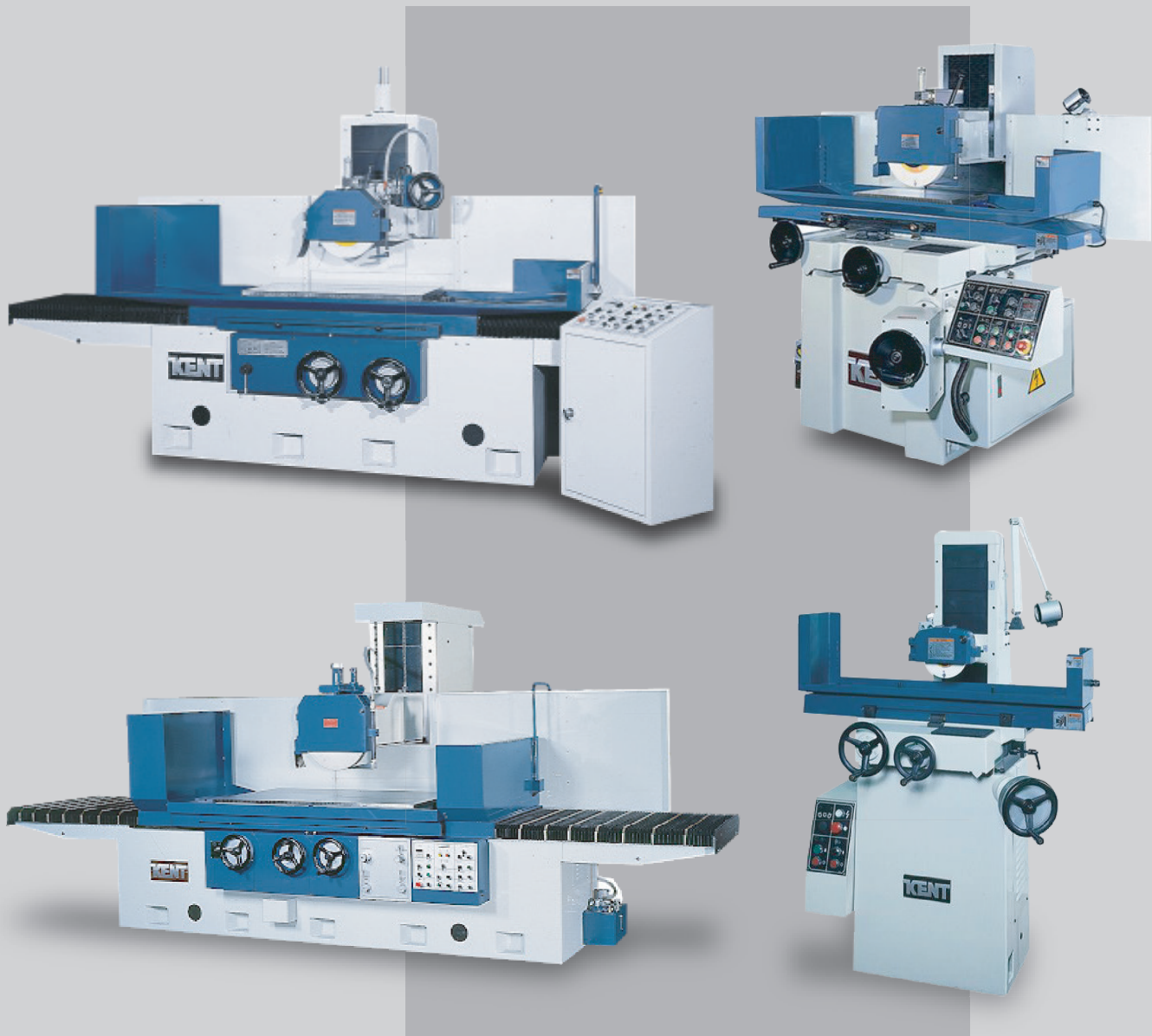




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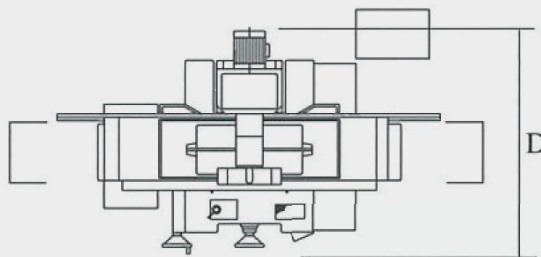
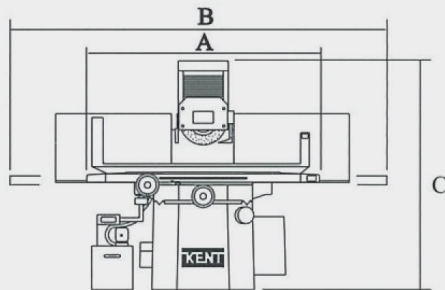
PRECISION SURFACE GRINDER



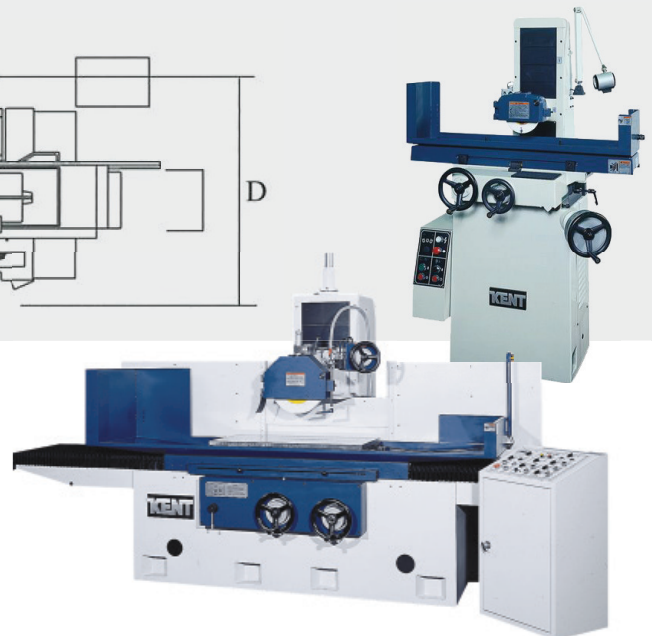
Machine Specifications

SPECIFICATION			KGS-616S	KGS-250AH/AHD	KGS-1020AH/AHD	KGS-63AH/AHD	KGS-84AH/AHD
CAPACITY	Overall Table Working Area	mm	410 x 160	460 x 200	500 x 250	600 x 300	800 x 400
	Longitudinal Table Travel	mm	430	540	560	710	910
	Cross Feed Table Travel	mm	200	260	275	340	450
	Distance Spindle Center to Table	mm	140	475	490	600	600
	Table Load Including Magnetic Chuck	kgs	100	100	250	420	700
TABLE & CROSS FEED	T-Slot	mm*N	14 x 1	14 x 1	14 x 1	14 x 1	14 x 1
	Longitudinal Table Speed	m/min	-	5 ~ 25	5 ~ 25	5 ~ 25	5 ~ 25
	Cross Feed on Hand Wheel	1 gra. mm	0.02	0.02	0.02	0.02	0.02
		1 rev. mm	4	4	4	4	4
	Auto Cross Feed per Stroke	mm	-	0.25 ~ 12	0.25 ~ 12	0.25 ~ 20	0.25 ~ 20
	Power Cross Feed	50Hz mm/min	-	820	820	1000	1000
		60Hz mm/min	-	980	980	1200	1200
GRINDING WHEEL	Wheel Dimension	mm	180 x 13 x 31.75	180 x 13 x 31.75	180 x 13 x 31.75	355 x 38 x 127	355 x 38 x 127
	Spindle Speed	50Hz rpm	2850	2850	2850	1450	1450
		60Hz rpm	3480	3480	3480	1740	1740
VERTICAL MOVEMENT	Vertical on Handwheel	1 gra. mm	0.005	0.01	0.01	0.01/ 0.001	0.01/ 0.001
		1 rev. mm	2	2	2	2/ 0.05	2/ 0.05
	Auto Down Feed Elevation	mm	-	0.002 ~ 0.02 (AHD)	0.002 ~ 0.02 (AHD)	0.005 ~ 0.025 (AHD)	0.005 ~ 0.025 (AHD)
	Power Head Increment	50Hz mm/min	-	-	-	133 (AHD)	133 (AHD)
		60Hz mm/min	-	-	-	160 (AHD)	160 (AHD)
MOTOR	Spindle Motor	KW*P	1.5 x 2	1.5 x 2	2.2 x 2	3.7 x 4	5.6 x 4
	Power Elevation Motor	KW*P	-	-	-	0.08 x 6	0.08 x 6
	Hydraulic Motor	KW*P	-	0.75 x 4	0.75 x 4	1.5 x 6	2.2 x 6
	Dust Collection Motor	W*P	375 x 2	375 x 2	375 x 2	375 x 2	375 x 2
	Coolant Motor	W*P	95 x 2	95 x 2	95 x 2	190 x 2	190 x 2
	Cross Feed Motor	W*P	-	40 x 6	40 x 6	40 x 6	80 x 6
DIMENSION & WEIGHT	Machine Height	mm	1645	1775	1775	1830	1875
	Floor Space	mm	1610 x 1120	1800 x 1400	2100 x 1800	2600 x 2500	3600 x 2600
	Net Weight	kgs	630	1300	1430	1750	2800
	Gross Weight	kgs	780	1550	1680	2200	3000

Principal Dimensions



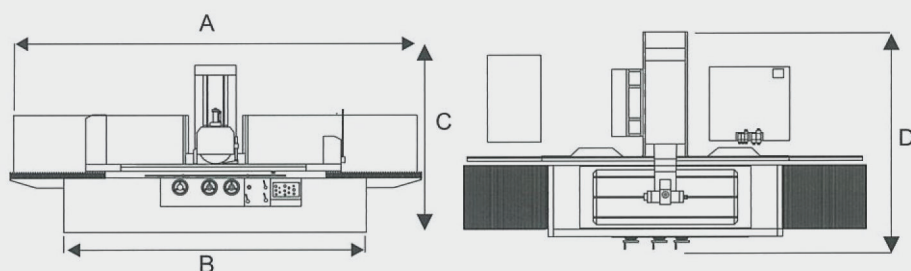
Model	A	B	C	D
KGS-616	1160	1590	1645	1270
KGS-250	1520	2020	1775	1400
KGS-1020	1540	2170	1775	1540
KGS-63	1920	2640	1830	1860
KGS-84	2560	3480	1875	2250



Machine Specifications

SPECIFICATION			KGS-510AH/AHD	KGS-615AHD	KGS-620AHD	KGS-715AHD	KGS-820/825/830AHD			KGS-920/925/930AHD		
CAPACITY	Overall Table Working Area	mm	1000 x 500	1500 x 600	2000 x 600	1500 x 700	2000x800	2500x800	3000x800	2000x900	2500x900	3000x900
	Longitudinal Table Travel	mm	1140	1600	2230	1600	2250	2750	3250	2250	2750	3250
	Cross Feed Table Travel	mm	540	660	660	760	885			960		
	Distance Spindle Center to Table	mm	575	600	600	600	880			880		
	Table Load Including Magnetic Chuck	kgs	1000	1300	1500	1400	2300	2800	3000	2300	2800	3000
TABLE & CROSS FEED	T-Slot	mm*N	16 x 3	16 x 3	16 x 3	16 x 3	18 x 3			18 x 3		
	Longitudinal Table Speed	m/min	7 ~ 25	7 ~ 25	7 ~ 25	7 ~ 25	10 ~ 28			10 ~ 28		
	Cross Feed on Hand Wheel	1 gra. mm	0.02	0.02	0.02	0.02	0.01			0.01		
		1 rev. mm	5	5	5	5	2			2		
	Auto Cross Feed per Stroke	mm	0.25 ~ 20	0.25 ~ 20	0.25 ~ 20	0.25 ~ 20	2 ~ 30			2 ~ 30		
	Power Cross Feed	50Hz mm/min	1250	1250	1250	1250	1500			1500		
60Hz mm/min		1500	1500	1500	1500							
GRINDING WHEEL	Wheel Dimension	mm	355 x 38 x 127	355 x 38 x 127	355 x 50 x 127	355 x 38 x 127	508 x 50 x 127			508 x 50 x 127		
	Spindle Speed	50Hz rpm	1450	1450	1450	1450	950			950		
		60Hz rpm	1740	1740	1740	1740	1150			1150		
VERTICAL MOVEMENT	Vertical on Handwheel	1 gra. mm	0.002	0.002	0.002	0.002	0.002			0.002		
		1 rev. mm	0.5	0.5	0.5	0.5	0.5			0.5		
	Auto Down Feed Elevation	mm	0.005 ~ 0.04 (AHD)	0.005 ~ 0.04 (AHD)	0.005 ~ 0.04 (AHD)	0.005 ~ 0.04 (AHD)	0.005 ~ 0.04 (AHD)			0.005 ~ 0.04 (AHD)		
	Power Head Increment	50Hz mm/min	230	230	230	230	230			230		
		60Hz mm/min	280	280	280	280	280			280		
MOTOR	Spindle Motor	KW*P	5.6 x 4	7.5 x 4	7.5 x 4	7.5 x 4	11.2 x 6			11.2 x 6		
	Power Elevation Motor	KW*P	0.19 x 4	0.375 x 4	0.375 x 4	0.375 x 4	0.375 x 4			0.375 x 4		
	Hydraulic Motor	KW*P	2.2 x 6	3.7 x 6	3.7 x 6	3.7 x 6	7.5 x 6	11 x 6		7.5 x 6	11 x 6	
	Dust Collection Motor	W*P	375 x 2	375 x 2	375 x 2	375 x 2	375 x 2			375 x 2		
	Coolant Motor	W*P	190 x 2	190 x 2	190 x 2	190 x 2	190 x 2			190 x 2		
	Cross Feed Motor	W*P	190 x 6	190 x 6	190 x 6	190 x 6	Hydraulic			Hydraulic		
DIMENSION & WEIGHT	Machine Height	mm	2400	2445	2470	2470	2850			2850		
	Floor Space	mm	4445 x 2100	5810 x 2645	6200 x 2700	5810 x 2800	6000x3360	7300x3360	8700x3360	6000x3400	7300x3400	8700x3400
	Net Weight	kgs	5000	6250	8500	7000	12000	13500	14000	12000	14000	16000
	Gross Weight	kgs	5800	7250	9700	8000	14000	15500	16000	14000	16000	18000

Principal Dimensions



Model	A	B	C	D
KGS-510	4445	2100	2400	2100
KGS-615	5810	3050	2445	2645
KGS-620	6200	4400	2470	2700
KGS-715	5810	3800	2470	2800
KGS-820/825/830	6000/7300/8700	4400	2850	3360
KGS-920/925/930	6000/7300/8700	5800	2850	3400

Standard Specifications

- Grinding Wheel / 1 pc
- Wheel balancing Stand / 1 pc
- Wheel balancing Arbor / 1 pc
- Wheel Flange & Extractor / 1 Set
- Levelling Pad & Bolt / 1 Set
- Wheel balancing Arbor / 1 pc
- Wheel Dressing Diamond Tip & Holder / 1 Set



Optional Specification



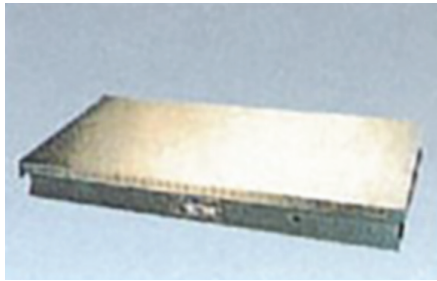
FLANGE



GRINDING WHEEL



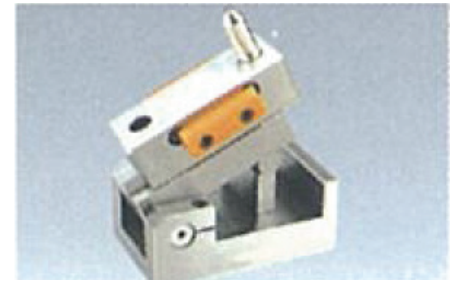
QUARTZ HALOGEN LIGHT



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RADIUS FORMING



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