

Surface Grinding
Automatic (Digital Type)-ESG-1228ASDII/1236ASDII/1236ASDII
Specifications:

MODEL		ESG-1228ASDII	ESG-1236ASDII	ESG-1236ASDII
Table Size		305x712mm	305x915mm	305x915mm
Max.grinding length	Longitudinal	712mm	915mm	915mm
Max.grinding width	Crosswise	330mm	330mm	330mm
Max. distance from table surface to spindle centerline		Standard column:630mm; Optional high column:720mm	Standard column:630mm; Optional high column:720mm	Standard column:630mm; Optional high column:720mm
Stadard magnetic chuck size		300x700mm	300x900mm	300x900mm
Longitudinal movement of table	Max. travel, hydraulic	760mm	960mm	960mm
	Max. travel, manual	830mm	1000mm	1000mm
	Max. travel, infinitely variable	60HZ,5-25m/min,50HZ,5-20m/min	60HZ,5-25m/min,50HZ,5-20m/min	60HZ,5-25m/min,50HZ,5-20m/min
Cross transverse travel	Auto transverse increment	1-25mm	1-25mm	1-25mm
	Auto constant feeding speed	20-320mm/min	20-320mm/min	20-320mm/min
	Max. auto transverse travel	350mm	350mm	350mm
	Max. manual transverse travel	380mm	380mm	380mm
	Handwheel revolution	5mm	5mm	5mm
	Handwheel graduation	0.02mm	0.02mm	0.02mm
Sheelhead vertical infeed	Automatic infeed	0.001~0.05mm	0.001-0.05mm	0.001-0.05mm
	Step feed (jog)	0.001mm	0.001mm	0.001mm
	Rapid travel, Approx	150mm/min	150mm/min	150mm/min
	Slow travel, Approx	6mm/min	6mm/min	6mm/min
	Handwheel revolution	1mm	1mm	1mm
	Handwheel graduation	0.005mm	0.005mm	0.005mm
Grinding spidle drive	Speed	60HZ,1750R.P.M.,50HZ,1450R.P.M.	60HZ,1750R.P.M.,50HZ,1450R.P.M.	60HZ,1750R.P.M.,50HZ,1450R.P.M.
	Power rating	Standard:5HP; Optional:7 1/2HP,10HP	Standard:5HP; Optional:7 1/2HP,10HP	Standard:5HP; Optional:7 1/2HP,10HP
Standard grinding wheel	Diameter	355mm	355mm	355mm
	Width	50mm	50mm	50mm
	Bore	127mm	127mm	127mm
Hydraulic motor	Power rating	3.0HPx6P	3.0HPx6P	3.0HPx6P
Crossfeed motor	Power rating	80Wx6P	80Wx6P	80Wx6P
Elevating motor	Power rating	1/4Wx6P	1/4Wx6P	1/4Wx6P
Floor space	Total space required	2950x1970x2050mm	3550x1970x2050mm	3550x1970x2050mm
Weights	Net weight, Approx.	3020KGS	3330KGS	3330KGS
	Gross weight, Approx.	3520KGS	3700KGS	3700KGS
Rated power, Approx (Standard power rating)		8 1/2HP(Spindle motor:5HP),11HP(Spindle motor:7.5HP),13 1/2HP(Spindle motor:10HP)	8 1/2HP(Spindle motor:5HP),11HP(Spindle motor:7.5HP),13 1/2HP(Spindle motor:10HP)	8 1/2HP(Spindle motor:5HP),11HP(Spindle motor:7.5HP),13 1/2HP(Spindle motor:10HP)
Packing dimensions	Lx W x H	2500x2290x2220mm	3000x2290x2220mm	3000x2290x2220mm

General Features :

1.COLUMN:

Enlarged, honeycomb-ribbed column especially suitable for heavy duty grinding.

2.CONSTRUCTION:

Construction of table, saddle and base is casted with high grade iron, strongly ribbed.

3.SPINDLE:

Enlarged spindle set is supported by four preloaded precision angular contact Ball bearings for heavy duty.

4.SLIDEWAYS:

Vertical, cross (double vee) and longitudinal (one vee & one flat) slideways are coated with Turcite-B, provides stable movement and durable accuracy.

5.AUTOMATIC CONTINUOUS LUBRICATION SYSTEM:

All slideways and screws are fully oiled by automatic continuous lubrication system to eliminate wears on slideways & screws.

6.CROSS FEED:

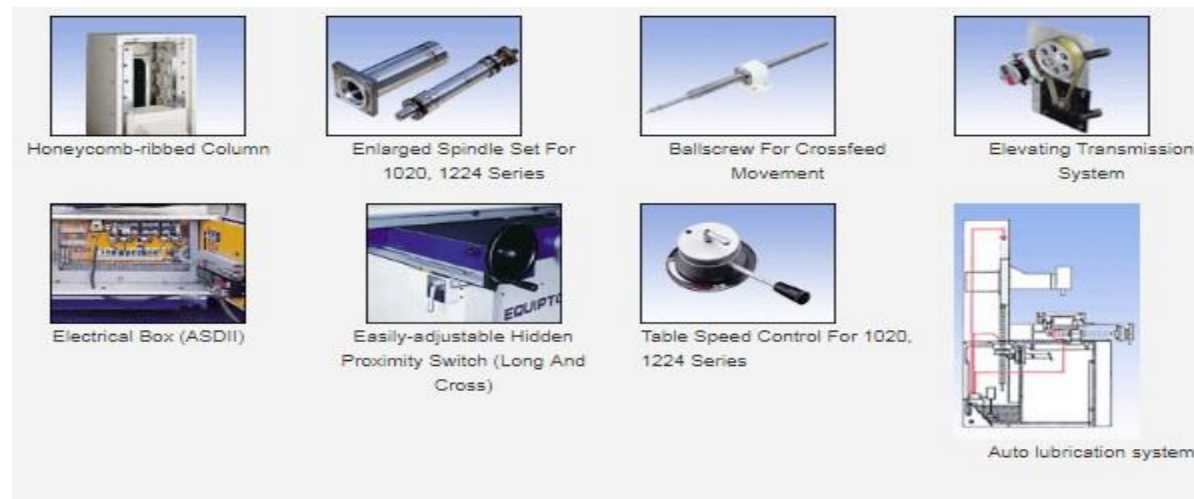
Ball screw for cross travel, powered by DC servo motor.

7.PROXIMITY SWITCH:

Provide built-in-type (hidden) proximity switch, features safe and easy operation.

8.Table speed control:

Presettable hydraulic table speed control allows operator to pre-set speed rate, enable to get same speed rate when engaging hydraulic table every time.



STANDARE ACCESSORIES :

1. Tool box with tools	7. Touch-up paint
2. Wheel extract screw & nut	8. Auto lubrication system
3. Balancing arbor	9. Diamond dresser
4. Levelling screw with blocks	10. Crossfed Ballscrew
5. Grinding Wheel	11.Sweeping Plate
6. Wheel flange	12.Splash Guard

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



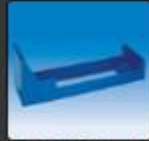
Screw Type Parallel Dressing Attachment



Concave Convex Forming Dresser



Work Licht(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 818/818 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



Full Guarded Splash Guard (10/12/16 Series)



Electro Parallel Dressing Attachment



Micro Crossfeed For 10/12/16 Series



Micro Down Feed For 10/12/16 Series