

LIST OF MACHINES

GDC PROJECT MACHINE LIST

- 1 MELTING CUM HOLDING FURNACE
- 2 GDC TILTING MACHINE
- 3 HOISTABLE DEGASSING UNIT
- 4 RPT UNIT (VACUUM FOR POROSITY MEASUREMENT)
- 5 DENSITOMETER UNIT
- 6 BANDSAW MACHINE
- 7 BELT GRINDER MACHINE
- 8 VAS – OPTICAL EMISSION SPECTROMETER

S.N.	MACHINE DESCRIPTION	MAKE	SPECIFICATION	QTY
1	CNC TURNING MACHINE	JYOTI	DX100	13
2	CNC TURNING MACHINE	JYOTI	DX200	1
3	CNC TURNING MACHINE	TAKAMATSU	CHUCK-165,Φ80X100 L	3
4	CNC TURNING MACHINE	Jaewoo	Art - 200 S	6
5	CNC TURNING MACHINE	WINTEC	W165	1
6	CNC TURNING MACHINE	CHING HONG	CT -10	1
7	TOOL & CUTTER GRINDER	LAXMAN M/C TOOLS	Φ250	1
8	CENTERLESS GRINDING MACHINE	STAR MACHINE	WHEEL OD 400X160 LENGTH	1
9	LASER MARKING MACHINE	SUSHREE LESER IMPRESSION	MODEL : SL20	1
10	H/D LATHE MACHINE	SHEETAL	15" BED	1
11	SURFACE GRINDING MACHINE	SHIP	350 X 200	1
12	TRAUB MACHINE	SUMANGAL	A25	3
13	ORBITAL REVETTING MACHINE 25MM HYDRAULIC	ORBITAL SYSTEMS	25MM HYDRAULIC	1
14	M1TR MILLING WITH DRO	PACKMILL	250 X 1500 mm	1
15	ROTARY CUTTING M/C	SYSTEMS	3000 X 25 mm	1
16	DIESEL GENERATOR	KALA GENSET	105 HP	1
17	PROFILE PROJECTOR	MEERA METZER	AXIS TRAVEL 100 MM	1
18	CNC CONTOUR MEASURING MACHINE	MAHR	MARSURF CD 120	1

FUTURE PLANS

Type of Machining / Facility	Make	Machine Specification	No. of M/Cs
CNC Milling (VMC)	Hartford	2060 X 1570 X 870 mm	2
CNC Milling (VMC)	BFW	1000 X 600 X 600 mm	10
CMM, Low Pressure Die Casting, Impregnation, Furnace - 500 kg (2)			



CERTIFIED COMPANY



BHARAT ENGINEERING & TOOLS CORPORATION



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BHARAT ENGINEERING & TOOLS CORPORATION

Gravity Die Casting

VMC Machining

Spectrometer

CNC Contour Inspection Facility

CNC Machining

Profile Projector



BHARAT ENGINEERING & TOOLS CORPORATION

BETCO is your one stop job shop for Gravity Die Casting Components along with Mass Manufacturing of CNC Turning, VMC Machining & other Conventional machining.



Captive Power Arrangement
Diesel Silent Generator
(Kala Genset) - 82.5 KVA



Material Handling Facilities
EOT Crane - 5 T
Die Loader / Hydraulic Filter - 1 T



Material Lift Facilities



**142 Abrasive Belt
Grinder - 3 HP**



**Bandsaw
Machine - 24" 3 HP**



Optical Emission Spectrometer
Model No : Quanta Emission
Configured For The Analysis



Hoistable Degassing Unit



RPT UNIT
(vacuum For Porosity Measurement)



Densitometer Unit



BFW VMC Machine



Jyoti CNC Machine



GDC Tilting Machine

PRODUCTS



**POST TURNING
OPERATION
CAGES**
**TURNING
OPERATION
BEARING CAGES**



**OUTER RING FOR WATER
PUMP BEARINGS**



SHAFT FOR WATER PUMP BEARINGS



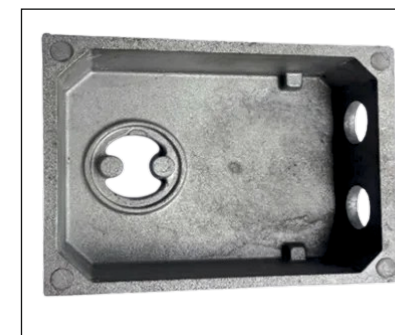
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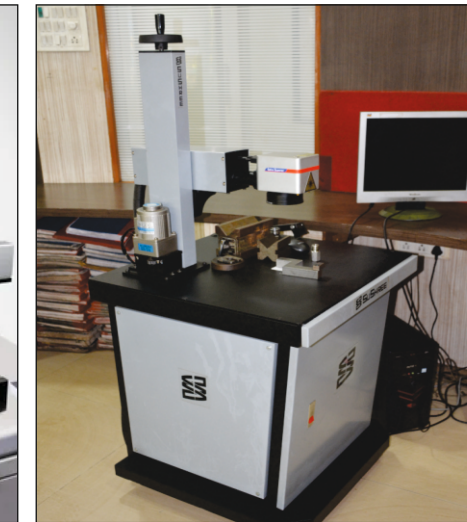
Assembly



INSPECTION



**Mahr Contour Graph
Machine**



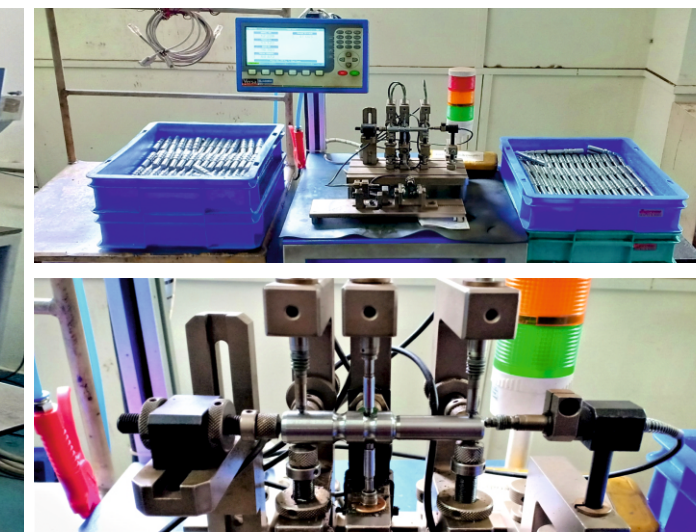
Laser Marking Facility



PROFILE PROJECTOR



Auto Inspection Machine



OUR VALUED CUSTOMERS

**SCHAEFFLER
GROUP**

**DAIVA
ENGINEERING**

Mahindra

**LEAR
CORPORATION**