



SER - 1

UNIVERSAL RADIAL DRILLING MACHINE

With Auto Power Feed & Auto Lift



Decide with Confidence

Trusted Leading Name in Machinery

A Product of **SHAYOG ENTERPRISE**, Bhavnagar, Gujarat (India)

(SIDDHAPURA GROUP)

Sahyog

UNIVERSAL RADIAL DRILLING MACHINE

DESIGN FEATURES :

- Main Spindle made from Alloys Steel with 6 slots is machined by Hobber Machine and MT-Bore is provided internally grinded.
- Provides 8 speeds by accurate balanced pairs of cone pulleys, which runs on two Ball Bearings.
- Spindle Sleeve is properly grinded and hardened is guided in honned, Drill Head bore spindle is mounted on five ball & roller bearing for smooth and accurate running.
- By simple adjustment of only Tapper Wedge facility to set Drill Head on arm guide way.
- Top Cover Provided with window for changing gears and setting V-Belt for desired R.P.M.
- Lever facility for V-Belt Tension.
- Gears made from best Quality material are Helical teethed on imported hobbing machine for smooth and noiseless running.
- Pillar & other parts being provided in machine are ground and finished by WMW GERMAN MAKE GRINDING MACHINE.
- Gradations are provided on protector for swivelling of Radial
- Arm to required degree.
- Automatic adjustable depth control.
- Auto as well as manual feeds.

STANDARD EQUIPMENTS :

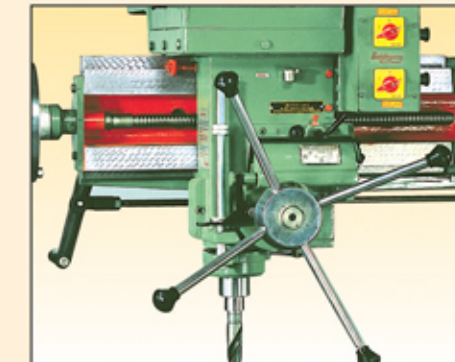
1. Motor Pulleys 2 Nos.
2. Drill Drift Key.
3. Oil Can.

EXTRA EQUIPMENT :

1. Box table with T-Slots.
2. V-Belt.
3. Coolant Pump & tank with fittings.
4. Electric Control Panel.
5. Electric Motors.



SER - I HAND FINE SPEED



SER - II AUTO POWER FEED

SPECIFICATIONS :

CAPACITY	SER I & II
Drilling Capacity	38 mm
DRILL HEAD	
1. Spindle nose	MT 4
2. Spindle Travel	220
3. No. of Spindle Speed	8
4. Range of Spindle Speed (RPM)	62-1980
5. Range of Power feed	(2) 0.08-0.04
POWER	H.P. / V-Belt
Main Motor	1.5 / B-46
Arm Elevating Motor	0.5 / A-23
WORKING TABLE	
L x W x H	380 x 300 x 300
WORKING RANGE	
1. Drilling Radius Max. / Min.	895 / 440
2. Max. / Min. Distance Column to spindle	810 / 360
3. Maximum Drill Head Travel	450
4. Max. / Min. base Plate to Spindle.	930 / 230
5. Diameter of Column	165
6. Swivel of arm L / R side	90°
BASE PLATE	
1. L x W x H	750 x 1250 x 150
2. Working Surface	820 x 610
3. No. of T-Slots	(4) 16
4. Overall Height	2000
Wooden Case L x W x H	1250 x 1550 x 2000

All Specifications are shown in MM.

We reserve right yo alter or modify dimensions design without prior notice.

Manufactured By :

SAHYOG ENTERPRISE

BHAVNAGAR - 364 004 (GUJARAT) INDIA

E-mail : bipin@sahyogdrills.com

Marketed By :