



CAPITAL LATHES

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LATHE SERIES

PRECISION GEARHEAD LATHE

TW 2080

TW 2280

SWING

510mm(20")

560mm(22")

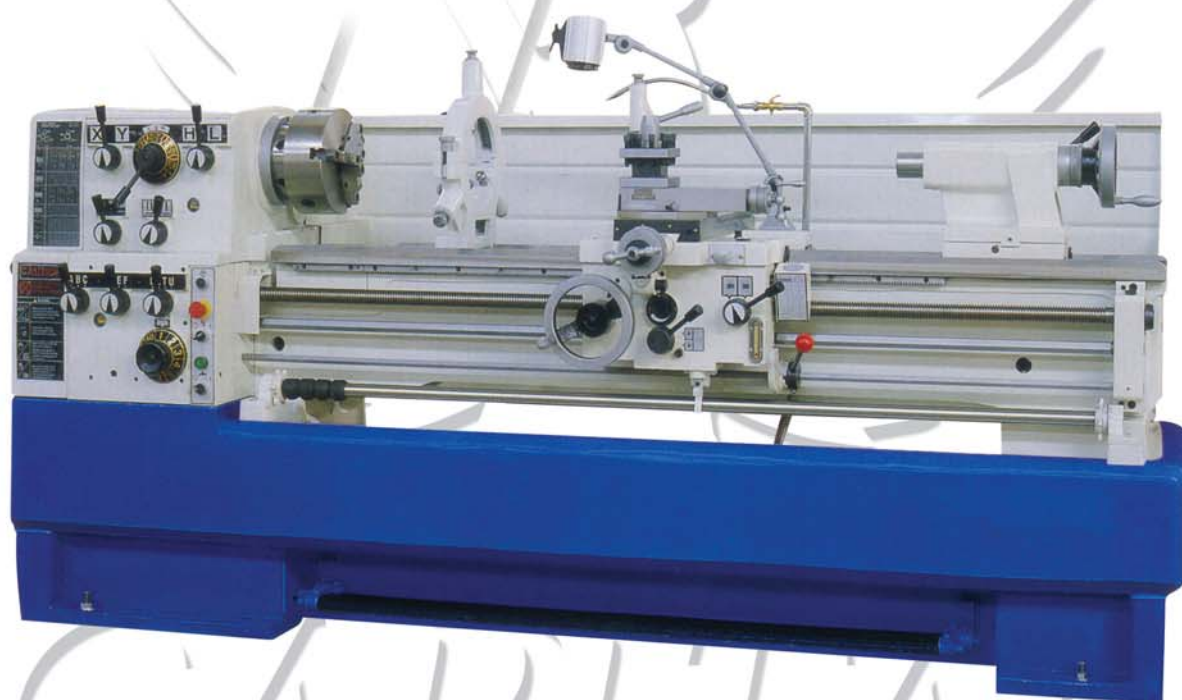
TW 1640

TW 1860

SWING

410mm(16")

460mm(18")



Capital Equipment Machinery Sales

148 Welshpool Road, Welshpool W.A. 6106

Ph: 08 9258 1850 Fax: 08 9258 1855 Direct: 08 9258 1851



CAPITAL LATHES

SPECIFICATIONS

SPECIFICATION	MODELS							
	TW2060 / TW2080		TW2260 / TW2280		TW1640 / TW1660		TW1840 / TW1860	
CAPACITY								
Swing over bed	510mm (20")		560mm (22")		410mm (16")		460mm (18")	
Swing over cross slide	300mm (11-7/8")		350mm (13-3/4")		224mm (8 - 13/16")		274mm (10 - 3/4")	
Swing in gap	738mm (29")		788mm (31")		640mm (25 - 1/8")		690mm (27 - 1/8")	
Length of gap	200mm (8")				155mm (6 - 1/8")			
Distance between centers	1500mm (60")	2000mm (78")	1500mm (60")	2000mm (78")	1000mm (40")	1500mm (60")	1000mm (40")	1500mm (60")
Center height	255mm		280mm		205mm		230mm	
Width of bed	350mm (13 - 3/4")				300mm (11 - 13/16")			
HEADSTOCK								
Spindle nose	D1-8				D1 - 6			
Spindle bore	80mm (3 - 1/8")				58mm (2 - 1/4")			
Taper of spindle bore	No.7Morse				No.6Morse			
Range of spindle speed	12 changes 25 - 1600r/min				12 changes 25 - 2000r/min			
FEEDS AND THREADS								
Max. travel of compound rest	130mm (5 - 1/8")				120mm (4 - 3/4")			
Max. travel of cross slide	326mm (12 - 15/16")				290mm (11 - 3/8")			
leadscrew pitch	6mm Or 4T.P.I.				4T.P.I.			
Max. section of tool	25 x 25mm (1 x 1")							
Longitudinal feeds range	35 kinds 0.059 - 1.646mm/rev (0.0022" - 0.0612"/rev)				42 kinds 0.031 - 1.7mm/rev (0.0011" - 0.0633"/rev)			
Cross feeds range	35 kinds 0.020 - 0.573mm (0.00048") - 0.01354")				42 kinds 0.014 - 0.784 (0.00033" - 0.01837")			
Metric threads range	47 kinds 0.2 - 14mm				41 kinds 0.1 - 14mm			
Inch threads range	60 kinds 2 - 112T.P.I.				60 kinds 2 - 112T.P.I.			
Diametrical pitches range	50 kinds 4 - 112D.P.				50 kinds 4 - 112D.P.			
Module pitches range	39 kinds 0.1 - 7M.P.				34 kinds 0.1 - 7M.P.			
TAILSTOCK								
Dia. of tailstock sleeve	75mm (3")				60mm (2 - 5/16")			
Travel of tailstock sleeve	180mm (7")				120mm (4 - 3/4)			
Morse taper of tailstock sleeve	No.5 Morse				No.4 Morse			
Cross adjustment	± 13mm (± 1/2")				±13mm (± 12")			
MOTOR								
Power of main motor	7.5kw (10HP) 3PH				4kw (5.4HP), OPTIONAL 5.5kw (7.5HP)3PH			
Power of coolant pump	0.1kw (1/8HP) 3PH				0.1kw (1/8HP),3PH			
DIMENSION AND WEIGHT								
Overall dimension (LxWxH)cm	290x112x143	340x112x143	290x112x146	340x112x143	2170x1040x1340	2720x1040x1340	2170x1040x1370	2720x1040x1370
Packing size (LxWxH)cm	296x113x182	346x113x182	296x113x182	346x113x182	2250x1120x1700	2800x1120x1700	2250x1120x1730	2800x1120x1730
Net weight/Gross weight	2335/2700	2685/3070	2370/2740	2720/3110	1670/1980	1970/2320	1720/2045	2020/2385
STANDARD ACCESSORIES								
1.Three Jaw Chuck and Adaptor 2. Four Jaw Chuck and Adaptor 3. Face Plates 4. Steady Rest 5.Follow Rest 6. Oil Gun 7. Thread Chasing Manual 8. Operating Manual 9. One set of Wrenches 10. MT Sleeve and MT Center								
SPECIAL ACCESSORIES								
1. Driving Plate 2. Quick Change Tool Post 3. Taper Turning Attachment								



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