

**SPECIFICATION NO. 6226 FOR PORTABLE MAGNETIC DRILL/
HOLE CUTTING MACHINE**

**BHARAT HEAVY ELECTRICALS LIMITED
UNIT: JHANSI
(WORK. ENGG. & SERVICES DEPTT.)**

EQUIPMENT : PORTABLE MAGNETIC DRILL/HOLE CUTTING MACHINE

ITEM NO : MT-3/2/1542-43 •

LOCATION : LOCO BOGIE SHOP

QUANTITY : 2 Nos.

SPECIFICATION : 6226

High speed precision magnetic base hole cutting and drilling machine complete with all electrics suitable for operation on 230 volts, 1 phase, 50 Hz. A.C. Supply. The machine to have facility for adjustable hand feed.

Specification:-(Vendor to confirm / specify)

Hole cutting capacity	-	50 mm.dia(Min)
Spindle nose taper	-	MT-2
Spindle speed (Approx.)- 50 to 450 RPM	-	Vendor to specify
Spindle travel /Stroke (Approx.)	-	150 mm.
Tapping capacity in steel	-	M20
Drilling capacity	-	23 mm dia (Min)
Reaming capacity	-	23 mm dia (Min)
Magnet Power	-	Vendor to specify
Weight	-	15 Kgs.(Max)
Motor Power	-	1.15 kW(min)
Motor should comply IS/IEC		

MANDATORY DOCUMENTS REQUIRED TO BE SUBMITTED WITH THE OFFER- (vendor to confirm and submit)

1. Dimensioned outline general arrangement drawing
2. Details of safety devices / guards provided.
3. Total electrical load.
4. Quotation with item wise prices of spares for 2 years normal working.
5. Details of standard & optional accessories offered.
6. Catalogues / leaflets of machine offered
7. Makes of Motor, bearings/gearbox and other bought out items.

GENERAL CONDITIONS-(Vendor to confirm)

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1. All following items other than standard accessories to be supplied with machine without extra cost-


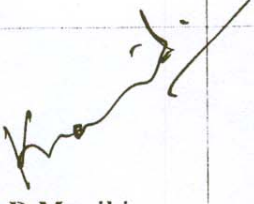
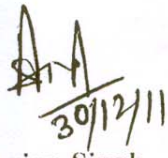
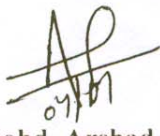
- a) Mag drill – 1 no
- b) Morse taper 2- 1 no
- c) Pilot pin of approx 75 mm length- 1 no
- d) Pilot pin of approx 100 mm length- 1 no
- e) Morse taper remover- 1no.
- f) Transport carrying case- 1no
- g) Drill chuck - 1no
- h) Adaptor B16 –MT2 - 1no
- i) Tap holder M10 - 1no
- j) Tap holder M12 - 1no
- k) Tap holder M16 - 1no
- l) Safety chain - 1no
- m) Broach cutters of 21,26,32,36,50 mm dia – 1 no each

- 2. The machine should be painted with one coat of red oxide primer & two coats of finishing paint before dispatch. Colour of the finishing paint to be specified.
- 3. Three sets of O & M manuals and one set of maintenance/operator tool kit are to be supplied with machine.
- 4. All Motors should comply IS/IEC
- 4. Machine will be inspected & tried by our engineer prior to dispatch.

COMPANY PROFILE:

Vendor to furnish following information /documents -

- 1) Experience in manufacturing (in case of trader for its principal) similar machines.
- 2) List of supplies in last 3 years. *at least 5 similar m/c.*

 S.J. Chakraborty Sr DGM(WTFT)	 K D Manjhi Sr DGM(LMM & P)	 Arjun Singh Mgr(WEX)	 Mohd. Arshad Mgr(LMM)
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