



林寶機械貿易私人有限公司  
**LIM POH MACHINERY TRADING PTE LTD**  
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## SPECIFICATIONS:

Unit: mm

MODEL		SGS-816 H	SGS-1020 H/AH/AHD	SGS-N1224 H/AH/AHD	SGS-1224 AH/AHR/AHD	SGS-1230 AH/AHR/AHD	SGS-1632 AHR/AHD
Working surface of table (W. x L.)		160 x 410 (6¼" x 16")	230 x 500 (9" x 20")	260 x 600 (10¼" x 24")		260 x 750 (10¼" x 30")	400 x 800 (16" x 32")
Max. grinding surface (W. x L.)		200 x 410 (8" x 16")	250 x 500 (10" x 20")	300 x 600 (12" x 24")		300 x 750 (12" x 30")	400 x 800 (16" x 32")
Max. horizontal travel of table		430 (17")	520 (20½")	620 (24½")		720 (30¼")	850 (33¼")
Max. cross travel of table		200 (8")	270 (10¼")	320 (12½")	340 (13½")		460 (18¼")
Distance between table surface and spindle center		460 (18")	500 (20")		595 (23½")		620 (24½")
Variable table speed		5 ~ 25M/min 16 ~ 80fpm					
Auto. crossfeed		0 ~ 15 (0 ~ ½")					
Downfeed handwheel	Per graduation	0.01 (0.001")					0.01 (0.0005")
	Per revolution	2 (0.1")					1 (0.05")
Crossfeed handwheel	Per graduation	0.02 (0.0005")					
	Per revolution	4 (0.2")					
Auto. downfeed micro adjustment	Per graduation	0.002 (0.0001")					
	Per revolution	0.2 (0.01")					
Longitudinal travel adjustable from-to		50 ~ 410 (2 ~ 16")	50 ~ 500 (2 ~ 20")	50 ~ 600 (2 ~ 24")		50 ~ 750 (2 ~ 30")	50 ~ 800 (2 ~ 32")
Crossfeed travel adjustable from-to		0 ~ 210 (0 ~ 8¼")	0 ~ 255 (0 ~ 10")	0 ~ 310 (0 ~ 12¼")			0 ~ 410 (0 ~ 16¼")
Spindle motor		2HP x 2P			5HP x 4P		7½HP x 4P
Hydraulic pump motor		1HP x 6P	H/AH 1HP x 6P AHD 2HP x 6P		2HP x 6P		3HP x 6P
Auto. crossfeed motor		½HP x 6P					
Auto. downfeed motor		AHD ½HP x 4P			AHR ½HP x 6P		AHD ½HP x 4P
Grinding wheel (O.D. x T. x I.D.)		203 x 12.7 x 31.75 (8" x ½" x 1¼")			355 x 31.75 x 127 (14" x 1¼" x 5")		355 x 50.8 x 127 (14" x 2" x 5")
Rotation speed of spindle		3500 RPM/60HZ 2900 RPM/50HZ			1750 RPM/60HZ 1450 RPM/50HZ		
Coolant pump		½HP					
Max. load (Excl. chuck weight)		200kgs (440lbs)	250kgs (550lbs)	300kgs (660lbs)			700kgs (1540lbs)
Machine weight	Net	650kgs (1403lbs)	1300kgs (2660lbs)	1700kgs (3740lbs)	1900kgs (4180lbs)	2000kgs (4400lbs)	2800kgs (6160lbs)
	Gross	730kgs (1600lbs)	1550kgs (3410lbs)	1900kgs (4180lbs)	2200kgs (4840lbs)	2300kgs (5060lbs)	3300kgs (7260lbs)
Packing dimension		1420 x 1280 x 1880 (56" x 50½" x 74")	2070 x 1700 x 2108 (81½" x 67" x 83")	2120 x 1800 x 2180 (83½" x 70¼" x 83")	2120 x 1690 x 2260 (83½" x 66½" x 89")	2420 x 1690 x 2260 (90¼" x 66½" x 89")	2705 x 2222 x 2286 (106½" x 87½" x 89")

H : Hydraulic longitudinal feed. AHR: Auto. longitudinal, cross feed and rapid down feed.  
 AH: Hydraulic longitudinal feed and auto. cross feed. AHD: Auto. longitudinal, cross and down feed.

We follow a policy of continuous improvement of all our products, reserving the right to change specifications, mechanics, or designs at any time without notice or obligation.