

APS-618

NC/CNC Precision surface grinding machine



SPECIFICATION:

MODEL		618A	618P	618S	818A	818P	818S
CAPACITY	Maximum grinding (length x width)	480 x 150mm			480 x 200mm		
	Maximum distance from table top to spindle center line	95-510mm			95-510mm		
TABLE	Table surface (lengthxwidth)	480 x 150mm			480 x 200mm		
	Maximum longitudinal travel	530mm	510mm		530mm	510mm	
	Maximum cross travel	170mm			220mm		
	T-slot (No. x width)	1 x 14mm			1 x 14mm		
FEED	Longitudinal movement of table						
	Hydraulic feed	1-25M / min			1-25M / min		
	Continous transverse feed			0.3-25 M/min			0.3-25 M/min
	Hand feed per revolution	69mm			69mm		
	Cross movement of saddle						
	intermittent feed	0.15mm-10mm		0-12mm	0.15mm-10mm		0-12mm
	Continuous transverse feed	1200mm/min			1200mm/min		
	Hand feed per revolution	5mm	0.1mm~5mm		5mm	0.1mm~5mm	
	Graduation of hand wheel	0.02mm	0.001~0.05mm		0.02mm	0.001~0.05mm	
	Vertical movement of wheel head						
	Hand feed per revolution	0.1-1mm			0.1-1mm		
	Graduation of handwheel	0.001-0.01mm			0.001-0.01mm		
	Rapid feed	800mm/min			800mm/min		
SPINDLE & WHEEL	Spindle motor	2HP/ 2P(5HP/ 2P OPT.)			2HP/ 2P(5HP/ 2P OPT.)		
	Spindle speed(60 / 50HZ)	3400/ 2850rpm			3400/ 2850rpm		
	Grinding wheel outside diameter x thickness	Ø 205mm x 19t			Ø 205mm x 19t		
	Grinding wheel bore	Ø 31.75mm			Ø 31.75mm		
MOTOR	Hydraulic	2HP/ 6P			2HP/ 6P		
	Cross feed	25W	400W (AC servo)		25W	400W (AC servo)	
	Vertical feed (AC servo)	300W		400W	300W		400W
	Longitudinal feed (AC servo)			750W			750W
	Floor space (L x W x H)	2050 x 1720 x 1850mm			2050 x 1720 x 1850mm		
	Weight (Approx)	1600KGS			1650KGS		
	Packing dimensions(L x W x H)	1880 x 1820 x 2020mm			1880 x 1820 x 2020mm		