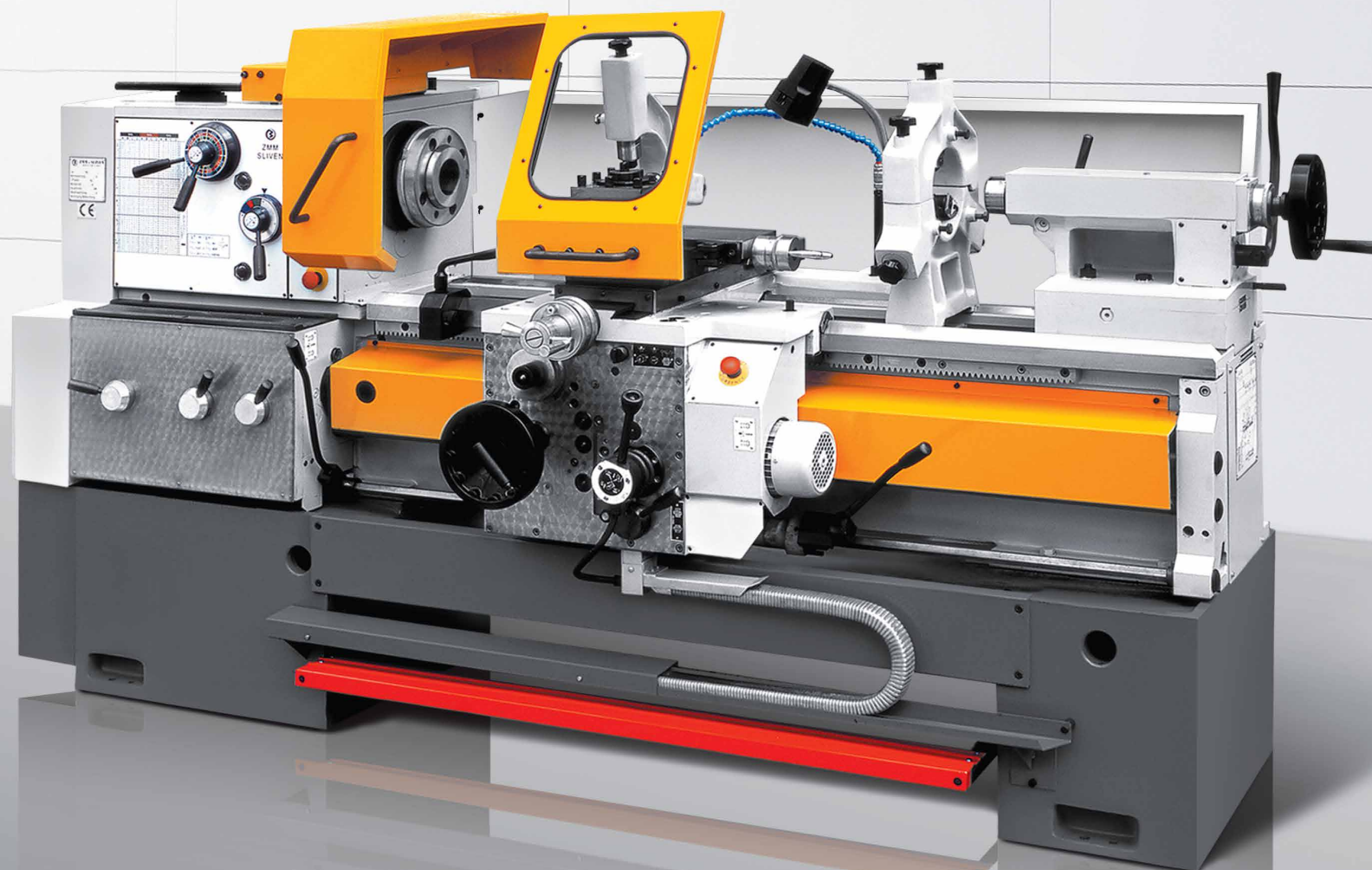


UNIVERSAL LATHES

STANDART MACHINE SPECIFICATION

		Unit	C400TM
CAPACITY	Height of centers	mm	200
	Swing over bed	mm	400
	Swing over cross slide	mm	235
	Swing in gap	mm	550
	Width of bed	mm	320
	Distance between centers	mm	750; 1000; 1500
SPINDLE	Spindle nose DIN 55027	No	6
	Spindle bore	mm	52
	Spindle taper	Morse	No. 6
HEAD STOCK	Number of spindle speeds		12
	Spindle speed ranges	rpm	50 – 2240
	Main motor power	kw	4
FEEDS	Number of feeds		80
	Longitudinal feed range	mm/rev	0,015 – 0,6
	Cross feed range	mm/rev	0,0075 – 0,3
THREADS	Number of threads		40
	Metric thread range	mm	0,25 – 7,5
	Inch thread range	Tpi	120 – 4
	Module thread range	Module	0,0625 – 1,875
	DP thread range	DP	480 – 16
CARRIAGE	Cross slide travel	mm	235
	Top slide travel	mm	110
TAIL STOCK	Quill diameter	mm	50
	Quill taper	Morse	No.4
	Quill travel	mm	100
WEIGHT	For DBC 1500 mm	kg	1700

CU400/CU500



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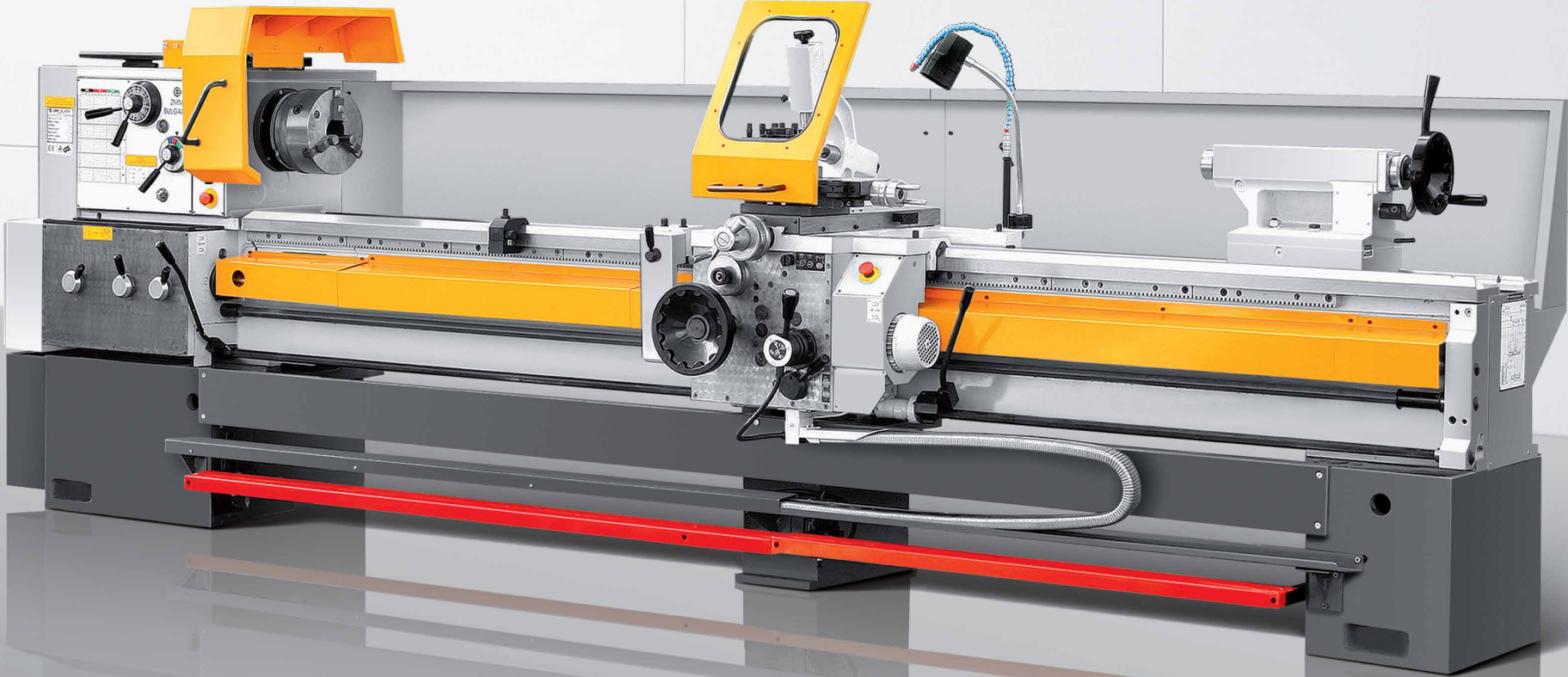


UNIVERSAL LATHES

STANDART MACHINE SPECIFICATION

STANDART MACHINE SPECIFICATION		Unit	CU400	CU500
CAPACITY	Height of centers	mm	210	245
	Swing over bed	mm	440	500
	Swing over cross slide	mm	230	300
	Swing in gap	mm	620	670
	Width of bed	mm	360	
	Distance between centers	mm	1000; 1500; 2000	
SPINDLE	Spindle nose DIN 55027	No	8	
	Spindle bore	mm	62	
	Spindle taper	Metric	80	
HEAD STOCK	Number of spindle speeds		21	
	Spindle speed ranges	rpm	20 – 2000	
	Main motor power	kw	7,5	
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 – ¼	
	Module thread range	Module	0,125 – 30	
	DP thread range	DP	240 – 1	
CARRIAGE	Cross slide travel	mm	250	
	Top slide travel	mm	130	
TAIL STOCK	Quill diameter	mm	70	
	Quill taper	Morse	No.5	
	Quill travel	mm	180	
WEIGHT	For DBC 2000 mm	kg	2560	2630

CU400M/ CU500M/ CU580M



For illustration purpose only



UNIVERSAL LATHES

STANDART MACHINE SPECIFICATION		Unit	CU400M	CU500M	CU580M
CAPACITY	Height of centers	mm	220	250	290
	Swing over bed	mm	440	500	580
	Swing over cross slide	mm	240	300	380
	Swing in gap	mm	640	700	780
	Width of bed	mm	400		
	Distance between centers	mm	1000; 1500; 2000; 3000; 4000; 5000		
SPINDLE	Spindle nose DIN 55027	No	8		
	Spindle bore	mm	72		
	Spindle taper	Metric	80		
HEAD STOCK	Number of spindle speeds		21		
	Spindle speed ranges	rpm	20 – 2000		
	Main motor power	kw	7,5 (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 – ¼		
	Module thread range	Module	0,125 – 30		
	DP thread range	DP	240 – 1		
CARRIAGE	Cross slide travel	mm	315		
	Top slide travel	mm	130		
TAIL STOCK	Quill diameter	mm	90		
	Quill taper	Morse	No.5		
	Quill travel	mm	230		
WEIGHT	For DBC 2000 mm	kg	2900	2950	3010

C11MT



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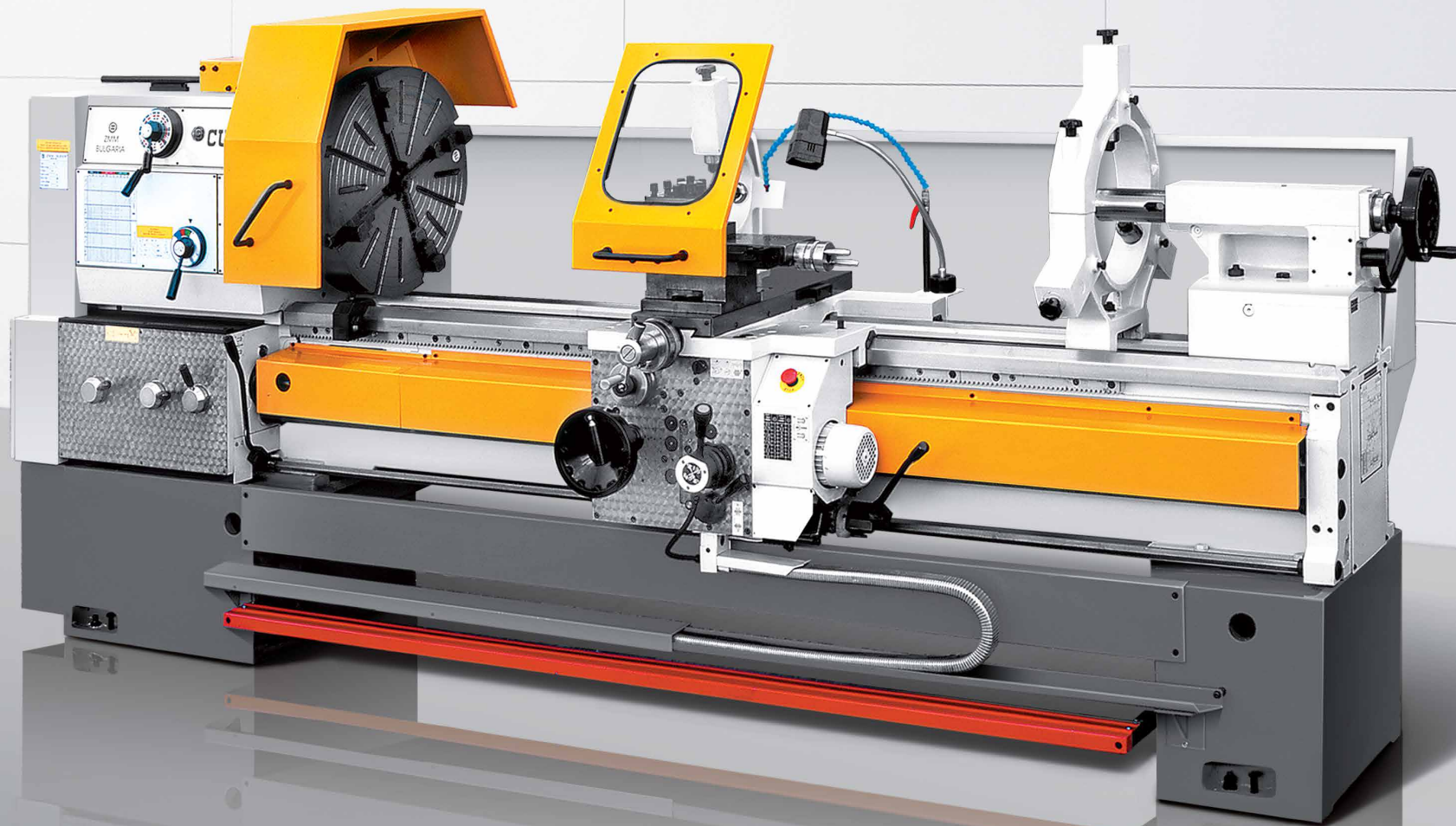


UNIVERSAL LATHES

STANDART MACHINE SPECIFICATION

STANDART MACHINE SPECIFICATION		Unit	C11MT
CAPACITY	Height of centers	mm	300
	Swing over bed	mm	600
	Swing over cross slide	mm	400
	Swing in gap	mm	800
	Width of bed	mm	400
	Distance between centers	mm	1000;1500;2000;3000;4000;5000
SPINDLE	Spindle nose DIN 55027	No	8
	Spindle bore	mm	80
	Spindle taper	Metric	90
HEAD STOCK	Number of spindle speeds		16
	Spindle speed ranges	rpm	11,5 – 2000
	Main motor power	kw	7,5
FEEDS	Number of feeds		160
	Longitudinal feed range	mm/rev	0,02 – 12
	Cross feed range	mm/rev	0,01 – 6
THREADS	Number of threads		80
	Metric thread range	mm	0,25 – 120
	Inch thread range	Tpi	120 – ¼
	Module thread range	Module	0,0625 – 30
	DP thread range	DP	480 – 1
CARRIAGE	Cross slide travel	mm	315
	Top slide travel	mm	130
TAIL STOCK	Quill diameter	mm	90
	Quill taper	Morse	No.5
	Quill travel	mm	230
WEIGHT	For DBC 2000 mm	kg	3100

CU500MT/ CU630/ CU730



For illustration purpose only



UNIVERSAL LATHES

STANDART MACHINE SPECIFICATION

		Unit	CU500MT	CU630	CU730
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		15	21	
	Spindle speed ranges	rpm	11,5-1400	12,5 - 1250	
	Main motor power	kw	7,5	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 – ¼		
	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		
TAIL STOCK	Quill diameter	mm	90		
	Quill taper	Morse	No.5		
	Quill travel	mm	230		
WEIGHT	For DBC 2000 mm	kg	3250	3310	3500

C10T/ C10TM/ C10TH



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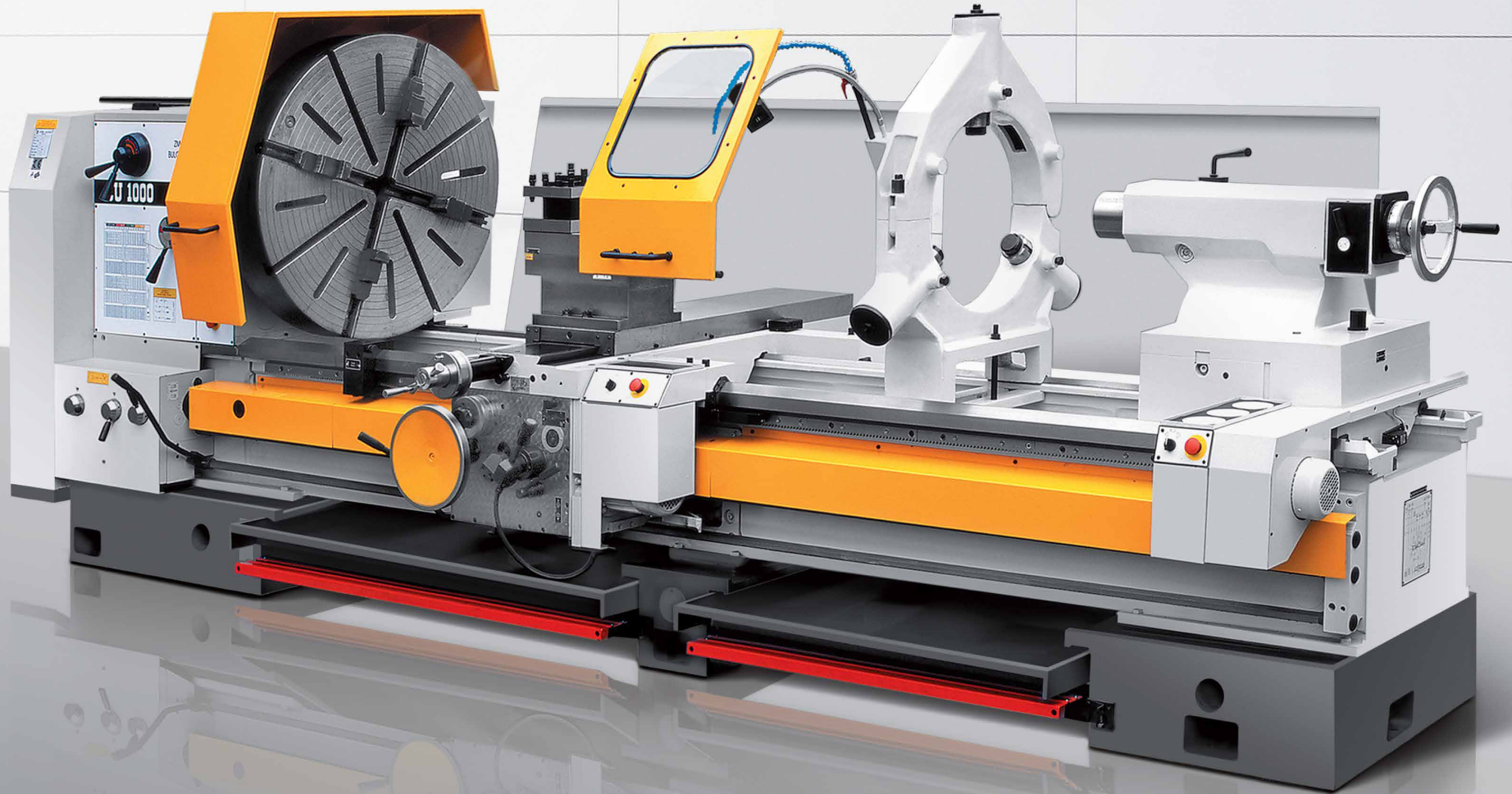


UNIVERSAL LATHES

STANDART MACHINE SPECIFICATION

		Unit	C10T	C10TM	C10TH
CAPACITY	Height of centers	mm	330	380	430
	Swing over bed	mm	660	760	860
	Swing over cross slide	mm	420	520	620
	Swing in gap	mm	850	950	1050
	Width of bed	mm	560		
	Distance between centers	mm	1500; 2000; 3000; 4000; 5000; 6000		
SPINDLE	Spindle nose DIN 55027	No	11		
	Spindle bore	mm	103	132	
	Spindle taper	Metric	120	140	
HEAD STOCK	Number of spindle speeds		15	17	
	Spindle speed ranges	rpm	9-1320	7,5 – 1015	
	Main motor power	kw	11	11 (15)	15
FEEDS	Number of feeds		150		
	Longitudinal feed range	mm/rev	0,039 – 18		
	Cross feed range	mm/rev	0,02 – 9		
THREADS	Number of threads		76		
	Metric thread range	mm	0,5 – 180		
	Inch thread range	Tpi	60 – 1/6		
	Module thread range	Module	0,125 – 45		
	DP thread range	DP	240 – 2/3		
CARRIAGE	Cross slide travel	mm	410	435	
	Top slide travel	mm	150		
TAIL STOCK	Quill diameter	mm	105		
	Quill taper	Morse	No.6		
	Quill travel	mm	225		
WEIGHT	For DBC 2000 mm	kg	4170	4470	4650

CU800/ CU1000/ CU1250



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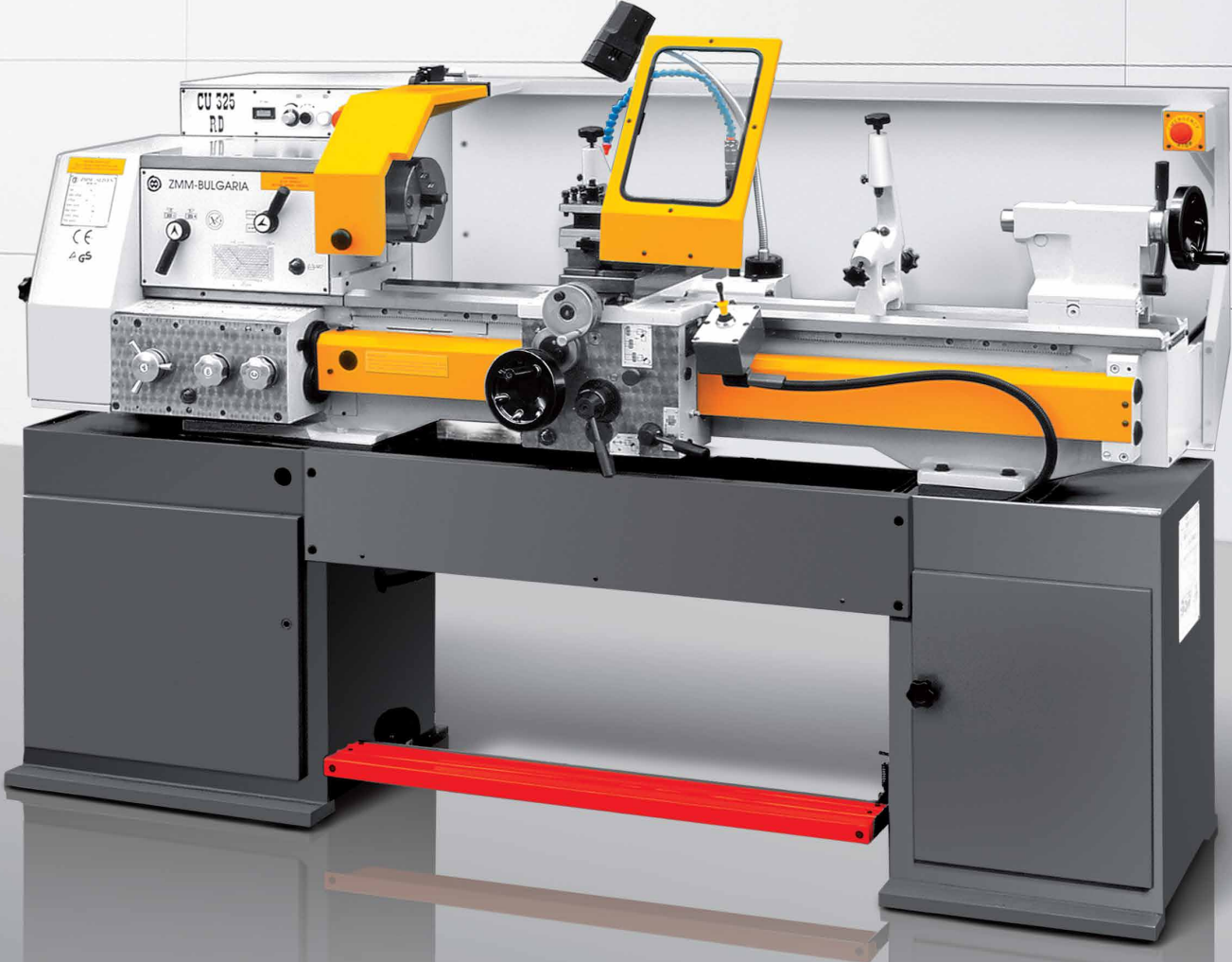


UNIVERSAL LATHES

STANDART MACHINE SPECIFICATION

		Unit	CU800	CU1000	CU1250
CAPACITY	Height of centers	mm	400	500	625
	Swing over bed	mm	890	1090	1320
	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; 6000		
SPINDLE	Spindle nose DIN 55027	No		15	
	Spindle bore	mm		155	
	Spindle taper	Metric		160	
HEAD STOCK	Number of spindle speeds		24		
	Spindle speed ranges	rpm	6,3 -1250		5 -1000
	Main motor power	kw	22 (30)		
FEEDS	Number of feeds		160		
	Longitudinal feed range	mm/rev	0,032 – 38,9		
	Cross feed range	mm/rev	0,016 – 19,45		
THREADS	Number of threads		80		
	Metric thread range	mm	0,5 – 480		
	Inch thread range	Tpi	60 – 1/16		
	Module thread range	Module	0,125 – 120		
	DP thread range	DP	240 – ¼		
CARRIAGE	Cross slide travel	mm	525		685
	Top slide travel	mm	270		
TAIL STOCK	Quill diameter	mm	125		
	Quill taper	Morse	No.6		
	Quill travel	mm	260		
WEIGHT	For DBC 3000 mm	kg	7500	8050	8550

CU325RD



For illustration purpose only



UNIVERSAL LATHES WITH VARIABLE SPINDLE SPEED CONTROL

STANDART MACHINE SPECIFICATION		Unit	CU325RD
CAPACITY	Height of centers	mm	165
	Swing over bed	mm	325
	Swing over cross slide	mm	190
	Swing in gap – only DBC1000mm	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		Infinitely variable in 2 sub-ranges
	Spindle variable speed sub-ranges	rpm	85 - 405; 470 – 2200
	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
TAIL STOCK	Quill diameter	mm	40
	Quill taper	Morse	No.3
	Quill travel	mm	100
WEIGHT	For DBC 1000 mm	kg	770

C400TS



C400TS

For illustration purpose only



UNIVERSAL LATHES WITH VARIABLE SPINDLE SPEED CONTROL

STANDART MACHINE SPECIFICATION		Unit	C400TS
CAPACITY	Height of centers	mm	200
	Swing over bed	mm	400
	Swing over cross slide	mm	235
	Swing in gap	mm	550
	Width of bed	mm	320
	Distance between centers	mm	750; 1000; 1500
SPINDLE	Spindle nose DIN 55027	No	6
	Spindle bore	mm	52
	Spindle taper	Morse	No. 6
HEAD STOCK	Number of spindle speeds		Infinitely variable in 4 sub-ranges
	Spindle variable speed sub-ranges	rpm	18-98; 48-265; 144-790; 385-2120
	Main motor power	kw	7,5
FEEDS	Number of feeds		80
	Longitudinal feed range	mm/rev	0,015 – 0,6
	Cross feed range	mm/rev	0,0075 – 0,3
THREADS	Number of threads		40
	Metric thread range	mm	0,25 – 7,5
	Inch thread range	Tpi	120 – 4
	Module thread range	Module	0,0625 – 1,875
	DP thread range	DP	480 – 16
CARRIAGE	Cross slide travel	mm	235
	Top slide travel	mm	110
TAIL STOCK	Quill diameter	mm	50
	Quill taper	Morse	No.4
	Quill travel	mm	100
WEIGHT	For DBC 1500 mm	kg	1700

CU400MRD/ CU500MRD/ CU580MRD



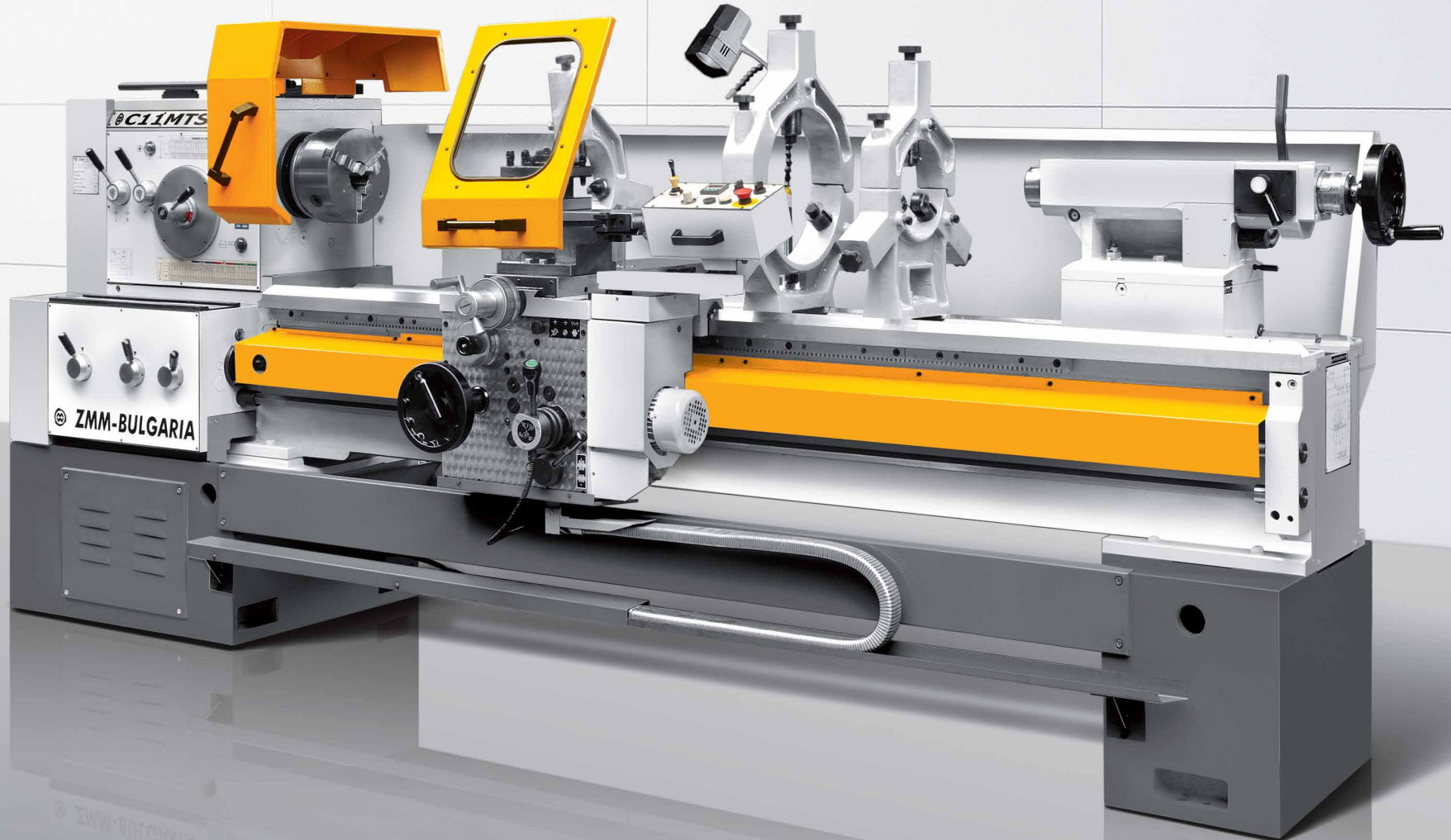
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UNIVERSAL LATHES WITH VARIABLE SPINDLE SPEED CONTROL

STANDART MACHINE SPECIFICATION		Unit	CU400MRD	CU500MRD	CU580MRD
CAPACITY	Height of centers	mm	220	250	290
	Swing over bed	mm	440	500	580
	Swing over cross slide	mm	240	300	380
	Swing in gap	mm	640	700	780
	Width of bed	mm	400		
	Distance between centers	mm	1000; 1500; 2000; 3000; 4000; 5000		
SPINDLE	Spindle nose DIN 55027	No	8		
	Spindle bore	mm	72		
	Spindle taper	Metric	80		
HEAD STOCK	Number of spindle speeds		Infinitely variable in 3 sub-ranges		
	Spindle variable speed sub-ranges	rpm	25 - 100; 100 - 400; 500 - 2000		
	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		
	Top slide travel	mm	130		
TAIL STOCK	Quill diameter	mm	90		
	Quill taper	Morse	No.5		
	Quill travel	mm	230		
WEIGHT	For DBC 2000 mm	kg	2900	2950	3010

C11MTS



ZMM-BULGARIA

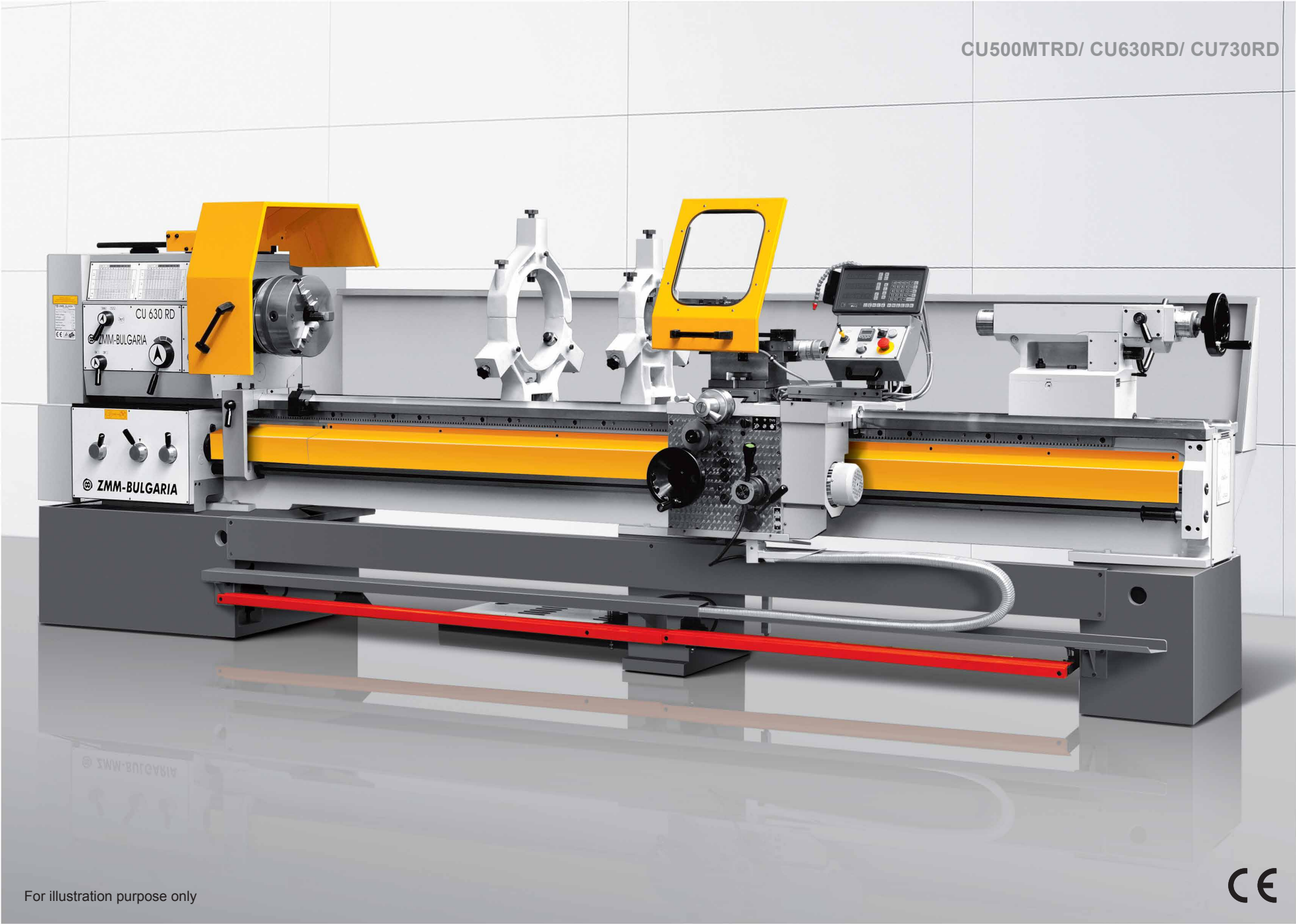
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UNIVERSAL LATHES WITH VARIABLE SPINDLE SPEED CONTROL

STANDART MACHINE SPECIFICATION		Unit	C11MTS
CAPACITY	Height of centers	mm	300
	Swing over bed	mm	600
	Swing over cross slide	mm	400
	Swing in gap	mm	800
	Width of bed	mm	400
	Distance between centers	mm	1000; 1500; 2000; 3000; 4000; 5000
SPINDLE	Spindle nose DIN 55027	No	8
	Spindle bore	mm	80
	Spindle taper	Metric	90
HEAD STOCK	Number of spindle speeds		Infinitely variable in 3 sub-ranges
	Spindle variable speed sub-ranges	rpm	8 - 62; 62 - 500; 250 - 2000
	Main motor power	kw	11
FEEDS	Number of feeds		160
	Longitudinal feed range	mm/rev	0,02 – 12
	Cross feed range	mm/rev	0,01 – 6
THREADS	Number of threads		80
	Metric thread range	mm	0,25 – 120
	Inch thread range	Tpi	120 – ¼
	Module thread range	Module	0,0625 – 30
	DP thread range	DP	480 – 1
CARRIAGE	Cross slide travel	mm	315
	Top slide travel	mm	130
TAIL STOCK	Quill diameter	mm	90
	Quill taper	Morse	No.5
	Quill travel	mm	230
WEIGHT	For DBC 2000 mm	kg	3100

CU500MTRD/ CU630RD/ CU730RD



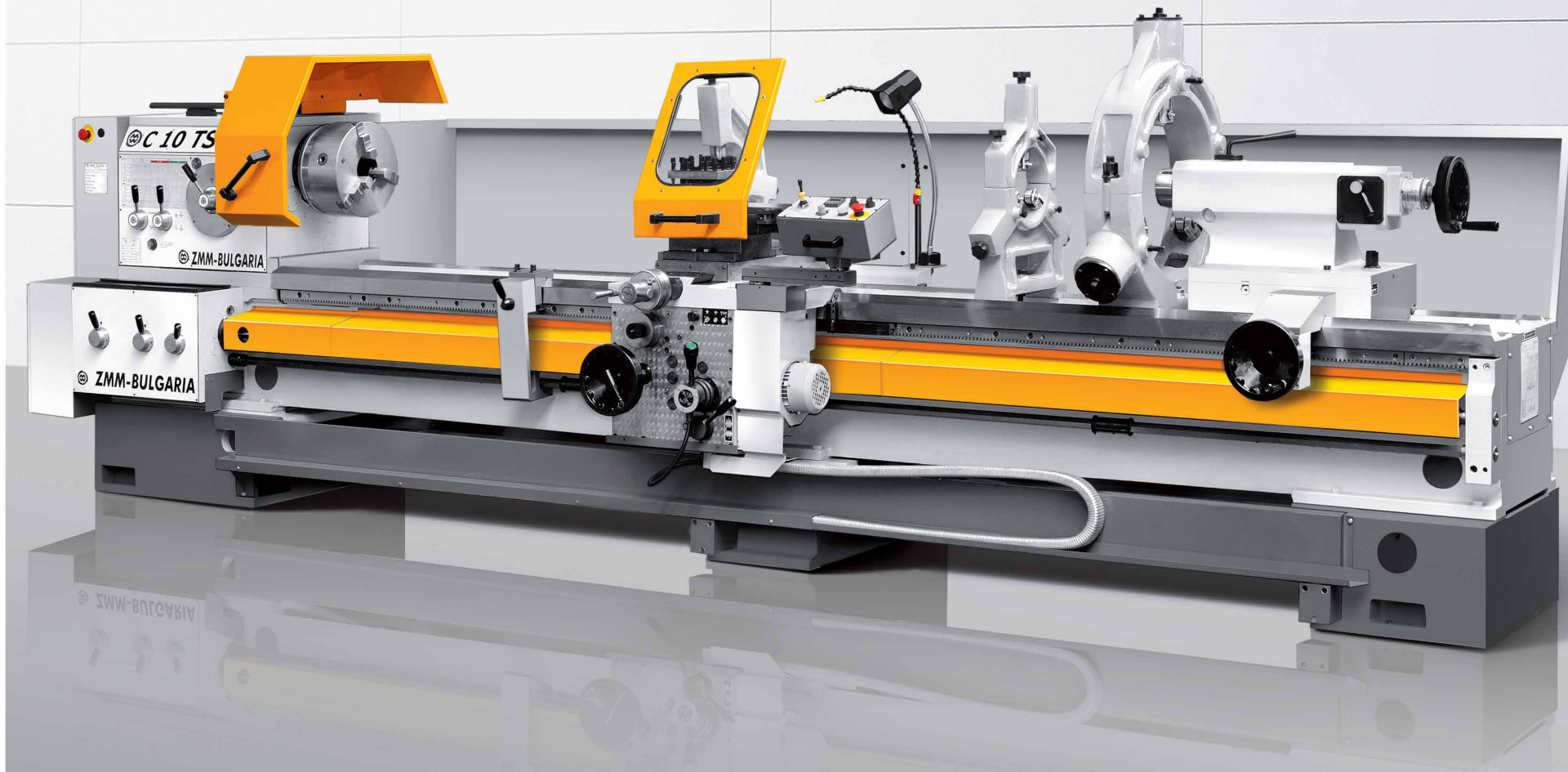
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UNIVERSAL LATHES WITH VARIABLE SPINDLE SPEED CONTROL

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 – ¼		
	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		
TAIL STOCK	Quill diameter	mm	90		
	Quill taper	Morse	No.5		
	Quill travel	mm	230		
WEIGHT	For DBC 2000 mm	kg	3250	3310	3500

C10TS/ C10TMS/ C10THS



For illustration purpose only



UNIVERSAL LATHES WITH VARIABLE SPINDLE SPEED CONTROL

STANDART MACHINE SPECIFICATION		Unit	C10TS	C10TMS	C10THS
CAPACITY	Height of centers	mm	330	380	430
	Swing over bed	mm	660	760	860
	Swing over cross slide	mm	420	520	620
	Swing in gap	mm	850	950	1050
	Width of bed	mm	560		
	Distance between centers	mm	1500; 2000; 3000; 4000; 5000;6000		
SPINDLE	Spindle nose DIN 55027	No	11		
	Spindle bore	mm	103	132	
	Spindle taper	Metric	120	140	
HEAD STOCK	Number of spindle speeds		Infinitely variable in 3 sub-ranges		
	Spindle variable speed sub-ranges	rpm	9-55;37-220;220-1320	7-42;28-170;165-1015	
	Main motor power	kw	15		
FEEDS	Number of feeds		150		
	Longitudinal feed range	mm/rev	0,039 – 18		
	Cross feed range	mm/rev	0,02 – 9		
THREADS	Number of threads		76		
	Metric thread range	mm	0,5 – 180		
	Inch thread range	Tpi	60 – 1/6		
	Module thread range	Module	0,125 – 45		
	DP thread range	DP	240 –2/3		
CARRIAGE	Cross slide travel	mm	410	435	
	Top slide travel	mm	150		
TAIL STOCK	Quill diameter	mm	105		
	Quill taper	Morse	No.6		
	Quill travel	mm	225		
WEIGHT	For DBC 2000 mm	kg	4170	4470	4650

CU800RD/ CU1000RD/ CU1250RD



For illustration purpose only



UNIVERSAL LATHES WITH VARIABLE SPINDLE SPEED CONTROL

STANDART MACHINE SPECIFICATION		Unit	CU800RD	CU1000RD	CU1250RD
CAPACITY	Height of centers	mm	400	500	625
	Swing over bed	mm	890	1090	1320
	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;6000;7000;8000;9000;10000		
SPINDLE	Spindle nose DIN 55027	No	15		
	Spindle bore	mm	155		
	Spindle taper	Metric	160		
HEAD STOCK	Number of spindle speeds		Infinitely variable in 4 sub-ranges		
	Spindle variable speed sub-ranges	rpm	3,7-15,6; 14,7-62; 58-250; 235-1000		
	Main motor power	kw	30		
FEEDS	Number of feeds		160		
	Longitudinal feed range	mm/rev	0,032 – 38,9		
	Cross feed range	mm/rev	0,016 – 19,45		
THREADS	Number of threads		80		
	Metric thread range	mm	0,5 – 480		
	Inch thread range	Tpi	60 – 1/16		
	Module thread range	Module	0,125 – 120		
	DP thread range	DP	240 – ¼		
CARRIAGE	Cross slide travel	mm	525		625
	Top slide travel	mm	270		
TAIL STOCK	Quill diameter	mm	125		
	Quill taper	Morse	No.6		
	Quill travel	mm	260		
WEIGHT	For DBC 3000 mm	kg	7500	8050	8550

CU1410RD



For illustration purpose only



UNIVERSAL LATHES WITH VARIABLE SPINDLE SPEED CONTROL

STANDART MACHINE SPECIFICATION		Unit	CU1410RD
CAPACITY	Height of centers	mm	705
	Swing over bed	mm	1410
	Swing over cross slide	mm	1000
	Width of bed	mm	800
	Distance between centers	mm	2000; 3000; 4000; 5000; 6000; 7000; 8000; 9000
SPINDLE	Spindle nose DIN 55026	No	A 15
	Spindle bore	mm	205
	Spindle taper	Metric	215
HEAD STOCK	Number of spindle speeds		Infinitely variable in 4 sub-ranges
	Spindle variable speed sub-ranges	rpm	1,5-8; 5-31; 20-125; 80-500
	Main motor power	kw	45
FEEDS	Number of feeds		160
	Longitudinal feed range	mm/rev	0,032 – 38,9
	Cross feed range	mm/rev	0,016 – 19,45
THREADS	Number of threads		80
	Metric thread range	mm	0,5 – 480
	Inch thread range	Tpi	60 – 1/16
	Module thread range	Module	0,125 – 120
	DP thread range	DP	240 – ¼
CARRIAGE	Cross slide travel	mm	730
	Top slide travel	mm	350
TAIL STOCK	Quill diameter	mm	200
	Quill taper	Morse	No.7
	Quill travel	mm	300
WEIGHT	For DBC 3000 mm	kg	14000



Técnicas Aragonesas Salazar, s.a.



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