

SEEDTEC®

Precision Surface Grinding Machine

YSG-614S/618S



YSG-618S



YSG-614S

Main Features

- Cross Double Vee slide-way
- Accuracy (Table surface) guaranty : 0.002m/m
- One-piece Casting Base and sildeway
- Automatic lubrication system
- Cartridge-Type spindle, ABEC Class 7(P4) Bearings, 0.003m/m TIR.

STANDARD ACCESSORIES



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| (1) Grinding wheel | 1 pc |
| (2) Grinding wheel adaptor & puller | 1 set |
| (3) Arbor for wheel balancing | 1 pc |
| (4) Diamond tool (1/4 carat) with a base | 1 set |
| (5) Dust sweeping plate | 1 pc |
| (6) Working lamp | 1 set |
| (7) Leveling plates | 3 pcs |
| (8) Leveling bolts with nuts | 3 sets |
| (9) Eyebolts | 4 pcs |
| (10) T-Nut & screws | 2 sets |
| (11) Necessary tools with a tool box | 1 set |
| (12) Lubrication oil (4 liter) | 1 can |
| (13) Plug (5/8") | 4 pcs |
| (14) Operation manual and inspection certificate | 1 copy each |
| (15) Spare paint | 1 can |

SPECIFICATIONS

Item		Model	YSG-618S (Manual)	YSG-614S (Manual)
		INCH (METRIC)		
Capacity	Max. grinding length		18.5" (470 m/m)	14.5" (370 m/m)
	Max. grinding width		6.3" (160 m/m)	6.3" (160 m/m)
	Max. distance from table surface to spindle center line		15.7" (400 m/m)	15.7" (400 m/m)
Table	Working surface area		18.3" x 6" (465 m/m x 150 m/m)	14.4" x 6" (365 m/m x 150 m/m)
	Max. longitudinal movement		18.9" (480 m/m)	15" (380 m/m)
Saddle	Max. cross movement		7" (177 m/m)	
Motor	Grinding wheel spindle		2.0 HP x 2P	
Grinding wheel	Spindle revolution (50/60HZ)		Max 3000/3600 rpm	
	Diameter x width x bore		50HZ 8" (ø205 m/m) x 0.5" (13m/m) x 1.25" (ø31.75 m/m) 60HZ 7.1" (ø180m/m) x 0.5" (13m/m) x 1.25" (ø31.75 m/m)	
Feed	Longitudinal hand feed per revolution		4.1" (105m/m)	
	Cross hand feed per revolution graduation of dial ring		0.2"/rev (5m/m/rev) 0.001"(0.02 m/m)	
	Vertical hand feed per revolution graduation of dial ring		0.05"/rev (1m/m/rev) 0.0001"(0.005 m/m)	
	Floor space (L x W x H)		55.1" x 39.4" x 70.9" (1400 x 1000 x 1800 m/m)	51.2" x 39.4" x 70.9" (1300 x 1000 x 1800 m/m)
	Weight (Approx)		1540lbs (700kgs)	1300lbs (590kgs)

• Specifications are subject to change without notice

TABLE LOADING

A:Work piece B:Chuck C:A+B

Model	YSG-614S	YSG-618S
A	50 kgs	50 kgs
B	50 kgs	50 kgs
C	100 kgs	100 kgs

OPTIONAL ACCESSORIES

- A01. Micro-feeder for cross movement
- A02. Micro-feeder for vertical movement
- B02. Vertical rapid feed device
- C01. Inverter
- D01. Digital read out for cross/vertical movement
- E01. Coolant system
- E02. Dust suction system
- E03. Coolant & dust suction system
- E04. Coolant system C/W a magnetic dust separator
- E05. Coolant & dust suction system C/W a magnetic dust separator
- E06. Coolant system with paper filter
- E07. Coolant system with paper filter C/W a magnetic dust separator
- F01. Splash guard unit
- G01. Hand dresser mounted on wheel head
- G05. Optical dresser with microscope (X10)
- H02. Powered conditioning tools for diamond & CBN wheel
- I01. Consistent temperature control for hydraulic system
- N01. Dynamic balancer for grinding wheel
- O01. Demagnetizer (AC110V, 0.9A)
- O02. Automatic demagnetizing controller
- P01. Permanent-magnetic chuck (standard or decline type)
- P02. Electro-magnetic chuck (standard or decline type)
- Q01. Grinding wheel balancing apparatus
- R01. Spare grinding wheel adaptor
- Y03. Radius dressing device
- Y03. Angle dressing device
- Y04. Punch former
- Y05. Sine vise
- Y05. Tool maker vise
- Y06. Sine plate with permanent-magnetic chuck

(Note: The marks " • " to be installed at factory)

