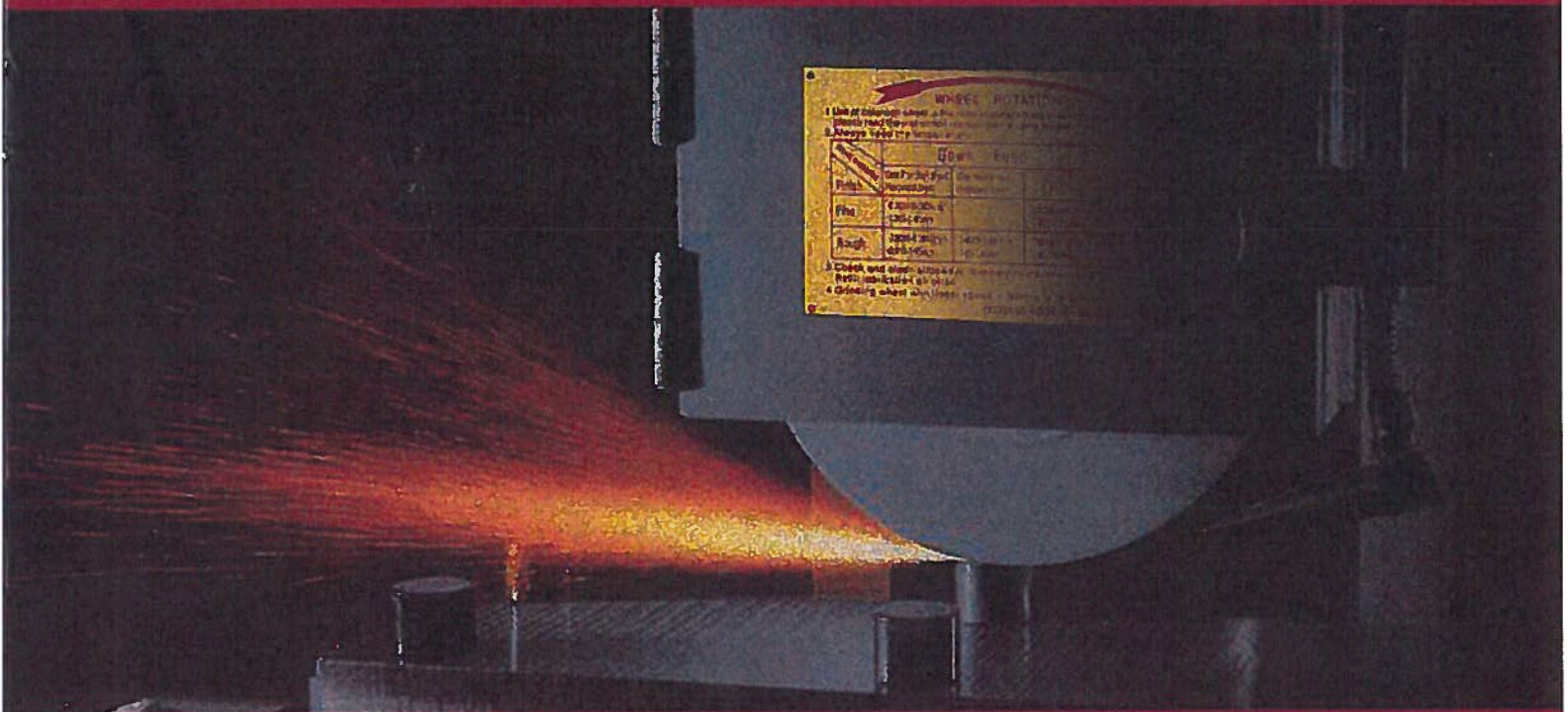


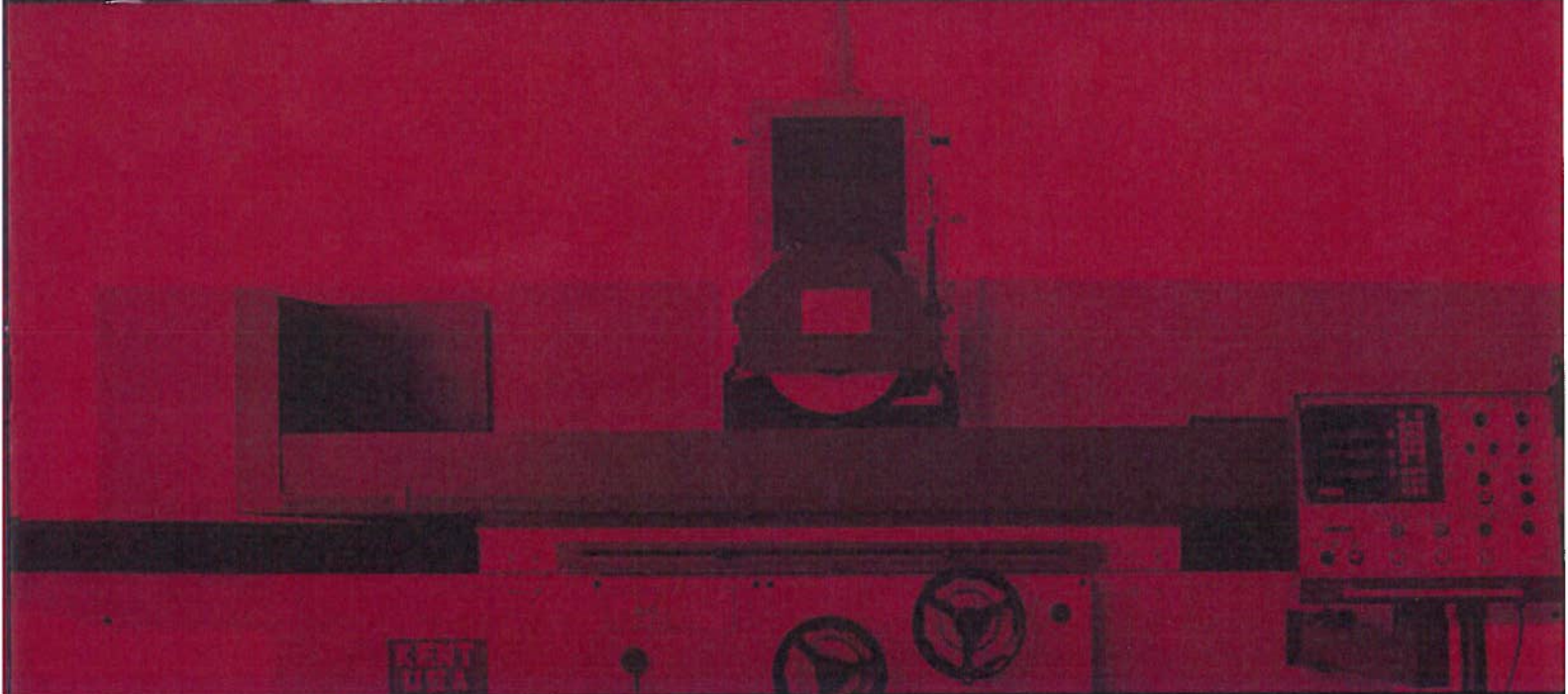


WHEEL ROTATION

1. Use of column wheel is for only one direction of travel.
2. Always read the wheel rotation direction before using the wheel.
3. Always read the wheel rotation direction before using the wheel.

	Down	Up
Feed	0.0010 in./rev 0.00125 in./rev 0.0015 in./rev	0.0010 in./rev 0.00125 in./rev 0.0015 in./rev
Rate	0.0010 in./rev 0.00125 in./rev 0.0015 in./rev	0.0010 in./rev 0.00125 in./rev 0.0015 in./rev

4. Check and clear wheel rotation direction before using the wheel.
5. Check and clear wheel rotation direction before using the wheel.
6. Check and clear wheel rotation direction before using the wheel.



KENT INDUSTRIAL USA, INC. | WWW.KENTUSA.COM | 1 (800) 536-8872

Established in 1979, Kent Industrial [USA] Inc. has a long history in the machine tools industry. From our surface grinders roots to the latest range of CNC equipments in grinding, milling, turning, and wire-cut EDM, we continue to offer quality machinery at competitive prices with superior service and support to our customers.

We stock a full range of surface grinders, milling machines, CNC knee mills, compact machining centers, lathes, CNC lathes, EDM and CNC wire-cut EDM machines for immediate delivery. Our parts department is not only well stocked with parts, but also has knowledgeable technicians so you can get the right parts for your machine the first time and every time.

We ship the same day on most orders placed before 4pm (PST). That translates to the minimum amount of down time for our customers. If it's important to you, it's important to us.





Our goal is to help our customers get their job done precisely, productively, and profitably. By partnering with the best people and companies in the industry and by working together with a common vision, our success comes when our customers are successful.

Who's Who of Our Customer List:

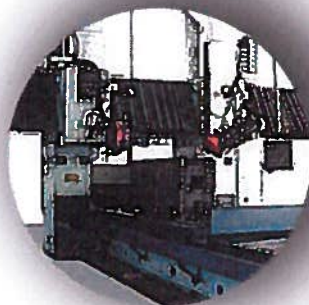
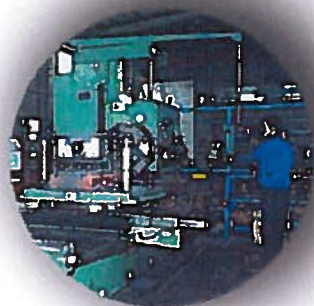
Here at Kent USA, we take pride in knowing that our machines are making parts and profits for our customers in small and large shops throughout. For this reason, we would like to give our thanks to the following businesses:

Allied Signal, Avery Denison, Emerson Electric, Harley Davidson, The Hon Company, Case Industries, John Deere, Nissan, Chrysler Jeep, GM, IBM, Sony, Boeing, Northrop, GE, United Technologies, Coors Ceramic, Morton International, Timken Bearing, INA Bearing, Florida Power and Light, Utah Power and Light, Los Angeles DWP, NASA, UCLA, UCI, etc.



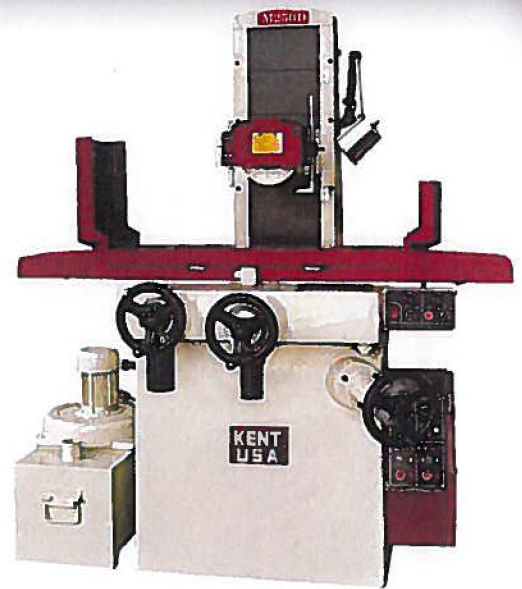
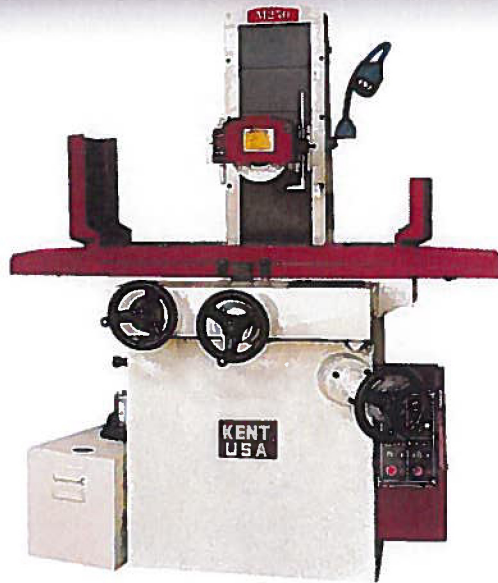
OUR SALES NETWORK

**KENT
USA**



KGS-618 / 250 / 250D SERIES

**KENT
USA**



KGS - 618

KGS - 250

KGS - 250D

		Unit	KGS618	KGS250	KGS250D
Working Surface of Table		mm	150X450	460X200	460X200
Max. Table Travel		mm	483	540	540
Max. Cross Travel		mm	178	280	280
Distance Between Table Surface and Spindle Center		mm	361	470	470
Max. Table Load		kgs	100	100	100
Tee Slot (NumberXWidth)		mm	1X14	1X14	1X14
Table Speed		m/min	Manual	Manual	0~25
Crossfeed Handwheel	1 grad	mm	0.01	0.02	0.02
	1 rev		2.5	4	4
Automatic Crossfeed of Saddle		mm	-	-	Variable speed
Power Cross Feed	50Hz	mm	-	-	-
	60Hz		-	-	-
Grinding Wheel		mm	180X13X32/31.75	205X20X32/31.75	205X20X32/31.75
Spindle Speed	50Hz	rpm	2850	2850	2850
	60Hz		3420	3420	3420
Vertical Handwheel	1 grad	mm	0.005	0.01	0.01
	1 rev		1.25	2	2
Automatic Down Feed Rate		mm	-	-	-
Power Head Increment		mm	-	-	-
Spindle Motor		k w	1.1	1.5	1.5
Vertical Motor		k w	-	-	-
Hydraulic Motor		k w	-	-	-
Dust Collection Motor		w	550	550	550
Coolant Motor		w	40	90	90
Crossfeed Motor		k w	-	-	150
Floor Space		mm	1900X1300	1800X1400	1800X1400
Packing Dimensions		mm	1180X1000X1980	1190X1340X1950	1190X1340X1950
Net Weight		kgs	560	1300	1320
Gross Weight		kgs	710	1500	1520

KGS-150 / 200 / 250 / 1020 SERIES

**KENT
USA**



KGS - 150



KGS - 200

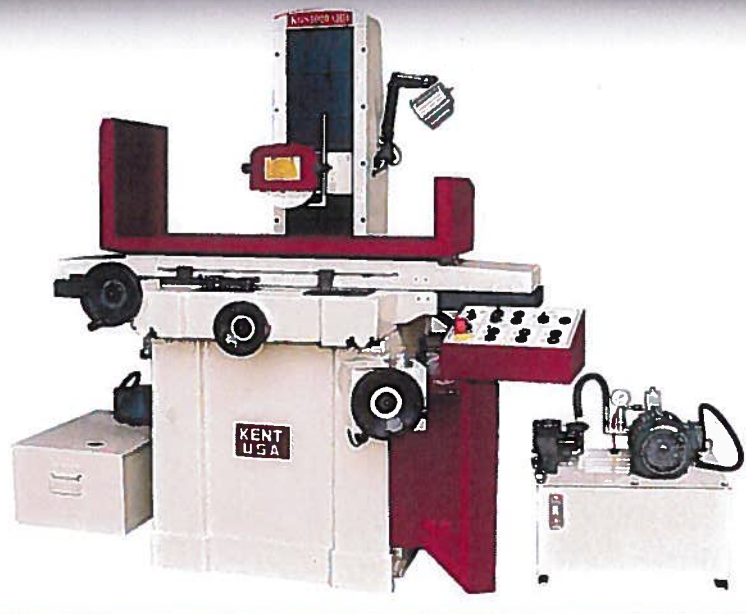
		Unit	KGS150	KGS200	KGS250	KGS1020
Working Surface of Table		mm	150X450(5.9"X17.7")	160X460(6"X18")	200X460(8"X18")	255X510(10"X20")
Max. Table Travel		mm	483	495	510	620
Max. Cross Travel		mm	178	220	250	280
Distance Between Table Surface and Spindle Center		mm	361	530	530	535
Max. Table Load		kgs	100	120	120	120
Tee Slot (NumberXWidth)		mm	1X14	1X14	1X14	1X14
Table Speed		m/min	Manual	Manual	Manual	Manual
Crossfeed Handwheel	1grad	mm	0.01	0.02	0.02	0.02
	1rev		2.5	5	5	5
Automatic Crossfeed of Saddle		mm	-	-	-	-
Power Cross Feed	50Hz	mm	-	-	-	-
	60Hz		-	-	-	-
Grinding Wheel		mm	180x13x32/31.75	200X25X32/31.75	200X25X32/31.75	200X25X32/31.75
Spindle Speed	50Hz	rpm	2850	2850	2850	2850
	60Hz		3420	3420	3420	3420
Vertical Handwheel	1grad	mm	0.005	0.01	0.01	0.01
	1rev		1.25	2	2	2
Automatic Down Feed Rate		mm	-	-	-	-
Power Head Increment		mm	-	-	-	-
Spindle Motor		k w	1.1	1.5	1.5	2.2
Vertical Motor		k w	-	-	-	-
Hydraulic Motor		k w	-	-	-	-
Dust Collection Motor		w	550	550	550	550
Coolant Motor		w	90	90	90	90
Crossfeed Motor		k w	-	-	-	-
Floor Space		mm	1900X1300	1900X1900	1900X1900	1900X2300
Packing Dimensions		mm	1170X1000X1950	1470X1170X2170	1470X1170X2170	1650X1670X2140
Net Weight		kgs	560	1100	1200	1480
Gross Weight		kgs	710	1300	1400	1730

KGS - 818 / 1020 / 1024 SERIES

**KENT
USA**



KGS - 818AH



KGS - 1020AHD

		Unit	KGS818AH/AHD	KGS1020AH/AHD	KGS1024AH/AHD
Working Surface of Table	mm		200X460(8"X18")	255X510(10"X20")	255X610(10"X24")
Max.Table Travel	mm		510	575	675
Max.Cross Travel	mm		250	280	280
Distance Between Table Surface and Spindle Center	mm		530	535	675
Max.Table Load	kgs		150	300	300
Tee Slot (NumberXWidth)	mm		1X14	1X14	1X14
Table Speed	m/min		0~25	5~25	5~25
Crossfeed Handwheel	1 grad	mm	0.02	0.02	0.02
	1 rev		5	5	5
Automatic Crossfeed of Saddle	mm		-/0.5~12/0.5~12	0.5~12	0.5~12
Power Cross Feed	50Hz	mm	780	790	790
	60Hz		950	950	950
Grinding Wheel	mm		200X25X32/31.75	200X25X32/31.75	200X25X32/31.75
Spindle Speed	50Hz	rpm	2850	2850	2850
	60Hz		3420	3420	3420
Vertical Handwheel	1 grad	mm	0.01/0.01/0.001	0.01	0.01
	1 rev		2	2	2
Automatic Down Feed Rate	mm		-/0.002~0.2	-/0.002~0.2	-/0.002~0.2
Power Head Increment	mm		-	-	-
Spindle Motor	k w		1.5	2.2	2.2
Vertical Motor	k w		-	-	-
Hydraulic Motor	k w		1.5	1.5	1.5
Dust Collection Motor	w		550	550	550
Coolant Motor	w		90	90	90
Crossfeed Motor	k w		-/60/60	60	60
Floor Space	mm		2500X1900	1900X2300	1900X2300
Packing Dimensions	mm		1570X1990X2120	1680X2030X2110	1680X2130X2110
Net Weight	kgs		1280/1280/1320	1655/1680	1700/1730
Gross Weight	kgs		1480/1480/1520	1905/1930	1950/1980

KGS-1224 / 1632 / 1640 SERIES

**KENT
USA**



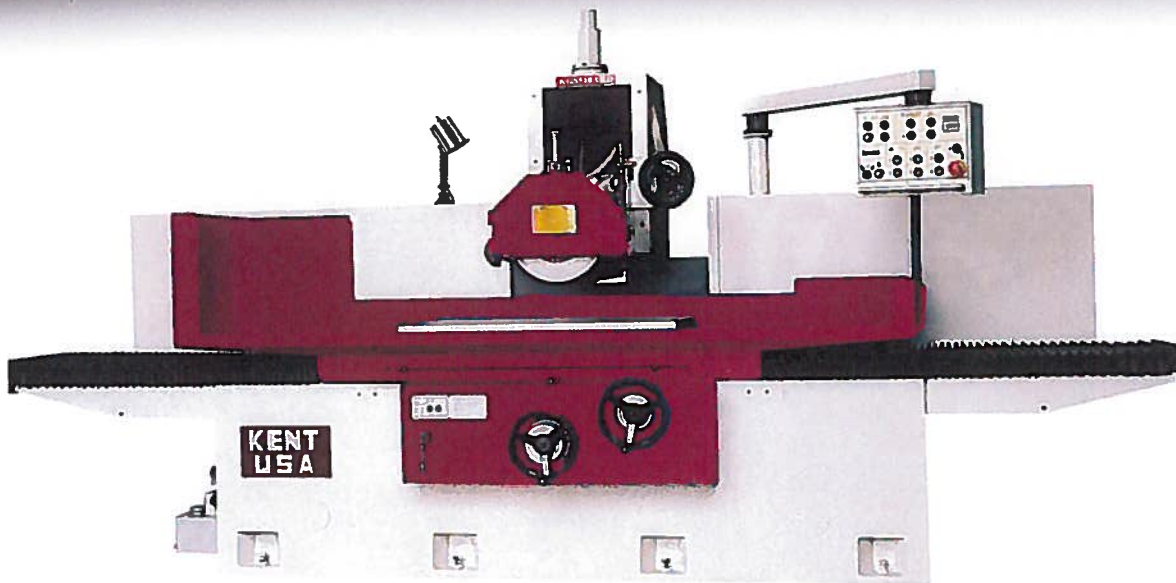
KGS - 1224AHD

KGS - 1640AHD

		Unit	KGS1224AH/ AHR/AHD	KGS1632AH/ AHR/AHD	KGS1640AH/ AHR/AHD
Working Surface of Table		mm	300X600(12"X24")	400X800(16"X32")	400X1000(16"X40")
Max. Table Travel		mm	660	920	1120
Max. Cross Travel		mm	370	450	450
Distance Between Table Surface and Spindle Center		mm	540	580	580
Max. Table Load		kgs	420	700	700
Tee Slot (NumberXWidth)		mm	1X14	3X14	3X14
Table Speed		m/min	5~25	5~25	5~25
Crossfeed Handwheel	1grad	mm	0.02	0.02	0.02
	1rev		5	5	5
Automatic Crossfeed of Saddle		mm	0.5~12	0.5~12	0.5~12
Power Cross Feed	50Hz	mm	790	790	790
	60Hz		950	950	950
Grinding Wheel		mm	355X40X127	355X40X127	355X40X127
Spindle Speed	50Hz	rpm	1450	1450	1450
	60Hz		1740	1740	1740
Vertical Handwheel	1grad	mm	0.01/0.01/0.001	0.01/0.01/0.001	0.01/0.01/0.001
	1rev		2/2/0.5	2/2/0.5	2/2/0.5
Automatic Down Feed Rate		mm	-/-0.005~0.025	-/-0.005~0.025	-/-0.005~0.025
Power Head Increment		mm	-/380/230	-/380/230	-/380/230
Spindle Motor		kw	4	5.5	5.5
Vertical Motor		kw	-/90/90	-/90/90	-/90/90
Hydraulic Motor		kw	1.5	2.2	2.2
Dust Collection Motor		w	550	550	550
Coolant Motor		w	90	90	90
Crossfeed Motor		kw	90	90	90
Floor Space		mm	2600X2500	3600X2600	3600X2600
Packing Dimensions		mm	2090X1940X2210	2775X2255X2210	2990X2225X2210
Net Weight		kgs	1800/1810/1910	2800/2810/2850	2900/2910/2950
Gross Weight		kgs	2100/2100/2210	3100/3110/3150	3200/3210/3250

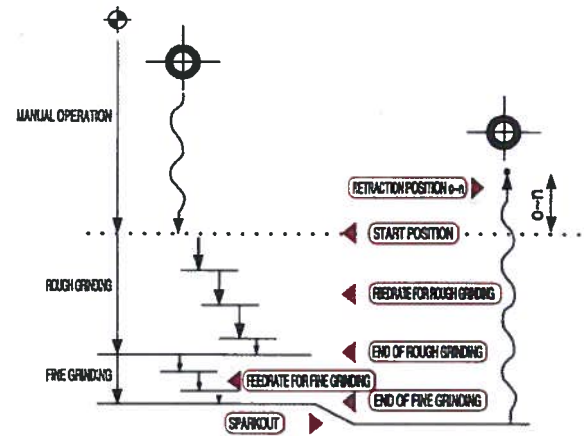
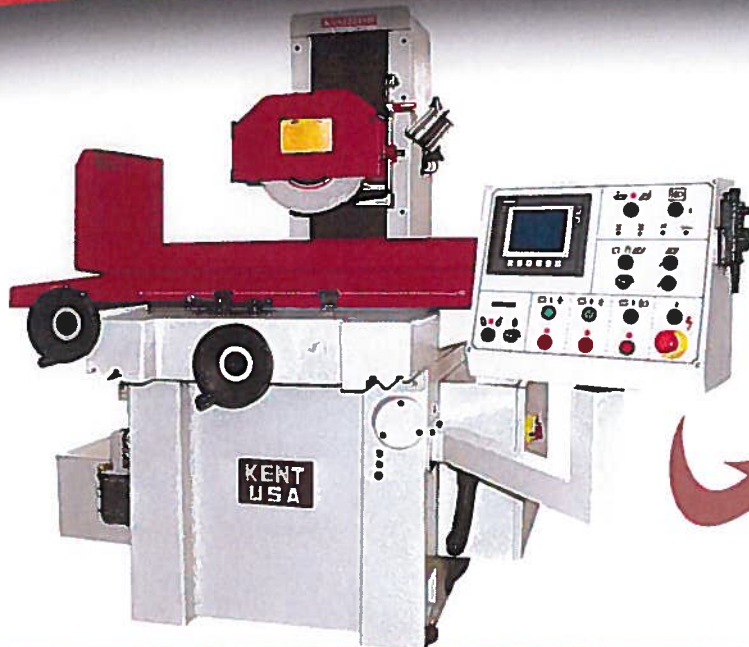
KGS-510 / 515 / 615 / 620 SERIES

**KENT
USA**



KGS - 510AHD

	Unit	KGS510AH/ AHD	KGS515AH/ AHD	KGS615AH/ AHD	KGS620AH/ AHD
Working Surface of Table	mm	500X1000(20"X40")	500X1500(20"X60")	600X1500(24"X80")	600X2000(24"X80")
Max. Table Travel	mm	1140	1600	1600	2230
Max. Cross Travel	mm	540	570	660	660
Distance Between Table Surface and Spindle Center	mm	590	590	600	600
Max. Table Load	kgs	700	700	800	1500
Tee Slot (NumberXWidth)	mm	3X16	3X16	3X16	3X16
Table Speed	m/min	5~25	5~25	5~25	7~25
Crossfeed Handwheel	1 grad	mm	0.02	0.02	0.02
	1 rev				
		5	5	5	5
Automatic Crossfeed	mm	0.5~12	0.5~12	0.5~12	0.5~12
Power Cross Feed	50Hz	mm	1250	1250	1250
	60Hz				
		1500	1500	1500	1500
Grinding Wheel	mm	355X40X127	355X40X127	355X50X127	355X50X127
Spindle Speed	50Hz	rpm	1450	1450	1450
	60Hz				
		1740	1740	1740	1740
Vertical Handwheel	1 grad	mm	0.002	0.002	0.002
	1 rev				
		0.5	0.5	0.5	0.5
Automatic Down Feed Rate	mm	0.005~0.04	0.005~0.04	0.005~0.04	0.005~0.04
Power Head Increment	mm	230	230	230	230
Spindle Motor	k w	5.5	5.5	7.5	7.5
Vertical Motor	k w	370	370	370	370
Hydraulic Motor	k w	2.2	2.2	5.5	5.5
Dust Collection Motor	w	550	550	550	550
Coolant Motor	w	90	90	90	90
Crossfeed Motor	k w	370	370	370	370
Floor Space	mm	4445X2200	58100X2445	5810X2445	6200X2700
Packing Dimensions	mm	3440X2260X2250	4000X2260X2250	-	-
Net Weight	kgs	5000	6000	6250	8500
Gross Weight	kgs	6000	7000	7250	9700



AUTO CYCLING

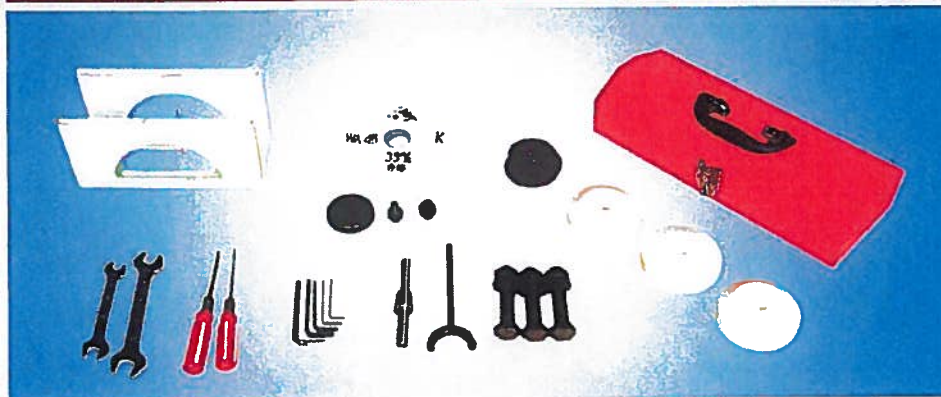
KGS - 1224SD

		Unit	KGS1224SD	KGS1632SD	KGS510SD
Working Surface of Table		mm	300X600	400X800	500X1000
Max. Table Travel		mm	660	920	1140
Max. Cross Travel		mm	370	450	540
Distance Between Table Surface and Spindle Center		mm	540	580	590
Max. Table Load		kgs	420	700	700
Tee Slot (NumberXWidth)		mm	1X14	3X14	3X16
Table Speed		m/min	5~25	5~25	5~25
Crossfeed Handwheel	1grad	mm	0.02	0.02	0.02
	1rev		5	5	5
Automatic Crossfeed		mm	0.5~12	0.5~12	0.5~12
Power Cross Feed	50Hz	mm	790	790	1250
	60Hz		950	950	1500
Grinding Wheel		mm	355x40x127	355X40X127	355X40X127
Spindle Speed	50Hz	rpm	1450	1450	1450
	60Hz		1740	1740	1740
MPG Handwheel Feed Rate			X1,X10,X100	X1,X10,X100	X1,X10,X100
Min. Down Feed Rate		mm	0.001	0.001	0.001
Power Head Increment		mm/min	210	210	210
Spindle Motor		k w	4.0	5.5	5.5
Vertical Motor		nm	3.57	3.57	2.6
Hydraulic Motor		k w	1.5	2.2	2.2
Dust Collection Motor		w	550	550	550
Coolant Motor		w	90	90	90
Crossfeed Motor		k w	90	90	370
Floor Space Dimensions		mm	2600X2500	3600X2600	4445X2200
Packing Dimensions		mm	2090X1940X2210	2275X2255X2210	3400X2260X2250
Net Weight		kgs	1900	2800	5000
Gross Weight		kgs	2200	3100	6000

STANDARD AND OPTIONAL ACCESSORIES

**KENT
USA**

STANDARD ACCESSORIES



Grinding Wheel
Wheel Flange
Wheel Balancing Base
Wheel Balancing Arbor
Extractor
Diamond Dresser
Leveling Pad
Anchor Bolt
Tool Box With Tools

OPTIONAL ACCESSORIES

1
Permanent Magnetic Chuck



2
Tilttable Permanent Chuck



3
Electro-Magnetic Chuck



4
Demagnetizer



5
Overhead Parallel Dresser



6
Angle Dresser



7
Radius Dresser



8
Chuck Control



9
Rapid Elevation



10
Micro Feed



11
Digital Readout System



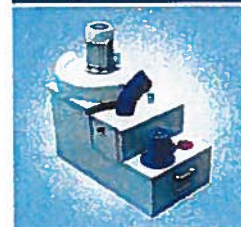
12
Rear Splash Guard



13
Suction Device



14
Cooling & Suction Device



15
Magnetic Separator

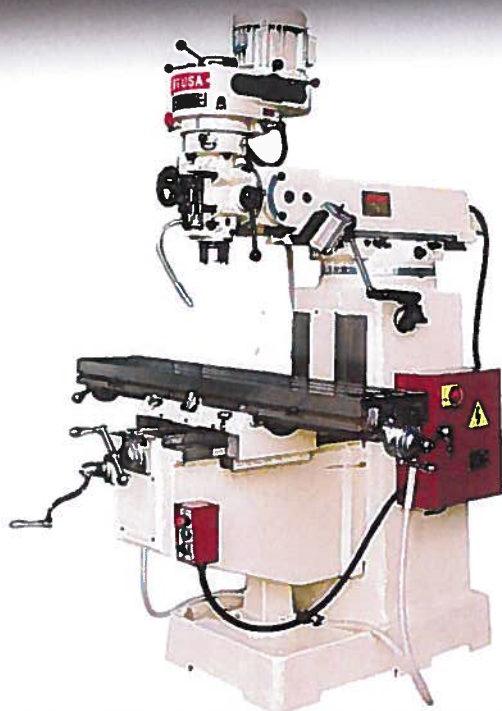


16
Cooling with Magnetic Paper Filter

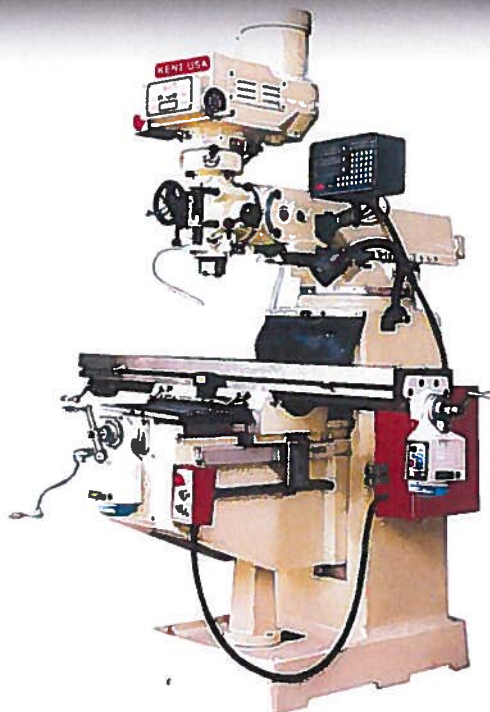


TURRET MILL SERIES

**KENT
USA**



KMS-1054S



KMS-1054VS

STANDARD ACCESSORIES



• Drawbar • Way Covers • Oil Gun • Tool Box & Tools

OPTIONAL ACCESSORIES



Milling Collet



Clamping Kits



Machine Vice



Mechanical Power Feed



Electronic Power Feed



Digital Readout System

	Unit	KMS - 1054S	KMS - 1054VS
Working Surface of Table	mm	254X1372(10 X54)	254X1372(10 X54)
Max.Table Load	kgs	300	300
Longitudinal / Cross / Vertical Travel	mm	920X410X400	920X410X400
Spindle Travel	mm	127	127
Automatic Feed of Spindle	mm/r	0.04/0.08/0.15	0.04/0.08/0.15
Spindle Bore		R8/ISO30/ISO40	R8/ISO30/ISO40
Spindle Motor	k w	2.2	2.2
Distance from Spindle Center to Vertical Guideway	mm	172~756	172~756
Distance from Spindle Nose to Table Surface	mm	R8 0~435/ISO40 0~400	R8 0~435/ISO40 0~400
Max.Swivel of Milling Head	°	90° (R & L) 45° (F & R)	90° (R & L) 45° (F & R)
Range of Spindle Speed	rpm	80~5440(16 steps)	60~4200(Variable speed)
Ram Travel	mm	458	458
Net Weight	kgs	1250	1250
Gross Weight	kgs	1450	1450
Packing Dimensions	mm	2300X1540X2000	2300X1540X2000



KENT INDUSTRIAL (USA) INC.

1231 Edinger Avenue Tustin, CA 92780

Tel: (714) 258-8526

Fax: (714) 258-8530

Toll Free: (800) KENT-USA

Internet: www.kentusa.com

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