

GEAR-TECH ENGINEERS PVT. LTD.

Plot no.201,Shade No.1, Near DSK Toyota Showroom,Miraj-Pandharpur Highway.

A/p Tanang, Tal. Miraj Dist:-SANGLI (INDIA)- 416 410,

PH :- 0233-2276562 / 2276662,CELLULAR :, +91 9225829019

E-MAIL: alok.h019@gartechindia.com,Web: www.gartechindia.com

REF: INTRO / 2016-2017

Dear Sir/ Sirs,

We are pleased to introduce ourselves as a company engaged in designing & manufacturing of **Precision Gear Boxes and Gearbox spares**. We are based at Sangli near Kolhapur, Sangli is very well connected by Multilane Expressways with Pune and Mumbai the leading Industrial and Commercial hubs of Maharashtra State / Province in Western India.

Established in the 1999 by a team of highly qualified engineers with rich knowledge and experience in various aspects of GEAR TECHNOLOGY, the company initially focused on **complex re-engineering solutions** to industrial Heavy Duty, High Speed Gear box users.

The range of services include Upgrade solutions like total refurbishments, transmission efficiency improvement, ratio Changing and **Drop in replacement Spares to any make Gearboxes** which still remains as one of the core competencies of the company.

With the span of a decade we have developed sound infrastructure for designing and Manufacturing complete range of Gear Boxes. Import substitution, special purpose replacements, along with our standard range.

Our infrastructure involves use of World Class Gear Design Software's for Designing / Manufacturing. Advanced Precise machines for machining and manufacturing and **stringent quality assurance plan**. Reputed Personnel with experience of 45 Years as a consultant

Remarkable stock of forgings to provide un-matched delivery period & personalize pre sale / after sale attention to each Customer are two more added advantage with us.

Our Ultimate Mission is to supply Gears with Ultimate Quality with Unmatched delivery period.

We trust you will reward us with your most valuable Enquiries & we strongly assure you to be your highly reliable Supplier / Vendor.

Thanking you & assuring you our best services at all times,

Yours faithfully,

For **GEAR-TECH ENGINEERS PVT. LTD.**

Alok Hemani

+91 9225829019

Enclosed Details: Product Range, Company Details, Infrastructure Details & Customer List

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PRODUCT RANGE FOR SUGAR FACTORIES:

DESIGNING & MANUFACTURING OF

a) Any Type Gearbox Sets / Specialist for Helical & Bevel Helical Gearboxes.

High speed Turbine Gearboxes (speed reducers, speed increasers), Single Helical, Double Helical Up to 2 M.W./8000 R.P.M.

Heavy Duty Mill House Gearboxes for Applications Like Sugar Mill, T.R.P.F. , G.R.P.F. Cane Carrier, Inter rake Carrier, R.B.C. Etc. Helical , Bevel Helical , Planetary Type,

Crane Duty Gearboxes for Loader, Un Loaders, Mill House Power House

Cranes, Special Purpose Gearboxes Like Cooling Tower, Pan Rotator etc.

Inter changeable, Identical i.e. drop in replacement Gearboxes to any make keeping all technical parameters same like mounting, Shaft dia.s , Bearings etc.

b) Spares, Re-engineering & Modification

Drop in replacement Spares for any make, any type Gearboxes.
Gear Pinions, Gear wheels, and Gearbox Housings Etc.

Spares to FMG, FLENDOR, ELECON, GREEVES, PREMIUM, ALLENBERRY, SHANTI & MANY MORE MAKE Imported Gearboxes.

Reconditioning work of existing gearbox housings, Gear Spares.

Re-engineering & Modification of Gearboxes i.e. Ratio changing, Increasing power transmission capacity, changing through hardened gear to case hardened-ground

Overhauling, Servicing & Aligning of High Speed Turbine, Critical Gear Boxes.

Spares I.E. Pinions, Gear Wheels, White Metal / Bi-Metal Bearings & High Speed met-flex couplings for High Speed Turbine Gearboxes.

c) Technical Assistance, Seminars Analysis, evaluation regarding Selection, Failures etc.

Heavy Duty , Precise Gear Couplings

Open Gears up to 20 Module / 2000 M.M.

Diameter Shafts up to 5 Meter Length,

Heavy Machine cut Sprockets & Critical Machining Components.

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DETAILS OF THE COMPANY:

1.	Name of the Company	Gear-tech Engineers Pvt. Ltd.
2.	Address	Plot no.201, Near DSK Toyota Showroom, A/p Tanang, Dist:-SANGLI (INDIA)- 416 410,
3.	Tele-Fax	0233 - 2645 664, 2644545
4.	E-Mails Website	mgeartech@gmail.com , alok.h019@geartechindia.com , www.geartechindia.com
5.	Year Of Establishment.	1999 (Previously Partnership Firm Converted in 2006)
6.	Contact Persons	Mr. Alok Hemani
7.	Name Of Directors	Mr. Alok Hemani alok.h019@geartechindia.com +91 9225829019 Mr. Yogesh Hemani, Cell No. 9423003672
8.	Factory Area	Total - 1000 Sq. Mtrs. Built Up Area - 600 Sq. Mtrs.

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Machine Shop:

11000 SQ. FT. PLOT WITH 4000 SQ. FT. COVERED WORKSHOP WITH OVER HEAD CRANE OF 5 TON CAPACITY & 105 H.P. POWER CONNECTION. STORE & DRAWING ROOM ATTACHED.

Machining Infrastructure:

Grinding Machines:

Gear grinder,- Make- **Hofler Germany**, Capacity 14 module, 800 m.m. Dia.
(With tip relief, crowing attachment, retrofitted with computer program for Mfg.,)
Gear grinder - Make Reischauer Germany, Capacity 6 module, 300m.m. Dia.
Bore-Face Grinding - Make Churchill U.K. Capacity I.D. 500 / Length 500,
Cylindrical Grinder - Make Churchill U.K. Capacity 1200 M.N. Length, 300 O.D.,
Rotary Surface Grinder Make H.M.T. India Capacity 800 M.M. Dia.

Gear Teeth Cutting: External teeth cutting i.e. Gear hobbing machines

Make -Stahley Germany, capacity 8 module, 500 M.M. Max. Diameter,
Make -Pfafter Germany, capacity 14 module, 900 M.M. Max. Diameter,
Make - W.M.W. Germany, capacity 20 module 2000 M.M. Max.
Diameter, Internal teeth cutting Gear shaping machine,
Make - Fellows U.S.A. , Capacity 8 module, 600 M.M. Maximum Diameter

Gear Testing:

for confirmation of exact gear profile, **Gear profile tester, Magg SP-60**, capacity 12 module, 650 M.M. retrofitted with advance computer software for gear testing

Complete range of measuring instruments like micrometers, span micrometers, bore dial gages, assembly equipments.

All machines & measuring instruments are calibrated regularly.

Test Bench with sound, vibration Temperature testing Devices.

Gear Box Housing:

For planning, Facing, Plano Miller, Make WMW Germany Capacity 1500 x 600 m.m.
Horizontal boring machine Make Toss Germany Capacity : spindle diameter of 90m.m.
Toss with D.R.O. 1500 x 1500 x 1200 & all required attachments
In house Welding & Grinding Facility.

Gear Blanking:

Pinion - Shaft Key Machine Make Forst Germany, Capacity 1000 m.m. / 100 m.m.
Key-Way Slotting with Indexing Make Buttler U.K. Capacity 350 m.m. Max. O.D.
800. Drilling Machine Make H.M.T. India Capacity 50 m.m.
Turning Facility, VTL Make Westarn & Bennet U.K. Upto 2000 m.m.
Dia. Turning Facility Make Hi-Tech Lathe India Capacity 4000 m.m.

**AT GEAR-TECH COMPLETE GEARS ARE MACHINED UNDER ONE ROOF WITH STRICT
QUALITY ASSURANCE PLAN**

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FEW OF OUR ESTEEMED CLIENTS

PAPER INDUSTRIES

Bilt Graphics Paper Products Ltd.
Biltube Industries Ltd.
Awade Paper Mills Ltd.
Jijamata Paper Mills Ltd.
Nath Paper Mills

Pune - Maharashtra
Pune - Maharashtra
Ichalkarnagi - Maharashtra
Islampur - Maharashtra
Aurangabad - Maharashtra

PRIVATE SUGAR FACTORYS WITH CO-GENERATION PLANTS

VENKATESHWARA POWER PROJECT LTD	A/P - BEDKIHAL	DIST. - BELGAUM
UGAR SUGAR WORKS LTD.	A/P - UGARKHURAD	DIST. - BELGAUM
SATISH SUGARS LTD	A/P - GOKAK	DIST. - BELGAUM
NIRANI SUGARS LTD	A/P - MUDHOL	DIST. - BAGALKOT
RENUKA SUGARS LTD	A/P - MANOLI	DIST. - BELGAUM
GEM SUGARS LTD.	A/P - KUNDARGI	DIST. - BAGALKOT
GODAWARI SUGARS LTD.	A/P - SAMEERWADI	DIST. - BAGALKOT
VISHWANATH SUGARS LTD	A/P - BEDKIHAL	DIST. - BELGAUM
GMR SUGARS LTD.	A/P - SANKILI	DIST. - KONNUR

CO - OPRATIVE SECTOR SUGAR FACTORIED

JAWAHAR SSK LTD.	A/P - HUPARI	DIST. - KOLHAPUR
NANDI SSK LTD.	A/P - KRISHNANAGAR	DIST. - BAGALKOT
SHREE DODHGANGA SSK LTD.	A/P -CHICODI	DIST. - BELGAUM
VITHAL SSK LTD.	A/P - PANDHARPUR	DIST. - SOLAPUR
RAJARAMBAPU S.S.K. LTD.	A/P - SAKARALE	DIST. - SANGLI

Applications are Steam Turbines, Sugar Mills, G.R.P.F., T.R.P.FS, Cane Carriers, Inter rake carriers, R.B.C. , Graders, & Many more boiling house equipments.

PRIVATE SECTORS

JINDAL SOUTH WEST LTD	BELLARI (INTEGRATED STEEL PLANT)
HOSPET STEEL LTD.	KOPPAL (INTEGRATED STEEL PLANT)
KIRLOSKER FERROUS LTD.	(INTEGRATED STEEL PLANT
BAGLKOT CEMENTS LTD.	(CEMENT PLANT)
HOTAGI CEMENTS LTD.	(CEMENT PLANT)
SHANTIKUNJ SOLVENTS LTD.	(SOLVANT PLANT)
RAJARAM SOLVEX LTD.	(SOLVANT PLANT)
B.M.M. ISPAT LTD	(MINING / STEEL INDUSTRY)
S.B. RESHELLERS / SHANTARAM MACHINRIES	(Sugar Machinery Mfgrs. KOLHAPUR,
CONSOLETED HOIST PVT. LTD.	(LEADING CRANE MANUFACTURER)
SANTEK EQUIPMENTS PVT. LTD	(MATERIAL HANDLING EQUIPMENT)
B.M.M. ISPAT LTD.	(MINING / STEEL INDUSTRY)
KALYANI CARPENTER SPECIAL STEELS LTD.	SPECIALITY ALLOY STEEL PLANT
ISPAT INDUSTRIES LTD	
ZUARI INDUSTRIES LTD	

WE SUPPLY GEARBOXES TO MANY MORE ORIGINAL EQUIPMENT MANUFACTURERS FOR VARIOUS FIELDS LIKE PAPER,STEEL, CEMENT, SUGAR, FOOD, MATERIAL HANDLING, CRANES, WIND TURBINES ETC.