



# KARTHIK MACHINE TOOLS

Importers, Wholesalers and Traders of Industrial Machines, DROs & Accessories

## SURFACE GRINDER



TECHNICAL PARAMETERS	UNIT	SPEED GRIND MODEL : 2050	SPEED GRIND MODEL : 3075
Table Size (L x W)	Mm	540 x 250	750 x 300
Distance From Table Surface To Spindle Center	Mm	450	480
The speed of longitudinal travel	m/min	3-20	3-20
Cross Feed On Handwheel	Mm	0.02/Graduation 2.5/revolution	
Vertical Feed On Handwheel	Mm	0.01/Graduation 1.25/revolution	
Wheel Size (dia. x width x bore)	Mm	Φ200 x 20 x Φ31.75	Φ300 x 30 x Φ75
Spindle Speeds	Rpm	2850 RPM, 50Hz	1450RPM, 50Hz
Spindle Motor	Kw	1.5	2.2
Hydraulic station motor	Kw	1.5	2.2

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### HYDRAULIC SURFACE GRINDER



### PRECISION SURFACE GRINDER



### HYDRAULIC SURFACE GRINDER

TECHNICAL DATA		SGS-1020-S	SGS-1224-S
<b>Capacity</b>			
Table working area	mm	500 x 200	600 x 300
Longitudinal Table Travel	mm	520	660
Cross Feed Table Travel	mm	250	300
Distance Spindle Centre to Table	mm	390	400
<b>TABLE &amp; CROSS FEED</b>			
Magnetic Chuck Recommended	mm	Parmanent Magnet Chuck 200 x 500	Electro Magnet Chuck 300 x 600
T-Slot	mm	10	14
Longitudinal Table Speed	mm / minute	5-15	5-15
Cross Feed on Hand Wheel	1 Gra. / mm	0.05	0.05
	1 Rev / mm	5	5
Auto Cross Feed Per Stoke	mm	Optional	Opional
Table Guide Ways		V-and Flat Ways	V-and Flat Ways
<b>GRINDING WHEEL</b>			
Wheel Dimension (Dia x Width x Bore)	mm	200 x 13 x 31.75	200 x 20 x 31.75
Spindle Speed	RPM	2800	2800
<b>MOTOR</b>			
Spindle Motor	KW	0.75	1.5
Hydraulic Motor	KW	1.5	1.5

### PRECISION SURFACE GRINDER

TECHNICAL DATA	MODEL 10X20"
Working Surface of the table	250 x 500 mm
Maximum height from table to Grinding Wheel	275 mm
Vertical Feed Graduation	0.002 mm
Cross Feed Graduation	0.05 mm
Spindle Speed	2800 R.P.M.
Size of Grinding Wheel (Dia x Width x Bore)	200 x 20 x 31.75 mm
Magnetic Chuck Recommended	200 x 500 mm
Electric Motor Recommended	1.5 K.W/2 HP, 2800 RPM, 3 Phase
Diamond Dresser	0.5 Cr.

**Note: The Illustrations and specifications are not binding & subject to change without notice since the machine is being constantly improved.**