

# SPECIFICATION

Description		FSG-1224ADII	FSG-1632ADII	FSG-1640ADII
<b>Table Size</b>		11 3/4x23 5/8" (300x600mm)	15 3/4"x31 1/2" (400x800mm)	15 3/4"x39 3/8" (400x1000mm)
Max. grinding length	Longitudinal	24"(610mm)	32"(810mm)	40"(1015mm)
Max. grinding width	Crosswise	12"(305mm)	16"(405mm)	
Max. distance from table surface to spindle centerline			24 7/16"(620mm)	
Standard magnetic chuck size		11 3/4x23 5/8" (300x600mm)	15 3/4"x31 1/2" (400x800mm)	15 3/4"x39 3/8" (400x1000mm)
<b>Longitudinal movement of table</b>	Longitudinal travel, hydraulic	25 5/8"(650mm)	33 7/16"(850mm)	41 5/16"(1050mm)
	Maximum travel, manual	27 1/2"(700mm)	35 3/8"(900mm)	43 1/4"(1100mm)
	Longitudinal travel, hydraulic		16~82fpm(5~25m/min)	
<b>Cross movement of table</b>	Rapid travel, approx.	60Hz/12fpm(3.5m/min), 50H/10fpm(2.9m/min)		
	Automatic transverse increment		1/8"~1 1/4"(3~32mm)	
	Maximum automatic travel	12"(305mm)		16"(405mm)
	Maximum manual travel	13 3/4"(350mm)		18"(460mm)
	Handwheel per revolution		0.25"(6mm)	
	Handwheel per graduation		0.0025"(0.1mm)	
Micro Feed	per graduation		0.005"(0.1mm)	
	per graduation		0.00005"(0.001mm)	
<b>Wheelhead vertical infeed</b>	Automatic infeed		0.00005"~0.002"(0.001~0.04mm)	
	Rapid travel, approx.		25ipm(500 mm/min)	
<b>Grinding Spindle drive</b>	Speed		60Hz/1750rpm, 50Hz/1450rpm	
	Power rating		5HP/4P	
<b>Standard grinding wheel</b>	Diameter		14"(355mm)	
	Width		2"(50mm)	
	Bore		5"(127mm)	
<b>Hydraulic system</b>	Power rating	1HP/6P		2HP/6P
<b>Crossfeed drive</b>	Power rating		1/6"HP/4P	
<b>Elevating drive</b>	Power rating		AC servo 1kw	
<b>Floor Space</b>	Total space required	116"x59"x81 7/8" (2950x1490x2080mm)	139 3/8"x68"x81 7/8" (3340x1730x2080mm)	168 1/2"x86"x81 7/8" (4280x1730x2080mm)
<b>Weights</b>	Net weight approx.	4849 lbs(2200kgs)	6394 lbs(2900kgs)	7710 lbs(3500kgs)
	Gross weight approx.	5951 lbs(2700kgs)	7862 lbs(3550kgs)	9240 lbs(4200kgs)
<b>Rated power, approx.</b>		5.6kw(7.5HP)		6.3kw(8.5HP)
<b>Packing dimensions (LxWxH)</b>		107"x69.5"x88" (2720x1760x2235mm)	112"x79.5"x88" (2840x2020x2235mm)	126"x80.5"x88" (3200x2040x2235mm)

※ Note: The manufacturer reserves the right to modify the design, specifications, mechanisms... etc. of the machine without prior notice.  
All the specifications shown above are just for reference.