

YSG-618/52A1S

Precision surface and profile single-axis nc grinding machine



SPECIFICATION:

MODEL		618A1S	52A1S
CAPACITY	Maximum grinding(length x width)	500 x 150mm	550 x 220mm
	Max. distance from table surface to spindle center line	400mm	400mm
TABLE	Table surface (length x width)	465 x 150mm	500 x 200mm
	Max. longitudinal travel	550mm	600mm
	Max. cross travel	177mm	235mm
	T-slot (width)	17mm	17mm
FEED	Longitudinal movement of table		
	Hydraulic feed	1~25 m/min	1~25 m/min
	Hand feed per revolution	69mm	69mm
	Cross movement of saddle		
	Intermittent feed	0.15mm~10mm	0.15mm~10mm
	Continuous feed	1200mm/min	1200mm/min
	Hand feed per revolution	5mm	5mm
	Graduation of handwheel	0.02mm	0.02mm
	Vertical movement of wheel head		
	Hand feed per revolution	1mm	1mm
	Graduation of handwheel	0.005mm	0.005mm
	Rapid feed	230/ 29mm/min	300/ 29mm/ min
	Automatic down feed		
	Feed rate(coarse / Fine)	0.001~0.099mm	0.001~0.099mm
	Total stock removal	0.001~999.999mm	0.001~999.999mm
	Fine feed stock removal	0.001~0.099mm	0.001~0.099mm
Spark out	0~9 passes	0~9 passes	
SPINDLE & WHEEL	Spindle motor	1.5HP	2HP
	Spindle speed (50/ 60HZ)	3000/ 3600 rpm	3000/ 3600 rpm
	Grinding wheel outside diameter	∅ 205mm / 180mm	∅ 205mm / 180mm
	Grinding wheel bore	∅ 31.75mm	∅ 31.75mm
MOTOR	Hydraulic	1HP / 2HP (50HZ)	1HP / 2HP (50HZ)
	Cross feed	25W	40W
	Vertical rapid feed	21.6kg-cm	35kg-cm
	Floor space (L x W x H)	211 x 130 x 180cm	211 x 150 x 198cm
	Weight (Approx.)	900kgs	1200kgs
	Packing dimension (L x W x H)	200 x 112 x 213cm	210 x 150x 213cm
<p>STANDARD ACCESSORIES:</p> <p>1.Grinding wheel (∅ 180/ 205 x 13 x 31.75)1pc 2.Grinding wheel adaptor & puller1set 3.Arbor for wheel balancing1pc 4.Diamond tool (1/4 carat) with a base.....1set 5.Dust sweeping plate.....1pc 6.Working lamp.....1set 7.Leveling plates.....5pcs 8.Leveling bolts with nuts.....5pcs 9.Eyebods.....4pcs 10.T-Nut & screws.....2set 11.Necessary tools with a tool box.....1set 12.Lubrication oil(4 liter).....1can 13.Plug (5/ 8").....4pcs 14.Operation manual and inspection certificate.....1copy each 15.Spare paint.....1can</p>		<p>OPTIONAL ACCESSORIES:</p> <p>(1001)Pemanent-magnetic chuck (1002)Electro-magnetic chuck (1003)Grinding wheel balancing apparat (1004)Spare grinding wheel adaptor (1005)Vertical movement measuring attachment (Dial indicator : 0.001m/m) (1006)Cross movement measuring attachment (Dial indicator : 0.001m/m) (1007)Demagnetizer (AC110V/220V, iE1A)/Automatic demagnetizing controller (1008)Dust suction system (1009)Coolant system (1010)Radius dressing device (1011)Angle dressing device (1012)Hand dresser mounted on wheelhead (1013)Optical-dresser device with microscope(x10) (1014)Spindle motor inverter (1015)Coolant & Dust suction system (1016)Punch former (1017)Sine vise (1018)Sine plates (1019)Tool makers vise (1020)Digital read out for Cross / vertical movement</p>	