



## Catalogo JPG TOOLS Maquinaria Industrial

### CNC Hydraulic Surfacing Grinding Machine

"Siemens SINUMERIK 808D Controller" CNC Hydraulic Surfacing Grinding Machine/CNC Surface Grinder

*Product Description*

*Standard Accessories:*

**Coolant tank, Electronic magnetic chuck, Balancing arbor, Wheel flange, Wheel extractor, Leveling wedge and bolt**

**Tools box and tools, Standard grinding wheel, Wheel dresser stand, Diamond pen, Build in electro magnetic chuck controller, Operation manual(English edition).**

*Optional Accessories:*

**Wheel balancing stand, Parallel dresser, Cooling system with magnetic separator, Cooling system with magnetic separator & paper filter.**

*Parameter:*

Specification	Unit	SG-3063CNC2	SG-30100CNC2	SG-4080CNC2	SG-40100CNC2
		SG-3063CNC3	SG-30100CNC3	SG-4080CNC3	SG-40100CNC3
Table size(W×L)	mm	305×635	305×1020	406×813	406×1020
Max.longitudinal travel	mm	765	1130	910	1130
Max. cross travel	mm	340		450	
Max.distance from spindle center to table surface	mm	580			
Electro magnetic chuck size	mm	300×600	300×1000	400×800	400×1000
Speed	m/min	5-25(CNC2);0.02-15(CNC3)			

Table longitudinal movement	Feed of electro hand wheel	mm/div	0.05(CNC3)			
Table transverse movement	Auto feed	mm/stroke	0.1-8			
	Rapid speed	mm/min	0.05-1			
	Feed of handwheel	mm/div	0.005			
Wheelhead vertical movement	Auto feed	mm/stroke	0.005-0.05			
	Rapid speed	mm/min	0.05-1			
	Feed of handwheel	mm/div	0.005			
Grinding wheel	Speed	rpm	1450(50HZ),1750(60HZ)			
	Size(O.DxWxI.D)	mm	350x40x127			
Spindle motor		kw	5.5			
Hydraulic motor		kw	2.2(CNC2)			
Cooling pump motor		kw	0.125			
Parallelism of working surfacing to mounting base		mm	300:0.005			
Roughness of working surface		μm	Ra≤0.63			
Max. loading capacity of table (including magnetic chuck)		kg	270	400	500	600
Height of machine		mm	1890			
Floor space(LxW)		mm	3800x2200	4400x2200	3600x2400	4400x2400
Gross weight		kg	1600	1800	3800	4300

*Tips:*

*\*CNC2:2-axes (Y,Z)are CNC controlled;*

*\*CNC3:3-axes (X,Y and Z) are CNC controlled.*