



Model	SG30G/F	SG30G/FG
Table working surface(WxL)	320x1000 mm	320x1000 mm
Max. size of workpiece to be ground(WxLxH)	320x1000x400mm	320x1000x600mm
Table longitudinal travel (hydraulic)	200-1100 mm	200-1100 mm
Table speed (stepless)	3-25 m/min	3-25 m/min
Table "T" slots and Width	3 and 18 mm	3 and 18 mm
Distance from grinding wheel spindle-axis to table surface	135-575mm	135-775mm
Max. travel of wheel-head	380mm	380mm
Cross (manual or hydraulic)	400mm	400mm
Vertical (manual or power-operated)		
Automatic cross-feed of wheel-head (stepless)		
Continuous	0.3-3m/min	0.3-3m/min
Intermittent	3-30mm/stroke of table	3-30mm/stroke of table
Wheel-head feed for each turn of hand-wheel		
Cross	2.6mm	2.6mm
Vertical	0.5mm	0.5mm
Min. down-feed hand-wheel dial graduated to	0.005mm	0.005mm
Grinding wheel size(O.DxWxI.D)	φ350×40×φ127mm	φ350×40×φ127mm
Wheel-head rapid up-down traverse speed	310mm/min	310mm/min
Hydraulic pump type and Delivery	YB1-100 and 96L/min	YB1-100 and 96L/min
Electrical equipment total capacity	10kVA	10kVA
Grinding wheel motor power and Speed	5.5kW and 1440r/min	5.5kW and 1440r/min
Hydraulic pump motor power and Speed	3kW and 960r/min	3kW and 960r/min
Wheel-head rapid elevation motor power and Speed	0.37kW and 1400r/min	0.37kW and 1400r/min
Coolant pump type and Delivery	DB-25A and 25L/min	DB-25A and 25L/min
Coolant pump motor power and Speed	0.125kW and 3000r/min	0.125kW and 3000r/min
Max. allowable weight of workpiece (Including electromagnetic chuck)	468kg	468kg
Electromagnetic chuck(WxL)	300x680mm	300x680mm
Overall dimensions(LxWxH)	2295x1500x2062mm	2295x1500x2262mm
Packing case dimensions(LxWxH)	261x167x242cm	261x167x262cm
N.W/G.W	3.5/4t	3.6/4.1t

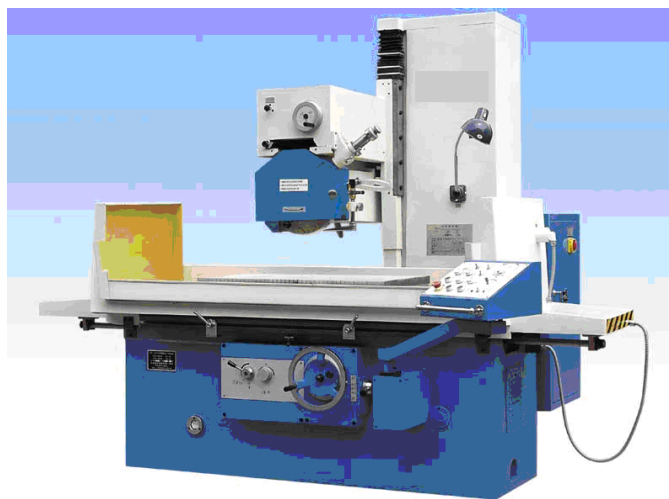


### SG32 Surface Grinding Machine With Horizontal Grinding Wheel Spindle and Reciprocating Table

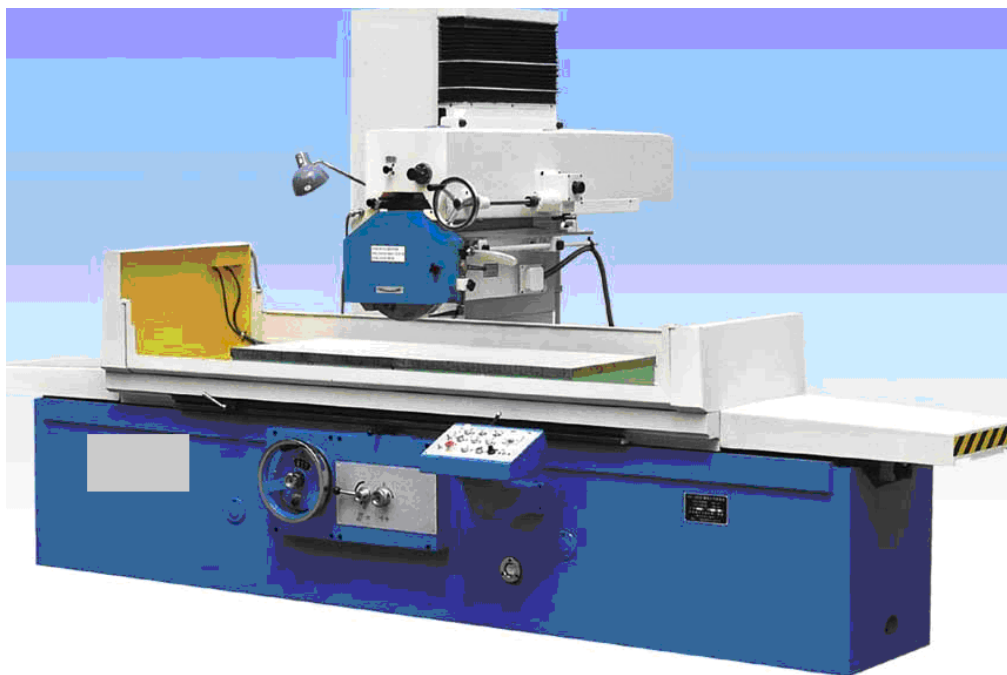
The grinding machine working table's lengthways moving and grind head's transverse moving is hydraulic transmission, the stepless velocity modulation;

- 1) The grind head perpendicular feed for the hand moves, and have the quick elevating mechanism, and it can lighten labour intensity, raises work efficiency;
- 2) Grinding head perpendicular feed slideway installs the boundary lubrication material of my factory originates straight line bearing, and feeding sensitivity is high;
- 3) The machine tool bed adopts the heat symmetry design, and the heat-distortion is become a little; Using the oil returning to heat the bed slideway, the slideway straightness change is below 0.005 mm;
- 4) The machine tool motion is smooth and steady , the function is reliable and the noise low , the precision stable and it is convenient to operate

<b>Model</b>	<b>SG32/F</b>
Table working surface(W×L)	320×1000mm
Max. size of workpiece to be ground(W×L×H)	320×1000×400mm
Table longitudinal travel (hydraulic)	200-1110mm
Table speed (stepless)	3-25m/min
Table "T" slots Width	3 and 18mm
Max. traverse of wheel-head Cross (manual or hydraulic)	350mm
Automatic cross-feed of wheel-head (stepless)	0.5-3m/min
Continuous	3-30mm/stroke of table
Intermittent	
Wheel-head feed for each turn of hand-wheel Vertical	0.5mm
Min. down-feed hand-wheel dial graduated to	0.01mm
Grinding wheel size(O.D×W×I.D)	φ350×40×φ127 mm
Electrical equipment total capacity	10kVA
Grinding wheel motor power	5.5kW
Speed	1440r/min
Working surface to base level parallelism	300:0.005 mm
Surface roughness	Ra0.63
Max. allowable weight of workpiece (Including electromagnetic chuck)	500kg
Electromagnetic chuck(W×L)	320×1000mm
Overall dimensions(L×W×H)	3000×2035×2052mm
Packing case dimensions(L×W×H)	286×175×236cm
N.W/G.W	4000/4500kg



Model	SG40	SG40/G	SG40×16
Table working surface(W×L) mm	400×1000		400×1600
Max. size of workpiece to be ground (W×L×H) mm	400×1000×400	400×1000×600	400×1600×400
Table longitudinal travel (hydraulic) mm	200-1100		200-1700
Table speed (stepless) m/min	3-25		
Table "T" slots and Width mm	3 /18		
Distance from grinding wheel spindle-axis to table surface mm	200-600	200-800	200-600
Max. travel of wheel-head	430	430	430
Cross(manual or hydraulic) mm	400	600	400
Vertical(manual or power-operated) mm			
Automatic cross-feed of wheel-head (stepless)	0.8-3.5		
Continuous m/min	3-30		
Intermittent mm/stroke of table			
Wheel-head feed for each turn of hand-wheel	3mm and 0.5mm		
Cross mm and Vertical mm			
Min. down-feed hand-wheel dial graduated to mm	0.005mm		
Grinding wheel size(O.D×W×I.D) mm	φ400×50×φ203mm		
Wheel-head rapid up-down traverse speed mm/min	310mm/min		
Hydraulic pump type and Delivery L/min	YB1-50 and 47 L/min		YB1-100 96 L/min
Electrical equipment total capacity kVA	12		14
Grinding wheel motor power kW and Speed r/min	7.5kw and 1440 r/min		
Hydraulic pump motor power kW and Speed r/min	2.2kw and 940rpm		4 kw and 960rpm
Wheel-head rapid elevation motor power kW and Speed r/min	0.37 kw and 1400 rpm		
Coolant pump type and Delivery L/min	DB-100 and 100L/min		
Coolant pump motor power kW and Speed r/min	0.25 and 3000		
Max. allowable weight of workpiece (Including electromagnetic chuck)&kg	624		1000
Electromagnetic chuck(W×L) mm	400×1000		400×1600
Overall dimensions(L×W×H)mm	3480×1736×2280	3480×1736×2490	4285×1950×2280
Packing case dimensions(L×W×H) cm	384×191×262	384×191×280	453×215×297
N.W/G.W kg	4500/5000	4700/5200	5600/6500

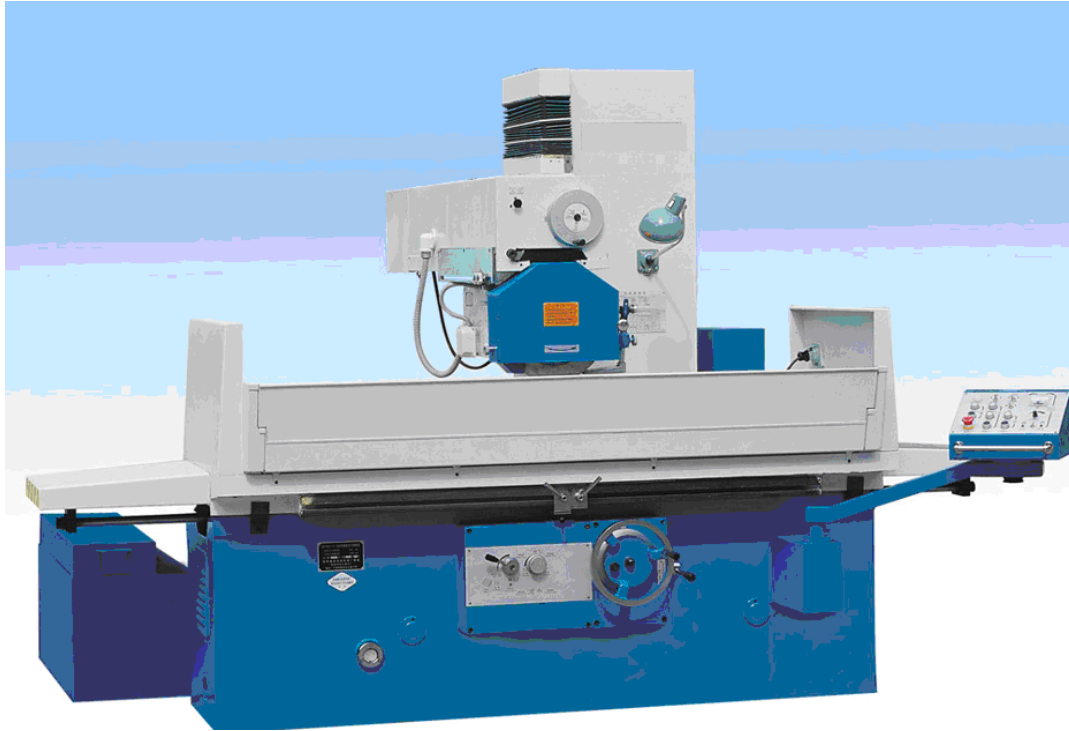


Main Specifications	SG60×16-GM	SG60×20-GM
Table working surface(W×L)	600×1600mm	600×2000mm
Max. size of workpiece to be ground(W×L×H)	600×1600×500mm	600×2000×500mm
Table longitudinal travel (hydraulic)	200-1700m	200-2100m
Speed of table (stepless)	3-25m/min	3-25m/min
Table "T" slots×Width	3×22mm	3×22mm
Distance from grinding wheel spindle-axis to table surface	150-700mm	150-700mm
Max. travel of wheel-head	600mm	600mm
Cross (manual or hydraulic)	500mm	500mm
Vertical (manual or power-operated)		
Automatic cross-feed of wheel-head (stepless)	0.8-4.5m/min	0.8-4.5m/min
Continuous	3-30mm/stroke of table	3-30mm/stroke of table
Intermittent		
Wheel-head feed for each turn of hand-wheel	2.6mm and 0.5mm	2.6mm and 0.5mm
Cross and Vertical		
Min. down-feed hand-wheel dial graduated to	0.01mm	0.01mm
Grinding wheel size(O.D×W×I.D)	φ400×50×φ203mm	φ400×50×φ203mm
Wheel-head rapid up-down traverse speed	310mm/min	310mm/min
Hydraulic pump type and Delivery	YB1-100 and 96L/min	YB1-80/80 and 150L/min
Electrical equipment total capacity	14kVA	18.5kVA
Grinding wheel motor power and Speed	7.5kW and 1440r/min	7.5kW and 1440r/min
Hydraulic pump motor power and Speed	3kW and 960r/min	7.5kW and 960r/min
Wheel-head rapid elevation motor power and Speed	0.37kW and 1400r/min	0.37kW and 1400r/min
Max. allowable weight of workpiece (Including electromagnetic chuck)	1000kg	1500kg
Electromagnetic chuck(W×L)	600×(800×2) mm	600×(1000×2) mm
Overall dimensions(L×W×H)	4500×2135×2410mm	4900×2135×2410mm
Packing case dimensions(L×W×H)	421×248×290cm	461×248×290cm
N.W/G.W	7.5/8t	8/8.5t



Surface Grinding Machine With Horizontal Grinding Wheel Spindle and Reciprocating Table

Model	SG60-GM	SG60/G-GM	SGQ60/G/GM
Table working surface(W×L)	600×1000mm	600×1000mm	320×1000mm
Max. size of workpiece to be ground(W×L×H)	600×1000×400mm	600×1000×600mm	600×1000×660mm
Table longitudinal travel (hydraulic)	200-1100m	200-1100m	200-1110mm
Speed of table (stepless)	3-25m/min	3-25m/min	3-25m/min
Table "T" slots and Width	3 and 22mm	3 and 22mm	3 and 18mm
Distance from grinding wheel spindle-axis to table surface	200-600mm	200-600mm	135-775mm
Max. travel of wheel-head	650mm	650mm	600mm 660mm
Cross (manual or hydraulic)	400mm	600mm	
Vertical (manual or power-operated)			
Automatic cross-feed of wheel-head (stepless)	0.5-3.5m/min	0.5-3.5m/min	0.8-4.5m/min
Continuous	3-30mm/stroke of table	3-30mm/stroke of table	3-30mm/stroke of table
Intermittent			
Min. down-feed hand-wheel dial graduated to	0.005mm	0.005mm	0.01mm
Grinding wheel size(O.D×W×I.D)	φ400×50×φ203mm	φ400×50×φ203mm	φ350×40×φ127mm
Wheel-head rapid up-down traverse speed	310mm/min	310mm/min	310mm/min
Hydraulic pump type and Delivery	YB1-100 and 96L/min	YB1-100 and 96L/min	YB1-100 and 94L/min
Electrical equipment total capacity	14kVA	14kVA	10kVA
Grinding wheel motor power and Speed	7.5kW and 1440r/min	7.5kW and 1440r/min	5.5kW and 1440r/min
Hydraulic pump motor power and Speed	4kW and 960r/min	4kW and 960r/min	3kW and 960r/min
Wheel-head rapid elevation motor power	0.37kW	0.37kW	0.37kW
Speed	1400r/min	1400r/min	1400r/min
Max. allowable weight of workpiece (Including electromagnetic chuck)	940kg	940kg	800kg
Electromagnetic chuck(W×L)	600×1000mm	600×1000mm	600×1000mm
Overall dimensions(L×W×H)	3480×2073×2280mm	3480×2073×2510mm	3000×1675×2252mm
Packing case dimensions(L×W×H)	384×230×262cm	384×230×288cm	261×187×254cm
N.W/G.W	5.6/6.2t	5.6/6.3t	4200/4700kg



This series machine tool is suitable in machine-manufacture trade to grind the plane of various metal part such as steel, cast iron and nonferrous metal etc. CHARACTERISTIC: The grinding machine working table's lengthways moving and grind head's transverse moving is hydraulic transmission, the stepless velocity modulation; The grind head perpendicular feed for the hand moves, and have the quick elevating mechanism, and it can lighten labour intensity, raises work efficiency; The working table slideway is paste the polytetrafluoroethylene soft belt, and the wear- resistant is good, and the energy consumption is low; The grinding head perpendicular feed slideway is paste the polytetrafluoroethylene soft belt, and feeding sensitivity is high; The machine tool bed adopts the heat symmetry design, and the heat-distortion is become a little; Using the oil returning to heat the bed slideway, the slideway straightness keeps unchangeable basically; The machine tool motion is smooth and steady , the function is reliable and the noise low.

<b>Model</b>	<b>SG63×12-GM</b>
Table working surface(W×L)	630×1250mm
Max. size of workpiece to be ground(W×L×H)	630×1250×400mm
Table longitudinal travel(hydraulic)	200-1350m
Speed of table(stepless )	3-25m/min
Table "T"slots and width	3 and 22mm
Max.travel of wheel-head cross (manual or hydraulic)	680mm and 400mm
Automatic cross-feed of wheel-head(stepless) continuous intermittent	0.5-3.5m/min 3-30mm/stroke of table
Min.down-feed hand-wheel dial graduated to	0.005mm
Grinding wheel size (O.D×W×I.D)	φ400×50×φ203mm
Electrical equipment total capacity	14kVA
Grinding wheel motor power and speed	7.5kW and 1440r/min
Max.allowable weight of workpiece (including electromagnetic chuck)	940kg
Size of electromagnetic chuck (W×L)	630×1250mm
Overall dimensions (L×W×H)	3540×2073×2280mm
Packing case dimensions (L×W×H)	383×233×262cm
N.W/G.W	6.0/6.5t