

Principal data

Machine type:	92 ML		93 ML		94 ML	
	mm	in	mm	in	mm	in
Segmental wheel diameter	711	28	864	34	1016	40
Segments per set	12		16		12	
Table diameter and grinding capacity	1219	48	1524	60	1829	72
Magnetic table diameter (when supplied)	1219	48	1524	60	1829	72
Max. height of wheel to table	572	22½	572	22½	654	25¾
Min. height of wheel to table	114	4½	114	4½	114	4½
Max. height of wheel to magnetic table	457	18	457	18	540	21¼
Spindle speed	550 r.p.m.		450 r.p.m.		380 r.p.m.	
Table speeds	18 & 6 r.p.m.		16 & 5½ r.p.m.		9 & 3 r.p.m.	
Automatic feed 10 rates	0.1-1.0 mm/min (0.004-0.040 ins/min)					
Power elevation	635 mm/min (25 ins/min)					
Spindle motor	*50-75 h.p. at 960 r.p.m.		*60-100 h.p. at 960 r.p.m.		*75-100 h.p. at 960 r.p.m.	
Table motor	6/2½ h.p. at 1440/480 r.p.m.		6/2½ h.p. at 1440/480 r.p.m.		7½/3 h.p. 1440/480 r.p.m.	
Feed motor	½ h.p. at 1440 r.p.m.		½ h.p. at 1440 r.p.m.		½ h.p. at 1440 r.p.m.	
Elevation motor	1 h.p. at 720 r.p.m.		1 h.p. at 720 r.p.m.		1½ h.p. at 720 r.p.m.	
Coolant pump motor	1 h.p. at 1440 r.p.m.		1 h.p. at 1440 r.p.m.		1 h.p. at 1440 r.p.m.	
Overall height of machine	3048	10' 0"	3073	10' 1"	3708	12' 2"
Floor space	4394 × 3353 mm	(14' 5" × 11' 0")	4394 × 3607 mm	(14' 5" × 11' 10")	4800 × 4520 mm	(15' 9" × 14' 10")
Approx. net weight	12200 kg	12 tons	15200 kg	15 tons	23350 kg	23 tons
Approx. gross weight	13700 kg	13½ tons	16700 kg	16½ tons	25400 kg	25 tons
Approx. shipping space	24 cu.m.	850 cu.ft.	28 cu.m.	1000 cu.ft.	45 cu.m.	1600 cu.ft.

Machine type:	95 ML		96 ML		97 ML	
	mm	in	mm	in	mm	in
Segmental wheel diameter	1168	46	1371	54	1625	64
Segments per set	16		18		20	
Table diameter and grinding capacity	2134	84	2540	100	3048	120
Magnetic table diameter (when supplied)	2134	84	2540	100	3048	120
Max. height of wheel to table	698	27½	768	30¼	768	30¼
Min. height of wheel to table	159	6¼	159	6¼	159	6¼
Max. height of wheel to magnetic table	540	21¼	610	24	610	24
Spindle speed	330 r.p.m.		280 r.p.m.		240 r.p.m.	
Table speeds	8 & 2⅝ r.p.m.		6⅝ & 2¼ r.p.m.		5½ & 1½ r.p.m.	
Automatic feed 10 rates	0.1-1.0 mm/min (0.004-0.040 ins/min)					
Power elevation	635 mm/min (25 ins/min)					
Spindle motor	*100-140 h.p. at 960 r.p.m.		*140-200 h.p. at 960 r.p.m.		*200-300 h.p. at 960 r.p.m.	
Table motor	10/4 h.p. at 1440/480 r.p.m.		10/4 h.p. at 1440/480 r.p.m.		15/6 h.p. 1440/480 r.p.m.	
Feed motor	½ h.p. at 1440 r.p.m.		½ h.p. at 1440 r.p.m.		½ h.p. at 1440 r.p.m.	
Elevation motor	1½ h.p. at 720 r.p.m.		1½ h.p. at 720 r.p.m.		1½ h.p. at 720 r.p.m.	
Coolant pump motor	1 h.p. at 1440 r.p.m.		1 h.p. at 1440 r.p.m.		1 h.p. at 1440 r.p.m.	
Overall height of machine	3760 mm (12' 4")		3860 mm (12' 8")		4140 mm (13' 7")	
Floor space	5029 × 4775 mm (16' 6" × 15' 8")		5410 × 5335 mm (17' 9" × 17' 6")		5640 × 5740 mm (18' 6" × 18' 10")	
Approx. net weight	25400 kg (25 tons)		36575 kg (36 tons)		48800 kg (48 tons)	
Approx. gross weight	27450 kg (27 tons)		38600 kg (38 tons)		50800 kg (50 tons)	
Approx. Shipping space	50 cu.m. (1800 cu.ft.)		70 cu.m. (2500 cu.ft.)		97 cu.m. (3400 cu.ft.)	

*Alternative spindle motors.

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