

SINCE 2007

15 Celebrating
Years
of Continued Success



Sagar
MACHINERY



“ Perfect Choice for
Perfect Cutting ”

Manufacturer of High Speed Horizontal
Metal Cutting Band Saw Machines



MODELS
SM 175, SMR 200

Technical Specifications

MODEL	SM 175	SMR 200
Cutting Cap. - Round (mm)	175	200
Cutting Cap. - Square (mm)	150 x 150	150 x 150
Motor	1 HP, 1440 RPM	1 HP, 1440 RPM
Coolant Pump	0.15 HP, 2800 RPM	0.15 HP, 2800 RPM
Drive	Helical Gear Pinion	Helical Gear Pinion
V-Belt Size	A35	A35
Blade Size (mm)	3000 x 27 x 0.9	3000 x 27 x 0.9
Blade Speed (mtr/min)	37 - 52 - 70	37 - 52 - 70
Weight (Kg)	300	315
Dimensions L x W x H (mm)	1700 x 740 x 1070	1700 x 740 x 1070



MODELS

SM 225, SM 275, SM 325, SM 400, SM 475, SM 600

Technical Specifications

MODEL	SM 225	SM 275	SM 325
Cutting Cap. - Round (mm)	225	275	325
Cutting Cap. - Square (mm)	175 x 175	200 x 200	250 x 250
Motor	1 HP, 1440 RPM	1.5 HP, 1440 RPM	2 HP, 960 RPM
Coolant Pump	0.15 HP, 2800 RPM	0.15 HP, 2800 RPM	0.15 HP, 2800 RPM
Drive	Worm Gearbox	Worm Gearbox	Worm Gearbox
V-Belt Size	A45	A46	A47
Blade Size (mm)	3000 x 27 x 0.9	3505 x 27 x 0.9	3760 x 27 x 0.9
Blade Speed (mtr/min)	22 - 37 - 55 - 75	22 - 37 - 55 - 75	22 - 37 - 55 - 75
Swing Cut	Yes	Yes	Yes
Weight (Kg)	375	400	460
Dimensions L x W x H (mm)	2040 x 760 x 1070	2100 x 850 x 1150	2500 x 850 x 1200

MODEL	SM 400	SM 475	SM 600
Cutting Cap. - Round (mm)	400	475	600
Cutting Cap. - Square (mm)	350 x 350	375 x 375	425 x 425
Motor	2 HP, 960 RPM	2 HP, 960 RPM	5 HP, 960 RPM
Coolant Pump	0.15 HP, 2800 RPM	0.15 HP, 2800 RPM	0.25 HP, 2800 RPM
Drive	Worm Gearbox	Worm Gearbox	Worm Gearbox
V-Belt Size	A53	A53	B68
Blade Size (mm)	4420 x 34 x 1.1	4570 x 34 x 1.1	5800 x 41 x 1.3
Blade Speed (mtr/min)	22 - 37 - 55 - 75	22 - 37 - 55 - 75	22 - 37 - 55 - 75
Swing Cut	Yes	Yes	No
Weight (Kg)	650	700	1400
Dimensions L x W x H (mm)	2750 x 920 x 1220	2750 x 920 x 1220	3650 x 1070 x 1370



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FEATURES:

- All metals ranging from very soft to very hard like copper, brass, aluminium, mild steel, alloy steel, stainless steel, tool steel can be cut very easily.
- Can cut various sections including round, square, flat, angle, channel, pipes etc.
- Efficient clamping vice to hold the workpiece firmly.
- Precise and easy hydraulic feed control.
- Bi-metal blade gives faster, smoother and accurate cutting.
- Adjustable chrome plated blade guide units.
- Auto machine off at the end of cut.
- Low noise operation.
- Swing cut feature provides faster cutting for large cross-sectional sizes.
- Spring tension to adjust the load of saw arm which facilitates the ease of operation for various size and types of materials.
- Auto operated coolant pump.
- 6 months of warranty against any manufacturing defects.

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MFG.: SAGAR MACHINERY
GUJARAT, INDIA