

Product Name :
Cylindrical Grinder**Product Code :**
gm0009**Description :**

Cylindrical Grinder

Technical Specification :

The Universal Cylindrical Grinding Machine ideally suited to performing repetitive grinding operations or small quantity reduction with equal ease..

Features of our existing range of machines. All models have hydraulic and mechanical able traverse. Wheel Head rapid approach for the operating conveniently. In all models variable speed of work head and internal grinding spindles facilities are available if required on all models. We use antifriction turcite "B" slid-way material on the slides in all our models. Hand - operated lubrications pump for sufficient lubrication of slides. Surface finish 2 microns (improved values can be obtained by using selected grades of grinding wheel applicable to material to be ground). Standard attachments : A coolant pump fitted on a tank, Diamond Dresser 2 nos., Oil can, Dead Center 2 nos., Tool kit. Additional attachment extra cost : Internal Grinding Attachment, Balancing Stand, Balancing Mandrel, Three Points Steady Rest, Two points Steady Rest, Radius Truing Device, Spare wheel Flange, Independent Four Jaws Chuck, Magnetic Coolant Pump, Grinding Gauge.

Dimensions	305-455
Table Swivel	9+3
Centre Height	130 mm
WORK HEAD	
Work Head Speeds r.p.m. 3 Steps (SGI 305/455/600/800 mm)	50 to 350
Morse Taper Center	No. 3
Work Head Speeds r.p.m. 4 steps (SGI 1000-1250/1500-2000 mm)	35 to 350
Morse Taper Center	No 4 to 5
Work Head Swivel	90 degree
TABLE	
Traverse speeds 4 steps (Mechanical)	80 to 385 mm/min.
Traverse speed step-less (Hydraulic)	50 to 1000 mm/min
WHEEL HEAD	
Rapid approach to all machines	50 mm
Wheel head with a hand wheel (305/455/600/800)	80 mm
Wheel head with a hand wheel (1000/1250)	100 mm
Wheel head with a hand wheel (1500/2000)	170 mm
Increments of feed dial	0.005 mm
Swivel of wheel head	45-45 degree
Wheel speeds (SGI 305/455/600/800 mm)	1800-2000
Standard size of wheel	355 x 25.4 x 127 mm or 355x 38 x 127 mm
Wheel speeds (SGI 1000/1250 mm)	1500-1800
Standard size of wheel	406 x 38 x 127 mm
Wheel speeds (SGI 1500/2000 mm)	1200-1500
Standard size of wheel	508 x 50.80 x 254 mm
POWER	
Wheel head (SGI 305/455/600/800/1000/1250 mm)	3 H.P. / 5 H.P.
Wheel Head (SGI 1500/2000 mm)	5 H.P. / 7.5 H.P.
Work Head (SGI 305/455/600/800 mm)	0.5 H.P.
Work Head (SGI 1000/1250 mm)	1 H.P.
Work Head (SGI 1500/2000 mm)	1.50 H.P.

Mechanical Table (SGI 305/455/600/800/1000/1250)

0.5 H.P.

Mechanical Table (SGI 1500/2000)

1 H.P.

Hydraulic

1/2 H.P.

Coolant Pump

0.10 H.P.

Internal Grinding Attachment

1 H.P.

 **LAB ENGINEERING**

Elab Engineering Equipments Manufacturers