

**M&S**

**SAMSON**



**RD 50 / 1600**

Rugged, Powerful & Accurate

**RADIAL  
DRILLING  
MACHINES**

## FEATURES

- ◆ For drilling, reaming, and tapping
- ◆ Made of high-quality fine grain cast-iron with heavy-duty ribbing to ensure extremely low vibration
- ◆ Oil-bath lubricated gearbox with hardened, precision ground Cr-Ni steel gears
- ◆ Easily accessible front panel arrangement of electrical and mechanical controls
- ◆ RD 30 and RD 40 with mechanical head and arm clamping
- ◆ RD 50, RD 63, RD 80, RD 100 and RD 125 with hydraulic-mechanical clamping

## STANDARD ACCESSORIES:

- ◆ Heavy Duty Box Table
- ◆ Electric Coolant Pump with fittings
- ◆ Quartz Machine Lamp



MODEL RD 32/800



MODEL RD 40/1000

## SPECIFICATIONS

MODEL		RD 32/800	RD40/1000	RD50/1600	RD63/2000	RD80/2500	RD100/3100
Max. Drilling Diameter	mm	32	40	50	63	80	100
Distance Between Spindle Axis & Column (Min. Max.)	mm	320-820	200-1000	350-1600	450-2000	500-2500	570-3150
Distance Between Spindle Nose & Surface of Base plate	mm	90-850	264-1064	320-1220	400-1600	550-2000	750-2500
Vertical Travel of Radial Arm	mm	500	500	580	800	1000	1250
Travel of Spindle Head along Arm	mm	500	700	1250	1550	2000	2580
Column Diameter	mm	200	240	350	450	550	700
Spindle Diameter	mm	60	70	79	85	104	112
Spindle Travel	mm	240	250	315	400	450	500
Spindle Taper	mm	MT-4	MT-4	MT-5	MT-5	MT-6	MT-6
Range of Spindle Speed	RPM	75-1220	71-1800	25-2000	20-1600	16-1250	8-1000
Steps of Spindle Speeds		6	8	16	16	16	22
Range of Spindle Feeds	mm/r	0.10-0.25	0.13-0.54	0.04-3.20	0.04-3.20	0.04-3.20	0.06-3.20
Steps of Spindle Feeds		3	4	16	16	16	16
Size of Worktable		400x350	600x450	500x630	630x800	800x1000	800x1250
Main Motor	kw	1.5	2.2	4	5.5	7.5	15
Arm Elevation Motor	kw	0.55	0.75	1.5	1.5	2.2	3
Net Weight of Machine	kgs	1200	1600	3500	7000	11000	20000
Dimension of Machine		1417x720x1885	1760x800x2050	2500x1070x2840	3080x1250x3291	3730x1400x4025	4780x1630x4720

THE MANUFACTURER RESERVES THE RIGHTS TO MODIFY DESIGN, SPECIFICATIONS, MECHANISM, ETC. TO IMPROVE THE PERFORMANCE OF THIS MACHINE WITHOUT NOTICE.

## MACHINERY & SPARES

CORP. OFFICE : 201-202, KARMA STAMBH INDUSTRIAL ESTATE, OPP. MTNL OFFICE, L. B. S. MARG, VIKHROLI (W),  
MUMBAI-400 083 TEL.: 67969719 / 20 / 21, 25784515 FAX : 91-22-25798809, 67969652  
E-mail : info@machineryandspares.com Web : www.machineryandspares.com

SHOWROOM: PLOT NO. R495 / 1, RABALE MIDC, NAVI MUMBAI TEL: 022-65160046 FAX : +91-22-27602844

### SALES OFFICES

**BARODA :**  
282 / 1 / A, GIDC,  
Makarpura,  
BARODA-390010  
Telefax : 0265-2641121

**BENGALURU :**  
603 - A, Mittal Tower, M. G. Rd,  
BENGALURU-560 001  
Tel.: 25587728  
Telefax : 080-25594143

**CHENNAI :**  
143, Angappa Naicken Street,  
CHENNAI-600 001  
Tel.: 25221246  
Telefax : 044-25221245

**FARIDABAD :**  
53, 1st Floor,  
Neelam Flyover Market,  
FARIDABAD-121001  
Tel.: 0129-2420150