

Full auto (PLC) hydraulic surface grinder

Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!



Features:

Auto feed & manual on transverse, auto hydraulic transmission & manual feed, on longitudinal step-feed and auto down feed control on vertical.

Vertical movement adopts PLC to realise the auto grinding.

Standard appendix:

- (1) Electro magnetic chuck (2) coolant tank
- (3) demagnetic equipment (4) wheel extractor
- (5) leveling wedge & foundation bolt
- (6) balance arbor (7) wheel dresser base
- (8) wheel flange and wheel (9) tool box and tools
- (10) PLC auto grinding controller

optional accessories:

- (1) balancing stand
- (2) coolant tank with dust collector
- (3) manual parallel wheel dresser
- (4) universal dresser
- (5) radius & angle dresser
- (6) sine dresser
- (7) Z-axis DRO

	Item/model	unit	SG2050AHD	SGA2550AHD	SGA3063AHD	SGA30100AHD	SGA4080AHD	SGA40100AHD
	Table size (w*I)	mm	200*460	250*500	305*635	305*1020	406*813	406*1020
	Max.longitudinal &cross travel	mm	510*238	560*275	765*340	1130*340	910*450	1130*450
	Max.distance from spindle center to table	mm	450	450	580	580	580	580
	Electro magnetic chuck size	mm	200*460	250*500	300*600	300*1000	400*800	400*1000
Table transverse movement	Speed of table longitudinal movement	m/min	7-25					
	Auto feed	mm/min	0.1-8					
	Rapid speed	m/min	990					
Wheelhead vertical movement	Feed of handwheel	mm/div	0.02					
	Wheelhead vertical Auto feed	mm/min	0.005/0.01/0.02/0.03/0.04/0.05					
	Rapid speed	m/min	460					
	Feed of handwheel	mm/div	0.005					
	Speed	rpm	2850(50HZ)、3450 (60HZ)			1450(50HZ)、1750 (60HZ)		
Grinding wheel	Size (OD*W*ID)	mm	200*20*31.75		350*40*127			
	Spindle motor	kw	1.5	2.2	5.5			
	Hydraulic motor	kw	0.75		2.2			
	Colling pump motor	kw	0.04		0.125			
	Elevating motor	kw			0.5 (servo motor)			
	Cross feed motor	kw	0.04					
	Max.loading capacity of table (include chuck)	kg	120	180	270	400	500	600
	Total rated power	kw	3	3.7	9			
	Height of machine	mm	1675		1890			
	Floor space (L*W)	mm	2050*1400	2300*1600	2800*2200	4400*2200	3600*2400	4400*2400
	Gross weight	kg	1600	1800	2900	3300	3500	4000
	Package dimensions (L*W*H)	mm	1906*1716*2195	2000*2100*2175	2350*2220*2150	2950*2220*2210	2850*2270*2180	2950*2270*2210