



Data Sheet



KENT USA SGS-1230AHD Surface Grinder



Outstanding Features:

3-axis automatic movement with auto incremental downfeed and electronic crossfeed
Precision hand scrapped table and saddle ways for smooth and long-lasting performance
High column design with 23" spindle to table for extra clearance under the wheel
Rapid elevation motor for quick and easy positioning of the grinding wheel/head
Centralized automatic lubrication system provides metered lubrication to all points
Safe 24V control circuit power keeps high voltage circuits away from operator controls

General Specifications:

<u>Description</u>	INCH	MM
Working surface of table:	10.2" x 29.5"	260 x 750 mm
Max grinding surface:	12" x 30"	304 x 762 mm
Max longitudinal travel of table:	33"	840 mm
Max cross travel of table:	13"	332 mm
Max spindle center to table top:	23.6"	600 mm
Table speed (variable):	20 – 82 ft/min	6 – 25 m/min
Vertical handwheel (1 graduation):	0.0005"	0.01 mm
Vertical handwheel (1 revolution):	0.100"	2 mm
Crossfeed handwheel (1 graduation):	0.001"	0.01 mm
Crossfeed handwheel (1 revolution):	0.200"	4 mm
Automatic downfeed increment (10 steps):	0.0001" – 0.001"	0.002 – 0.020 mm
Spindle motor:	5 hp x 4p	5 hp x 4p
Spindle speed (60/50 Hz):	1750/1450 rpm	1750/1450 rpm
Grinding wheel (ODxTxID):	14" x 1¼" x 5"	355 x 32 x 127 mm
Machine net weight:	4290 lb	1950 kgs
Machine gross weight:	4950 lb	2250 kgs
Packing dimension (LxWxH):	89" x 69" x 87"	2260 x 1740 x 2210 mm

Standard Accessories:

Grinding wheel
Wheel flange
Wheel balancing base and arbor
Diamond table dresser base and tip
Leveling bolts and pads
Work light
Tool box with tools
12" x 28" electromagnetic chuck and control
Dust-suction coolant system
Overhead parallel dresser

PRICE for (1) SGS-1230AHD with above standard accessories(ASK TO YOUR SALES MAN)

Optional Accessories(ASK TO YOUR SALES MAN):

Acu-Rite 102 DRO package (2-axis, 0.0001" resolution) with installation
Walker 12x24 LBP fine pole electric chuck w/ control
Kanetsu 12x28 fine pole electric chuck and control
Upgrade to Paper filter magnetic separator coolant system
Static wheel balancer
Extra wheel flange
Coolant (1 gallon, mixes 1:30)