G 800

General Specifications

Capacity:	Inch	Metric
Swing over table	10″	250mm
Distance between centres	27 1/2″	700mm
Distance between tailstock & workhead	22 3/4″	580mm
Taper hole in workhead spindle	one end ASA No.50 other end No.12 B & S, or No.5 MT (Specify by order).	
Table:		
T-Slot (number & size)	one, 0.565″ / 0.536″	14.30mm +0.05mm −0.00mm
Working surface	5 5/16 × 37″	135 × 940mm
Range of movement:		
Longitudinal movement of table	16″	400mm
Cross movement of saddle	10″	250mm
Graduation for table swivel movement	±60°	
Table graduation on end, for taper of	±10°	
Vertical movement of wheel head	10″	250mm
Wheel head tilts	±15°	
Wheel head swivels	360°	
From wheel spindle centre to top of table	max. 12″ min. 2″	300mm 50mm
From wheel spindle center to T-slot center	max. 16 1/2″ min. 6 1/2″	415mm 165mm
Grinding wheel spindle rpm.	2600, 3700, 6200	
Grinding wheel spindle motor	1HP	0.75kW
Required floor space	61″ × 68 1/2″	1550 × 1734mm
Net weight of machine	abt. 2000 lbs.	900kg
Gross weight machine	abt. 2800 lbs.	1350kg
Dimension of packing case	abt. 166-0 CFT.	1840 × 1590 × 1580mm
• When 1.5kW (2HP) (option) is attached		
Wheel diameter	max. 8″	205mm
Flange diameter	1 1/2″	38.1mm
Spindle speed	2700, 3700, 5000 rpm.	

(Above specifications are subject to change without notice.)

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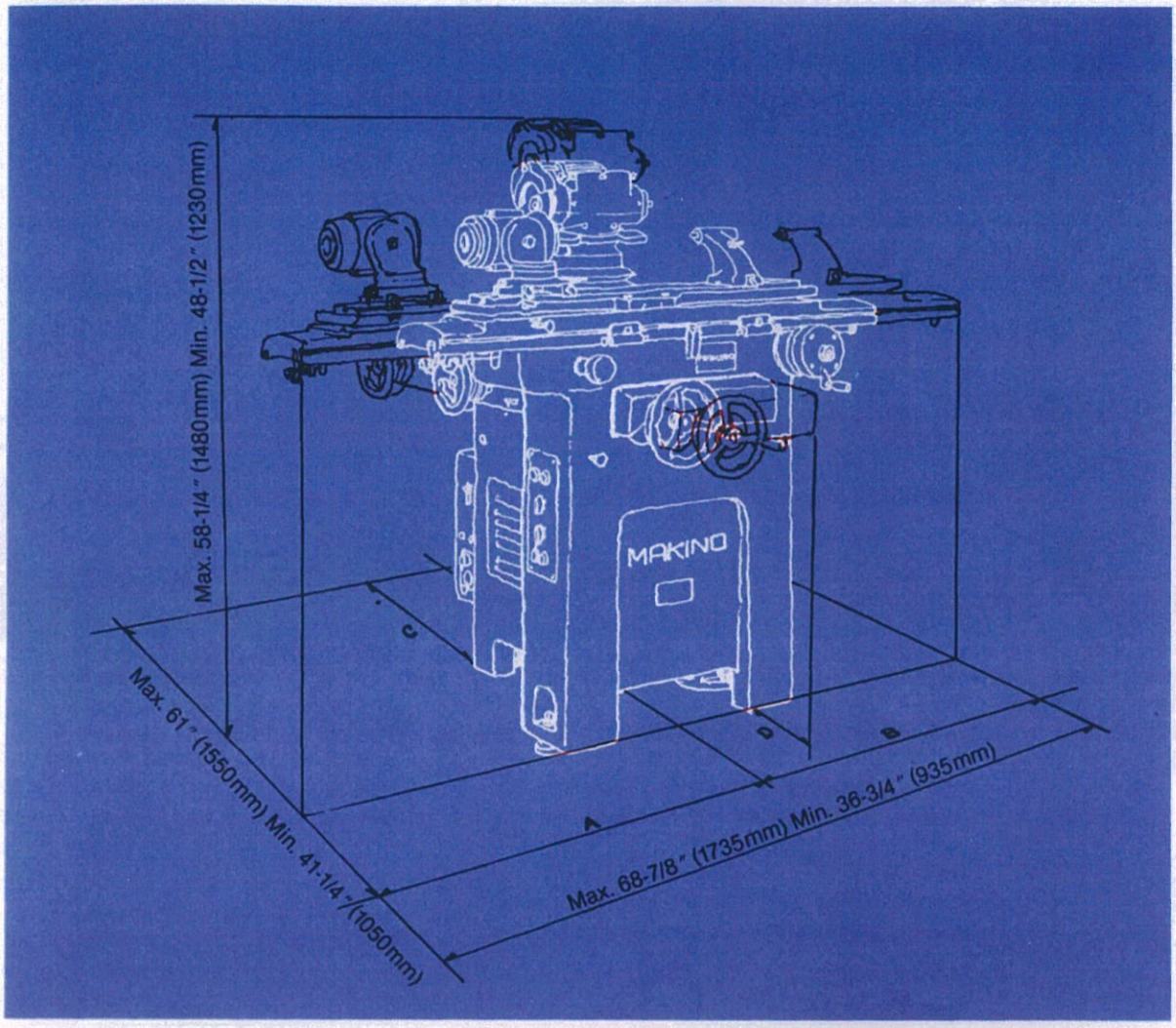
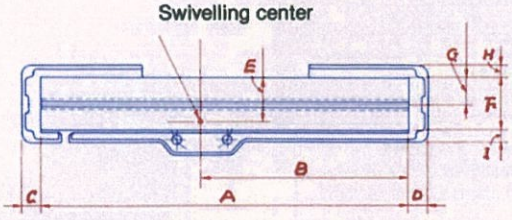
FLOOR PLAN

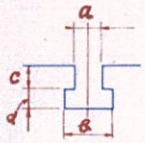


	A	B	C	D	E	F
MAX	37" (925)	31 7/8" (810)	15 7/8" (403)	15 3/8" (392)	61" (1550)	58 1/4" (1480)
MIN	21" (525)	16 1/8" (410)	6" (153)	5 1/2" (142)	41 1/4" (1050)	48 1/2" (1230)

( )=mm

Swivelling center





A	B	C	D	E	F	G	H	I
37" (940)	21" (532.5)	2" (50)	2" (50)	4 3/8" (110)	5 3/8" (135)	2 3/4" (68.5)	1 3/16" (30)	1 3/16" (30)

( )=mm

a	b	c	d
0.565" 0.536" (14.30$^{+0.05}_{-0.00}$)	15/16" (24)	1/2" (12)	3/8" (10)

( )=mm

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