



SG50100AHD PLC

Feature:

Headstock runs in preloaded angular ball bearings and features a high load capacity

X and Y axis guide ways are counter-laminated(plastic)

Separate hydraulic unit with oil cooler

X axis with high-dynamic, hydraulic drive

Combination of box ways and V-guides on X and Y, plus rectangular guide way on Z

Premium components ensure maximum accuracy for continuous operation

Standard Equipment:

Wheel flange

Balancing arbor

Wheel exactor

Coolant tank

Working lamp

Tool box and tools

Wheel dresser

Stand not include diamond pen

Standard grinding wheel

Foundation bolt

Leveling wedge and bolt

Built in electro magnetic chuck controller

PLC auto grinding controller only for AHD/SD models

Optional Accessories :

Wheel stand

Standard magnetic chuck

Coolant tank with magnetic separator

Coolant tank with paper filter

Model	Unit	SG50100AHR	SG50160AHR	SG60120AHR	SG60160AHR	SG60220AHR
		SG50100AHD	SG50160AHD	SG60120AHD	SG60160AHD	SG60220AHD
Tble size	mm	500x1000	500x1600	610x1200	610x1600	610x2200
Max grind(W x L)	mm	500x1000	500x1600	610x1200	610x1600	610x2200
Max distance from table to spindle center	mm	600				
Magnetic chuck size(optional equipment)	mm	500x1000x1	500x800x2	600x1000x1	600x800x2	600x1000x2
Speed of table longitudinal movement	m/min	5-25				
Wheel head cross movement	Auto feed	Mm/t	0.5-20			
	Rapid speed	Mm/min	1.25			
	Feed of hand wheel	Mm/div Mm/gra	0.02			
Wheel head vertical movement	Auto feed	Mm/t	0.005、0.01、0.015、0.02、0.03、0.04 (Only for AHD model)			
	Rapid feed	mm/min	230			
	Feed of	Mm/div Mm/gra	0.002			

	hand wheel						
960(14050)Wheel	Speed	Rpm	1450(50Hz)、1740 (60Hz)				
	Size	Mm	355x(20-50)x124				
Motor of s500pindle		Kw	7.5				
Max loading capacity of table		Kg	700	880	970	1230	1690
Total rated power		Kw	12		14		
Height of machine		Mm	2390(include the packing base)				
Floor space		Mm	4700x2550	7120x2550	4740x2750	5340x2750	6740x2750
Gross weight		kg	5500	6000	6500	7000	8000