

Precision Automatic Surface Grinders

ESG -1224ASDII



ESG -1632ASDII



ESG -3A1228



ESG -1640ASDII



SPECIFICATIONS:

MODEL		ESG-1A1224 2A1224	ESG-3A1224 1224ASDII	ESG-3A1228 1228ASDII	ESG-3A1236 1236ASDII	ESG-3A1632 1632ASDII	ESG-3A1640 1640ASDII
Table size		300 x 600mm		305 x 712mm	305 x 915mm	406 x 813mm	406 x 1020mm
Max. grinding length	Longitudinal	600mm		712mm	915mm	813mm	1020mm
Max. grinding width	Crosswise	330mm				410mm	
Max. distance from table surface to spindle centerline		585mm		Stand column : 630mm Optional high column : 720mm			
Standard magnetic chuck size		300 x 600mm		300 x 700mm	300 x 900mm	400 x 800mm	400 x 1000mm
Longitudinal movement of table	Max. travel, hydraulic	650mm		760mm	960mm	890mm	1060mm
	Max. travel, manual	730mm		830mm	1000mm	930mm	1100mm
	Max. travel, infinitely variable						
Cross transverse travel	Auto transverse increment	1-19mm		1-25mm			
	Auto constant feeding speed	20-320mm/min					
	Max. auto transverse travel	310mm		350mm		430mm	
	Max. manual transverse travel	340mm		380mm		460mm	
	Handwheel per revolution	5mm					
	Handwheel per graduation	0.02mm					
wheelhead vertical infeed	Automatic infeed	-	0.001-0.05mm				
	Step feed (jog)	-	0.001mm				
	Rapid travel, approx	-	150mm/min				
	Slow travel, approx	-	6mm/min				
	Handwheel revolution	1mm ASDII : Min. display value:0.001mm (no elevating handwheel)					
	Handwheel graduation	0.005mm ASDII : Min. display value: 0.001mm (no elevating handwheel)					
Grinding spindle drive	Speed	60HZ, 1750R.P.M.;50HZ, 1450R.P.M					
	Power rating	5.0HP	Standard: 5HP;Option : 71/ 2HP				
Standard grinding wheel	Diameter	304mm		355mm			
	Width	31.75mm		50mm			
	Bore	76.2mm		127mm			
Hydraulic motor	Power rating	2.0HP x 6P		3.0HP x 6P			
Crossfeed motor	Power rating	80W x 6P					
Elevating motor	Power rating	-	80W x 6P	1/4P x 6P			
Floor space	Total space required	2700 x 1600 x 1850mm		2950 x 1970 x 2050mm	3550 x 1970 x 2050mm	3290 x 2200 x 2050mm	4020 x 2200 x 2050mm
Weights	Net weight, approx.	1950KGS	1990KGS	3020KGS	3330KGS	3400KGS	4000KGS
	Gross weight, approx.	2250KGS	2290KGS	3520KGS	3700KGS	4000KGS	4500KGS
Rated power, approx.		7.5HP	8 1/4HP	8 1/2HP (Spindle motor : 5HP),11HP (Spindle motor: 7.5HP)			
Packing dimensions	L x H x W	2340 x 2130 x 2100mm	2480 x 2140 x 2100mm	2500 x 2290 x 2220mm	3000 x 2290 x 2220mm	2800 x 2290 x 2220mm	3250 x 2290 x 2220mm