

Surface Grinding

Automatic (Digital Type)-ESG-618ASDII/ESG-818ASDII

Specifications:

MODEL		ESG-618ASDII	ESG-818ASDII
Table Size		152x460mm	203x460mm
Max.grinding length	Longitudinal	480mm	480mm
Max.grinding width	Crosswise	168mm	228mm
Max. distance from table surface to spindle centerline		460mm	460mm
Stadard magnetic chuck size		150x450mm	200x450mm
Longitudinal movement of table	Max. travel, hydraulic	480mm	480mm
	Max. travel, manual	510mm	510mm
	Max. travel,infinitely variable	60HZ,5-28m/min,50HZ,5-23m/min	60HZ,5-28m/min,50HZ,5-23m/min
Cross transverse travel	Auto transverse increment	1-10mm	1-10mm
	Max. auto transverse travel	180mm	235mm
	Max. manual transverse travel	195mm	250mm
	Handwheel revolution	5mm	5mm
	Handwheel graduation	0.02mm	0.02mm
Sheelhead vertical infeed	Automatic infeed	0.001~0.05mm	0.001~0.05mm
	Step feed (jog)	0.001mm	0.001mm
	Rapid travel, Approx	250mm/min	250mm/min
	Slow travel, Approx	6mm/min	6mm/min
	Handwheel revolution	1mm	1mm
	Handwheel graduation	0.005mm	0.005mm
Grinding spidle drive	Speed	60HZ,1750 R.P.M. / 50HZ,1450 R.P.M.	60HZ,1750 R.P.M. / 50HZ,1450 R.P.M.
	Power rating	2.0HP	2.0HP
Standard grinding wheel	Diameter	203MM	203MM
	Width	12.7mm(1/2"),MAX. 19mm(3/4")	12.7mm(1/2"),MAX. 19mm(3/4")
	Bore	31.75mm	31.75mm
Hydraulic motor	Power rating	1HPx6P	1HPx6P
Crossfeed motor	Power rating	40Wx6P	40Wx6P
Elevating motor	Power rating	40Wx6P	40Wx6P
Floor space	Total space required	1810x1133x1660mm	1810x1285x1680mm
Weights	Net weight, Approx.	850KGS	1205KGS
	Gross weight, Approx.	1000KGS	1375KGS
Rated power, Approx (Standard power rating)		3.0HP	3.0HP
Packing dimensions	L x W x H	1980x1420x1930mm(78"x56"x76")	1890x1630x1930mm

General Features :

1.HIGH PRECISION CARTRIDGE WHEEL SPINDLE:

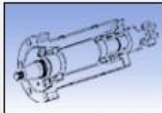
Spindle supported by two precision angular ball bearings & one NN TYPE roller bearing and driven by V3 class motor that allow heavy leaded and high accurate grinding performance.

2.HIGH RIGID CASTING CONSTRUCTION:

The saddle rests on precision hand-scraped double V ways, and the table rests on precision hand-scraped V and flat ways which coated with "TURCITE-B". These guide ways are equipped with auto lubrication to resist wear of guide ways, plus lasting accuracy and damping.

3 AUTO LUBE SYSTEM:

Automatic lubrication system is applied as standard to ensure sufficient lubrication at lead-screws and guide-ways for more longevity



Precision Spindle (for
614~818)



Saddle and Table



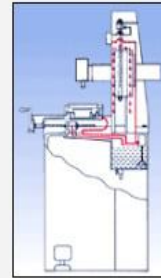
Patent double-motor system
for vertical up / down. Ac motor
(rapid) / Stepping motor (slow
auto downfeed)



Table Hydraulic
Travel Adjusting



Cross slide way



Auto Lubrication System

STANDARE ACCESSORIES :

1. Tool box with tools	6. Wheel flange
2. Wheel extract screw & nut	7. Touch-up paint
3. Balancing arbor	8. Auto lubrication system
4. Levelling screw with blocks	9. Diamond dresser
5. Grinding Wheel	10. Crossfed Ballscrew

Optional Accessories :



Electro Magnetic Chuck



Inclinable Permanent Magnetic Chuck



Swivel Wheel Guard



Frequency Changer



Coolant System With Manual Paper Feeding Device



Auto Paper Feeding Device With Magnetic Separator



Coolant System



Dust Collector



Screw Type Parallel Dressing Attachment



Concave Convex Forming Dresser



Work Light(Quartz)



Splash Guard



Spare Wheel Flange



Manual Parallel Dresser



Chuck Control With Demagnetizer



Precision Vice



Punch Former



Balancing Stand(Double Line)



Roller Type Balancing Stand



Micro Crossfeed For 618/818 Series



Ratchet Type Electro Parallel Dresser (10/12/16 Series)



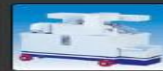
Digital Readout



Permanent Magnetic Chuck



Manual Pulse Generator For ASDII Type



Coolant System With Magnetic



Coolant And Dust Unit