

S -614

Precision Surface Grinders



ESG -818M

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ESG -618

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SPECIFICATION:

MODEL		S- 614	ESG- 618 618M	ESG- 818M	ESG-1020M
Table size		152 x 460mm 6" x 14"	152 x 460mm 6" x 18"	203x 460mm 8" x 18"	254 x 508mm 10" x 20"
Max. grinding length	Longitudinal	380mm(15")	480mm(19")	480mm(19")	520mm(20 1/2")
Max. grinding width	Crosswise	178mm(7")	178mm(7")	238mm (9 3/ 8)	280mm(11")
Max. distance from table surface to spindle centerline		406mm(16")	460mm(18")	460(18")	Standard column: 500mm(19 5/ 8") Option high column:600mm(23 5/ 8")
Standard magnetic chuck size		150 x 350mm (6" x 14")	150 x 450mm (6" x 18")	200 x 450mm (8" x 18")	250 x 500mm (8" x 18")
Longitudinal movement of table	Max. travel	400mm(15 3/4")	510mm(20")	510mm(20")	620mm(24 3/ 8")
	Max. travel	190mm(7 1/ 2")	195(7 3/4")	250mm(9 3/4")	300mm (11 3/4")
Cross transverse travel	Handwheel per revolution	5mm (0.2")	5mm (0.2")	5mm (0.2")	5mm (0.2")
	Handwheel per graduation	0.02mm(0.0005")	0.02mm(0.0005")	0.02mm(0.0005")	0.02mm(0.001")
Wheelhead vertical infeed	Handwheel per revolution	1mm(0.05")	1mm(0.05")	1mm(0.05")	1mm(0.05")
	Handwheel per graduation	0.005mm (0.0001")	0.005mm (0.0001")	0.005mm (0.0001")	0.005mm (0.0005")
Grinding spindle drive	Speed	60HZ, 3450R.P.M; 50HZ, 2850 R.P.M.			
	Power rating	2.0HP	2.0HP	2.0HP	3.0HP
Standard grinding wheel	Diameter	203mm(8")			
	Width	12.7mm(1/ 2"), Max.19mm(3/4")			19mm(3/4"), MAX.25mm
	Bore	31.75mm(1 1/4")			
Total space require (L x W x H)		1600 x 1133 x 1610mm (63" x 44 5/ 8" x 63 3/ 8")	1810 x 1133 x 1660mm (71" x 45" x 65")	1810 x 1285 x 1680mm (71" x 50 1/ 2" x 66")	2400 x 1450 x 1750mm (94 1/ 2" x 57" x 68 1/ 8")
Weight	Net weight , Approx.	635KGS 1400LBS	720KGS 1584LBS	1060KGS 2332LBS	1600KGS 3520LBS
	Gross weight, Approx	755KGS 1665LBS	850KGS 1870LBS	1090KGS 2398LBS	1850KGS 4070LBS
Rated power, approx.		2.0HP			3.0HP
Packing dimensions	L x W x H	1120 x 1000 x 1830mm (44" x 40" x 72")	1140 x 1000 x 1930mm (45" x 40" x 76")	1440 x 1120 x 1930mm (57" x 48" x 76")	1840 x 1620 x 2020mm (72 1/ 2" x 63 3/4" x 79 1/ 8")