



M&M Fidelity

Processing Innovation's

FORMERLY MATHAROO & MATHAROO INC.

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PLOT NO. 883 INDUSTRIAL AREA-A, NEAR PSPCL, LUDHIANA-141003(PUNJAB)

GSTIN :- 03BESPS8166L1ZM DT:- 25/06/2017
PAN :- BESPS8166L
TIN No. :- 03962091136 DT:- 19-04-2011




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TECHNICAL APPRAISAL KING COBRA MODEL 1000 HFA

King Cobra Model-1000 HFA is sturdy and finely designed machine offering solution for cutting higher thickness of Pipes, Tubes and Sections. It has the ability to cut multiple tubes with combined total clamping capacity of 100mm. Heavy duty backlash free Gearbox moves on alloy steel hardened and ground wide faced slide driven by Hydraulic cylinder. The tube clamping is also hydraulic. The cutting RPMs are infinitely variable to accommodate various saw blade diameters and different diameters of the tubes and the sections to be cut.



CUTTING CAPACITY (MILD Steel)

Model	King Cobra HFA 1000
	90°
Round 	110mm
Square 	110mm x 110mm
Rect. 	110mm x 80mm
Using Special Clamping Jaw Can Cut tube 2Pcs or 4Pcs or 6Pcs at one time.	



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TECHNICAL DATA

King Cobra HFA 1000

MAIN SPINDLE MOTOR	5HP 3Phase (Bharat Bijlee)
SPINDLE RPM	Variable R.P.M with A.C. Vector Drive
R.P.M	Variable R.P.M with A.C. Vector Drive (20-80)
SAW BLADE SIZE	H.S.S. SAW BLADE
	O.D. 250~370mm Arbor Hole 32mm Pin Hole 2x11x63mm P.C.D (International Standard)
COOLING PUMP	Automatic Coolant Circulating with 1/8 HP Electrical Pump
Max Vice Open	160mm
Operation	Fully Hydraulic Type
Hydraulic System	2 HP Hydraulic Motor 25~35 Kg/cm ² Pressure
Machine Weight	1000Kgs
Machine Dimensions	2400 (W) x1100 (L) x1750 (H) (mm)

FEATURES

- Robust steel Body.
- Automatic Feed (Hydraulic).
- Automatic Cutting (Hydraulic).
- Automatic Clamping (Hydraulic).
- Saw head travels vertically on the hard and ground precision slide which provides smooth and precision cutting with longer blade life.
- All Controls are centrally located with symbols for ease of Operation.
- Cutting quantity can be easily set with numeric counter.
- With automatic stop when no material is in process.
- Heavy duty chip collecting tray is built-in for convenient cleaning and maintenance.
- Very Heavy Duty Backlash free Gear Box.
- Infinitely Variable Saw Blade RPM for optimum Cutting efficiency.
- Free Material Holding Vice for Precision Cutting.
- Especially Material Holding vice for Minimum end wastage.
- Auto Lubrication system.
- Effective Cooling System.
- PLC Driven Control Panel.
- Digital Length Read Outs.



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