

Application and Performance

The machines have features such as:

Mechanical levers for different speeds; rapid motion of carriage; longitudinal motion of compound rest; three plain guideways treated by means of induction hardening; slide pairs inlaid with Turcited B; wear-resistance, high precision, heavy supported capacity, reliability of system and powerful turning.

The machines are equipped with steady rests for turning grooves and digital device, grinding head and roller supporter for users choice.

ROLL-TURNING LATHES - Specification

Particulars	Units	C8440B	C8450B	C8463A	C8480
Max. Swing over bed	mm	400	500	630	800
Max.turning length	mm	2500		2500, 3200, 4000	
Max.Weight of Workpiece	Kg	2000	3000	6000, 8000	
Width of the bed	mm	670	670	1020	1020
Diameter of Spindle Bore	mm	35	35	50	50
Taper bore of spindle		Morse No.6		80; 1:7	
Step of Spindle speeds		16 (manual operating)		16 (manual operating)	
Range of Spindle speeds	r/min	2-88		1-73	
Main Motor Power	KW	11	11	18.5	22
Power of Rapid Motor	KW	0.75	0.75	1.1	1.1
Section of tool shank	mm	80x25	80x25	80x25	80x25
Swivel angle of tool post		90			
Travel of cross slide	mm	200	250	360	400
Range of center rest	mm	Φ140-200	Φ180-270	Φ220-320	Φ300-480
Rapid cross travel speed	mm/min	1500	1500	1500	1500
Rapid longitudinal travel speed	mm/min	2800	2800	3600	3600
Diameter of tailstock quill	mm	120	120	180, 200	180, 200
Taper bore of tailstock quill		Morse No. 6		65; 1:7	
Travel if tailstock quill	mm	200	200	260	260
Machine weight	Kg	6000	6800	13430	14430
				14125	15125
				15000	16000
Machine overall dimension (LxWxH)	mm	4660x1272x1300	4660x1272x1490	6250x1580x1650	6250x1612x1910
				6750x1580x1650	6750x1612x1910
				7750x1580x1650	7550x1612x1910

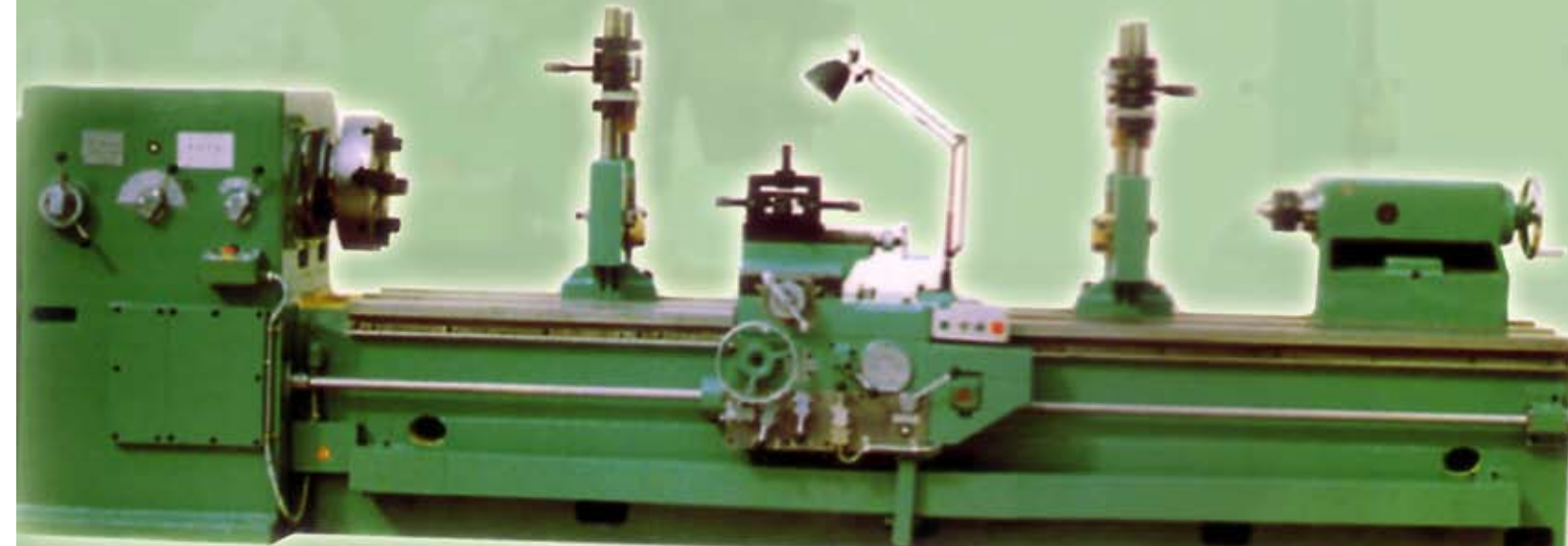
CNC ROLL-TURNING LATHES - Specification

Particulars	Units	CK8440	CK8450	CK8463	CK8480	CKW84100
Max. Swing over bed	mm	400	500	630	800	1000
Max.turning length	mm	2500		2500, 3200, 4000		5000
Max.Weight of Workpiece	Kg	2000	3000	6000, 8000, 10000		18000
Width of the bed	mm	670	670	1100	1100	1600
Diameter of Spindle Bore	mm	100	100	130	130	280
Taper bore of spindle	Metric	No.120		No.140		No.140
Step of Spindle speeds		Automatic 4		Automatic 2		Automatic 4
Range of Spindle speeds	r/min	2.5-400		2.5-250		2-200
Main Motor Power	KW	22	22	37	37	55/77r
Torque of servo motor - Z & X axis	Nm	30	30	41	41	41
Section of tool shank	mm	32x32	32x32	40x40	40x40	50x50
Indexing station No.of tool post		(Ver.)4:(Hor.)8	(Ver.)4:(Hor.)8	(Ver.)4:(Hor.)8	(Ver.)4:(Hor.)8	
Indexing time per indexing sttion	s	2.9(0.5)	2.9(0.5)	2.9(0.5)	2.9(0.5)	2.9(0.5)
Location repeatability of tool post		2"	2"	2"	2"	2"
Travel of cross slide	mm	200	250	350	420	650
Range of center rest	mm	Φ140-200	Φ180-270			
Longitudinal feed speed	mm/min	1-2000	1-2000	1-2000	1-2000	1-4000
Cross feed speed	mm/min	1-2000	1-2000	1-2000	1-2000	1-4000
Rapid longitudinal travel speed	mm/min	Z:6000/X:4000	Z:6000/X:4000	Z:5000/X:3000	Z:5000/X:3000	Z:5000/X:3000
Diameter of tailstock quill	mm	120	120	200	200	280
Taper bore of tailstock quill		Morse No. 6		Morse No.6		Φ100, 1:4
Travel if tailstock quill	mm	250	250	250	250	300
Machine weight	Kg	6000	6800	13430	14430	
				14125	15125	
				15000	16000	
Machine overall dimension (LxWxH)	mm	4660x1272x1300	4660x1272x1490	6250x1580x1650	6250x1612x1910	
				6750x1580x1650	6750x1612x1910	
				7750x1580x1650	7550x1612x1910	

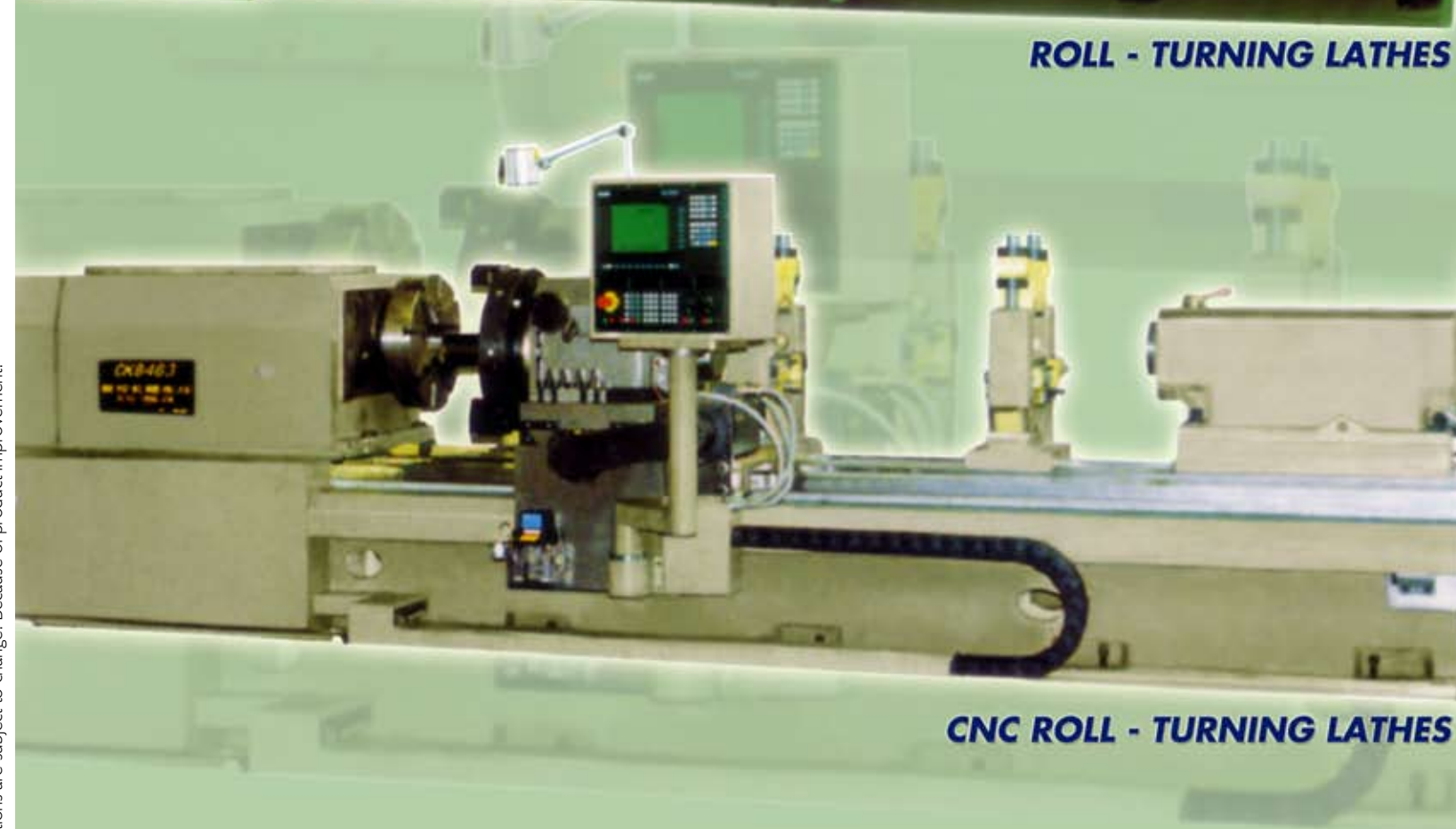
Standard Accessories > 4-jaw Chuck > Center > Steadz rest > Living Centre > Lighting Unit > Special Tools

HERBeRT - smith

ROLL - TURNING & CNC ROLL - TURNING LATHES



ROLL - TURNING LATHES



CNC ROLL - TURNING LATHES

* All above mentioned informations are subject to change. Because of product improvement.

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