

Machining Capacities



CLIMAX

ISO/TS 16949:2009

CENTERING & FACING					
SR.NO.	DESCRIPTION	MAKE	NO. OF M/Cs	ACCURACY	RANGE / CAPACITY
1)	CENTERING & FACING M/C	SPM TOOLS, ICHALKARANJI	05 nos.	± 0.015	LENGTH - 500 mm
TURNING					
SR.NO.	DESCRIPTION	MAKE	NO. OF M/Cs	ACCURACY	RANGE / CAPACITY
1)	CNC TURNING LATHE	ICHALKARANJI, GALAXY M/C PVT. LTD., LMW MAKE	35 nos.	± 0.005	Ø 200 mm & LENGTH – 350 mm
MILLING					
SR.NO.	DESCRIPTION	MAKE	NO. OF M/Cs	ACCURACY	RANGE / CAPACITY
1)	VERTICAL MACHINING CENTER	ACE MFG. SYSTEM, BANGALORE	02 Nos.	± 0.010	STROKE X - 300 mm Y - 250 mm Z - 250 mm
2)	VERTICAL MACHINING CENTRE MCV-350 WITH PALLET CHANGER	ACE MFG. SYSTEM, BANGALORE	01 No	± 0.010	STROKE X - 400 mm Y - 350 mm Z - 480 mm
BROACHING					
SR.NO.	DESCRIPTION	MAKE	NO. OF M/Cs	ACCURACY	RANGE / CAPACITY
1)	VERTICAL BROACHING M/C	SPM TOOLS, ICHALKARANJI	02 nos.	----	03 & 06 TONNE STROKE – 500 mm
FINE BORING					
SR.NO.	DESCRIPTION	MAKE	NO. OF M/Cs	ACCURACY	RANGE / CAPACITY
1)	FINE BORING M/C	SPM TOOLS, ICHALKARANJI	01 nos.	WITHIN 0.005mm	----
HONING					
SR.NO.	DESCRIPTION	MAKE	NO. OF M/Cs	ACCURACY	RANGE / CAPACITY
1)	HORIZONTAL HONING M/C	SPM TOOLS, ICHALKARANJI	02 nos.	WITHIN 0.005mm	Ø 80 mm & L - 100 mm
GRINDING					
SR.NO.	DESCRIPTION	MAKE	NO. OF M/Cs	ACCURACY	RANGE / CAPACITY
1)		CINCINNATI	01 nos.	WITHIN 0.005mm	Ø 1.6 mm to Ø 76 mm
2)		S.M.T.	02 nos.	WITHIN 0.005mm	Ø 1.6 mm to Ø 76 mm
3)	CENTERLESS GRINDER	PALMARY	01 nos.	WITHIN 0.005mm	Ø 1 mm to Ø 60 mm
4)		HI – LIFE	01 nos.	WITHIN 0.010mm	Ø 2 mm to Ø 100 mm
5)		PARAGON RC-12B	01 NO.	WITHIN 0.002 to 0.003 MM	Ø 1 mm to Ø 30 mm

WE ARE ALSO HAVE

- 1) TRAUB – ABHIJAT MAKE
- 2) TOOL & CUTTER GRINDER – HMT MAKE
- 3) DEEP HOLE DRILLING .


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ANNEXURE-B TOOL ROOM FACILITIES					
SR.NO.	DESCRIPTION	MAKE	NO. OF M/Cs	ACCURACY	RANGE / CAPACITY
1)	RAM MILLING M/C (WITH D.R.O.)	BRIDGE PORT	01 nos.	WITHIN 0.01mm	Ø 1.6 mm to Ø 76 mm
2)	TOOL CUTTER GRINDER	HMT	01		
2)	CYLINDRICAL GRINDER	STUDER (SWISS)	01 nos.	ROUNDNESS 0.001mm	HEIGHT OF CENTER-127mm DIST. BETWEEN CENTER-400mm
3)	SURFACE GRINDER	MICROMAX	01 nos	WITHIN 0.005mm	X-400 Y-250 Z-300
4)	RADIAL DRILLING	COMET	01 nos.	WITHIN 0.010mm	DRILL CAPACITY - 25 mm
5)	LATHE	ANIL M/Cs	01 nos.	----	4.5 FEET
QUALITY CONTROL MEASURING INSTRUMENTS					
SR.NO.	DESCRIPTION	MAKE	NO. OF M/Cs	RANGE / CAPACITY	LEAST COUNT
1)	C.M.M.	ACCURATE	01 nos.	STROKE X - 300 mm Y - 250 mm Z - 250 mm	0.001 mm
2)	PROFILE PROJECTOR	DYNASCAN	01 nos.	----	mm
3)	SURFACE ROUGHNESS TESTER	MITUTOYO	01 nos.	WITHIN 0.005mm	----
4)	MICROSCOPE	HITEC	01 nos.	STROKE- 12.5 mm	----
5)	DIGITAL HEIGHT GAUGE	MITUTOYO	01 nos.	----	0.020 mm
6)	ROUNDNESS TESTER	MITUTOYO	01 NO	----	----
7)	HARDNESS TESTER	F.I.E.	02 nos.	----	----


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FIE GROUP FACILITIES

SR. NO	FACILITY	DESCRIPTION	CAPACITY
1)	FOUNDRY (T.S.CERTIFIED)	1) S.G.IRON 2) GREY CAST IRON 3) INVESTMENT CASTING	1) 400 TON / MONTH
2)	FORGING PLANT (T.S.CERTIFIED)	1) HOT STEEL FORGING	1) PRESSES – 1.5 TON, 2 TON, 100 TON, 300 TON, 500 TON. 2) FROM 0.150 kg. TO 45 kg. WEIGHT COMPONENTS.
3)	HEAT TREATMENT & PLATING PLANT (T.S.CERTIFIED)	1) SEALED QUENCH FURNACES 2) SALT BATH FURNACES 3) PIT TYPE FURNACES 4) PLATING FACILITY 5) FULLY COMPUTERISED PLANT 6) ULTRA MODERN LAB	1) CARBURISING 2) ANNELING 3) TEMPERING 4) NORMALISING, etc. 5) HARD CHROME PLATING 6) ZINC PLATING
4)	PRESSURE DIE CASTING PLANT	1) ALUMINIUM P.D.C. 2) ZINC P.D.C.	1) L.K.MAKE(160TON)-2NO. 2) L.K.MAKE(80TON).-2NO.
5)	MACHINE TOOL & SPM MFG.PLANT	1) MANUFACTURER OF S.P.M. M/CS. 2) MFG.OF CNC TURNING LATHE	
6)	SURFACE TREATMENT PLANT	1) PHOSPHATING 2) BLACKNING 3) POWDER COATING 4) HARD ANODISING	