

COLCHESTER LATHES



COLCHESTER TRIUMPH 2000



190x750 or 1250mm (7½x30 or 50in) centre lathe



600

SPECIFICATION

Height of Centres	190mm. (7½ in.)	Width of Bedway	280mm. (11 in.)
Swing over bed	390mm. (15¼ in.)	Total travel of cross slide	235mm. (9¼ in.)
Swing over cross slide	240mm. (9½ in.)	Total travel of top slide	120mm. (4¾ in.)
GAP BED MODELS		Total travel of tailstock barrel	155mm. (6⅛ in.)
Swing in gap	580mm. (23 in.)	Number of spindle speeds	16
Width in front of faceplate	155mm. (6⅛ in.)	Range of Spindle speeds	25-2000 r.p.m.
Spindle bore (max. bar dia.)	54mm. (2⅛ in.)	Overall width of machine	965mm. (38 in.)
Spindle nose mounting	6 in. D.1 camlock	Overall height of machines	1250mm. (49 in.)
Taper in spindle nose bush	No. 4 Morse	Drive	Vee belts and clutches
Taper in tailstock barrel	No. 4 Morse	Motor	7½ h.p.

THREADS		FEEDS	
No. of Whitworth threads	45	Range of sliding feeds per rev. of spindle	0.04mm. - 1.0mm. (0.0015 in. - 0.040 in.)
Range of Whitworth threads	2 - 72 t.p.i.		
No. of Diametral pitches	21		
Range of Diametral pitches	8 - 44	Range of surfacing feeds per rev. of spindle	Approx. half sliding feeds (0.5013 actual)
No. of Metric pitches	39		
Range of Metric pitches	0.2mm. to 14mm.		
No. of Module pitches	18		
Range of Module pitches	0.3 - 3.5		

STANDARD EQUIPMENT (unless otherwise specified) Slotted toolblock — Driving plate — Centre Bush — Two No. 4 Morse Taper centres — 250mm. 3-Jaw Chuck — Chuck Guard — Thread indicator — Electrical equipment for standard 3 phase 415 volt 50 Hz A.C. supply — Coolant Pump, tank and fittings — Splash Guard — Set of spanners and keys — Instruction and spare parts manual — Accuracy chart — Apron Dial.

MODELS

CODE WORD	BED TYPE	DISTANCE BETWEEN CENTRES	OVERALL LENGTH OF MACHINE	WEIGHT
Triumph 2000 30-straight	Straight	760mm. (30 in.)	1930mm. (76 in.)	1170 kg. (2580 lb.)
Triumph 2000 30-gap	Gap			
Triumph 2000 50-straight	Straight	1270mm. (50 in.)	2438mm. (96 in.)	1280 kg. (2820 lb.)
Triumph 2000 50-gap	Gap			

Product Code

Each model is available in the following versions:

STANDARD	With English pitch leadscrew; dial graduations in inches.
MIX	With English pitch leadscrew; dial graduations in millimetres.
METRIC	With Metric pitch leadscrew; dial graduations in millimetres.

Illustrations and specifications are not binding in detail. The designs are subject to modification and improvement without notice.