

## **YSG-614S**

**Precision surface and profile grinding machine**



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## SPECIFICATIONS

Model		YSG-618S	YSG-614S
Capacity	Max. grinding length	18.5"(470mm)	14.5"(370mm)
	Max. grinding width	6.3"(160mm)	6.3"(160mm)
	Max.distance from table surface to spindle center line	16"(400mm)	16"(400mm)
Table	Working surface area	18.3" x 6" (465mm x 150mm)	14.4" x 6" (365mm x 150mm)
	Max. longitudinal movement	18.9(480mm)	15"(380mm)
Saddle	Max. cross movement	7"(177mm)	
Motor	Gring wheel spindle	1.5HP x 2P	
Grinding wheel	Spindle revolution (50/ 60HZ)	Max 3000/ 3600rpm	
	Diameter x width x bore	50HZ 8"(205mm) x 0.5(13mm) x 1.25"(31.75 ∅ mm) 60HZ 8"(180mm) x 0.5(13mm) x 1.25"(31.75 ∅ mm)	
Feed	Longitudinal hand feed per revolution	4.1"(105mm)	4.1"(105mm)
	Cross hand feed per revolution graduation of dial ring	0.2"/ rev(5mm/rev)0.001"(0.02mm)	
	Vertical hand feed per revolution graduation of dial ring	0.05"/rev(1mm/rev)0.0001"(0.005mm)	
	Floor space( L x W x H)	55.1" x 39.4" x 70.9" (1400 x 1000 x 1800mm)	51.2" x 39.4" x 70.9" (1300 x 1000 x 1800mm)
	Weight (Approx.)	1540lbs(700kgs)	1300lbs(590kgs)

### STANDARD ACCESSORIES:

1.Grinding wheel (WA46.7.1∅ x 0.5" x 1.25"∅)	1pc
2.Grinding wheel adaptor & puller	1set
3.Arbor for wheel balancing	1pc
4.Diamond tool (1/4 carat) with a base	1set
5.Dust sweeping plate	1pc
6.Working lamp	1set
7.Leveling plates	3pcs
8.Leveling bolts with nuts	3sets
9.Eyebolts	4pcs
10.T-Nut & screws	2sets
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

### OPTIONAL ACCESSORIES:

(1001) Permanent -magnetic chuck
(1002) Lnclining type permanent-magnetic chuck
(1003) Grinding wheel balancing apparatus
(1004) Spare grinding wheel adaptor
(1005) Vertical movement measuring attachment (Dial indicator: 0.001mm)
(1006) Cross movement measuring attachment (Dial indicator:0.01mm)
(1007) Demagnetizer(AC110V/ 220V.A)
(1008) Dust suction system
(1009) Coolant system
(1010) Radius dressing device
(1011) Angle dressing device
(1012) Hand-dresser mounted on wheelhead
(1013) Option-dresser device with microscope( x10)
(1014) Inverters
(1015) Coolant & dust suction system
(1016) Punch former
(1017) Sine vice
(1018) Sine plates
(1019) Tool makers vise
(1020) Digital read out for cross movement
(1021) Micro-feeder for cross movement
(1022) Micro-feeder for vertical movement
(1023) Vertical rapid feed device