GSL Spares

an ISO 9001 : 2000 Certified Co.

## Goela Engineers (Overseas)


**Office**
3B, Goela Lane, Under Hill Road,
Civil Lines, Delhi- 110 054 (INDIA)
Tel. : +91-9810645100
Fax : +91-11-23968832

**Factory**
F-1039, RIICO Indl. Area, Bhiwadi,
Distt. Alwar, Rajasthan (INDIA)
e-mail : info@gsltractorspares.com


www.gsltractorspares.com

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# Goela Engineers (Overseas)

# Wide Range of High Quality

## Components for Tractor, Automobile & Machinery applications

COMPANY PROFILE

# Goela Engineers (Overseas)

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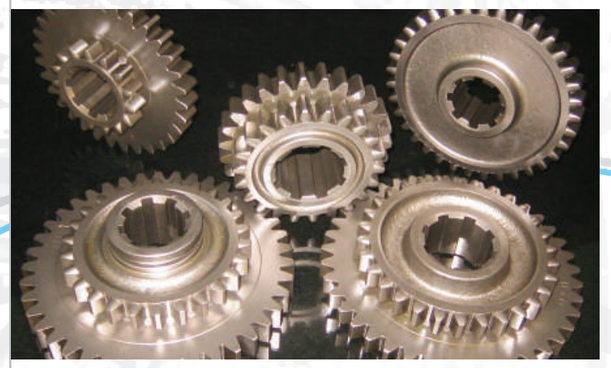
We the proud members of GOELA Company shall strive vigorously to delight our customers and partners who are our very purpose, by perusing excellence and innovation through committed teamwork. To this end we shall promote continuous learning, achievement orientation and ethical business practices, which makes us shine as a global player in the field of auto components.

## The Company

Strategically based Head Office in New Delhi with manufacturing facility at Bhiwadi Industrial area, Rajasthan, GOELA is pioneer in manufacturing precision auto components for applications in renowned Agricultural Tractors, Machinery, Cars, MUV, LCV, MCV and HCVs. Promoters started modestly in 1973 and over 3 decades of expertise coupled with technical excellence enables the group to support its customer's requirements and deliver the product with impeccable quality at a very competitive cost.

The company's corporate philosophy revolves around the quote; "Quality improvement is not a one time act but it is a never ending process". GOELA is fuelled by realistic ambitions and propelled by acting upon clearly defined action plans. No matter how tough the competition is, no matter how many challenges we face, we stand by our ethics of honesty, integrity and delivering our level best to our customers.



## Our Strengths and Capabilities

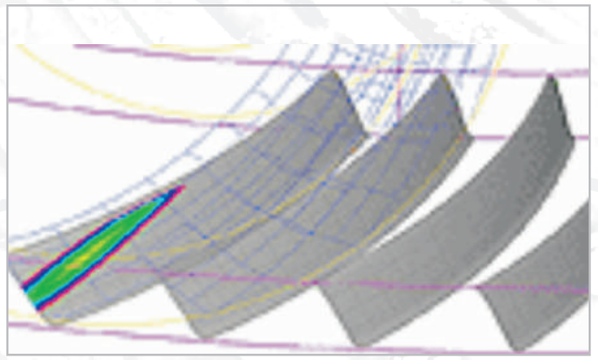
We are dedicated to achieving excellence in our work. ***GOELA COMPANY*** maintains the highest ethical and professional standards and strives to stay on the leading edge in technology, in an ever-changing environment.

While our greatest strength is the ability to understand the client goals, our success is very much attributed to strong teamwork, continuous R&D and the dedication and commitment of each and every member of the GSL family to deliver unsurpassed quality and reliable products & services to the total satisfaction of all our customers.

We believe that our historical success and future prospects are directly related to a combination of strengths, including the following:

- Best 'Speed to Market' in Industry
- Cost efficiency
- World class technology
- Global scale of operations
- Product range and expansion lend scalability to operations
- Comprehensive CAD/CAM/CAE and product development capability
- High Quality, motivated Human Resources

These extensive resources combined with our dedication to the highest professional standards enable us to support a wide range of our clients' business needs.



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Our goal has always been to provide our customers with a "standard of excellence" in our products and services needed in the spare parts world. We take great pride in providing the quality that our esteemed clientele expects from us.

Besides the extensive range that we offer, we can develop items of your specific need, that would match high quality standards and at very reasonable price.

- We receive alloy forgings as per raw material specifications from our approved forge shops.
- Forge shops carry out all desired Metallurgical tests on raw materials to assure that we achieve our physical properties on the finished products.
- Turning is done on CNC machines to achieve consistency on dimensions.
- Gear cutting is carried out under strict control for proper fitment and matching when used.
- Case hardening is done on gas carburizing furnaces to attain uniformity of case hardness and to achieve a tough core.
- Gear sets are shaved or lapped to reduce friction and noise level thus improving life of the product.
- 100% inspection is carried on gears before shipment and duly packed for safe transit.

We HIGHEST POSSIBLE QUALITY believe in standards and make sincere efforts for achieving them.

## uality Management

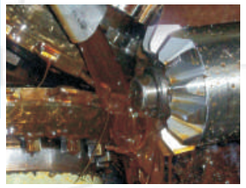
We have vast experience in the competitive field of Gear Production & Exports. With the firm commitment towards quality and reliable services, we slowly moved ahead. Today we are among the leading companies in our sphere of business. We provide our services in Indian Domestic as well as overseas markets.

We have well staff with knowledge of AUTOCAD and PRO-E to keep a strict quality check on parts that leave our company.



## Production Capacity

Our Bhiwadi plant is equipped with state of the art machinery imported from around the world that gives an excellent production and accuracy control.



We have in-house capacity of

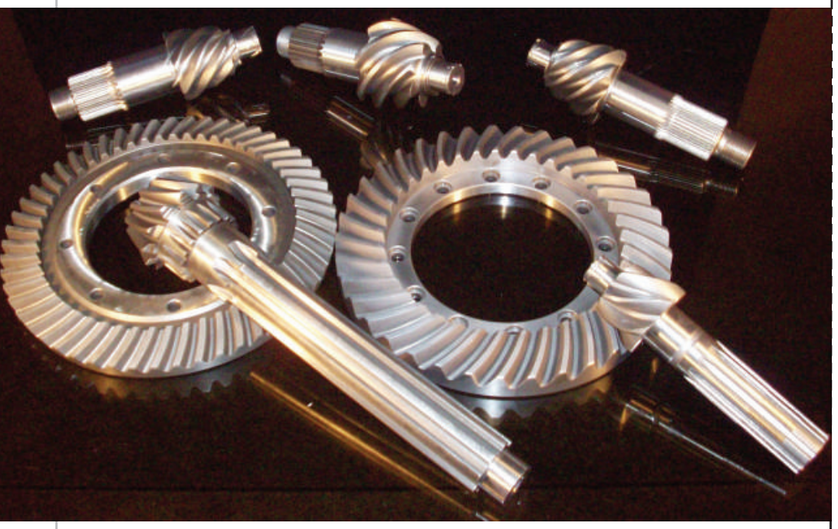
- CNC Turning
- Broaching
- Spiral Bevel Gear Cutting
- Straight Bevel Gear Cutting
- Gear Hobbing, Gear Shaping
- Milling
- Heat Treatment
- Grinding
- Thread Grinding
- Spline Grinding
- Cylindrical Grinding
- Bore Grinding
- Deburing
- Lapping

We can produce Gears with utmost accuracy and quality control all owing to our dedicated work force and top level inspection and testing machines and equipments.

# Products

## Spiral Bevel Gears

(Ring gear pinions or Crown wheel and pinions)



We have developed over 50 different types of spiral bevel gears sets until now for a vide application range from agricultural tractors, trucks, LMVs, HMVs to various other agricultural and industrial machinery.

We have a complete battery of Gleason machines with latest testing facility. All our crown wheel and pinions undergo gas carburizing process to attain the desired core depth and then quenched under sealed conditions to achieve the desired hardness and a stress free core.

We have already successfully developed crown wheel and pinion sets for application in tractors like Massey Ferguson, FORD, ZETOR, UTB, MTZ, EICHER, MAHINDRA, ESCORT, TAFE, HMT, SWARAJ.

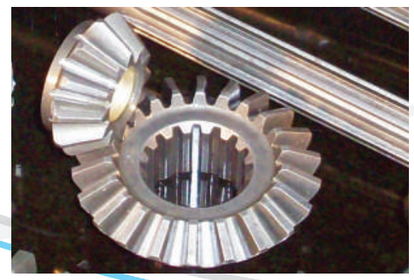
Other than that our long presence in the market has helped us to develop a wide range of components for the export markets.

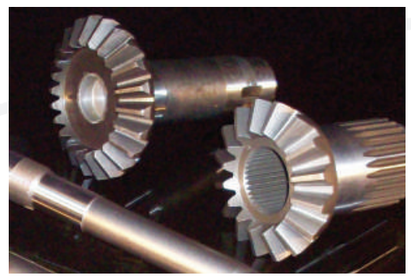
## Straight Bevel Gears

These gears are used in the differential of rear wheel driven vehicles. We can produce these gears upto a diameter of 300 mm. we have the latest coniflex straight bevel gear generators generate these gears. We are also equipped with Gleason Revacycle straight bevel generators for high production of these gears.

We are equipped to take up jobs for customized development and production of spiral and straight bevel gears on the basis of technical drawings and samples.

The company has a hi-tech CAD / CAM facilities manned by experienced engineers. The company has requisite technological expertise to carry out value engineering, Re-Engineering to ensure substantial savings for its customers. The reverse Engineering facilities are also available with the company to ensure compliance with customer's needs and operational parameters





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## Transmission Gears and Shafts

Our expansive presence in the global market is over a long period of time has enabled us to develop a wide range of transmission gears and shafts for a variety of applications including agricultural tractors, cars, trucks and machinery.

Our highly skilled technical staffs inspect and check each and every component that is delivered to the customer for its quality in terms of dimensional parameters, raw material and appearance.

We have capabilities to supply raw steel forgings on basis of drawings. All our forgings are metallurgical tested and normalized to achieve a uniform core and hardness.

## Forgings

Alloy steel, carbon steel and Mild steel forgings.

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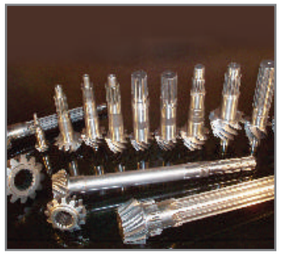
## Agricultural Tractor Parts

We are catering to components businesses for the last 34 years and our expansive exposure to business have enabled to develop expansive range of components keeping in mind that quality is of paramount importance.



Today we proudly manufacture and export a wide range of agricultural tractor parts including : -

1. Transmission gears and shafts
2. Steering shafts and steering gears
3. Engine gears
4. Flywheel ring gears
5. Water pumps
6. Cam shafts
7. Crankshafts
8. Front spindles and axles
9. Front wheel hubs
10. Front wheel rims
11. Pistons and liners
12. Crown wheel and pinions
13. Differential gears (spider gears)
14. Rear axle shafts
15. Hydraulic pumps
16. Hydraulic shafts and arms
17. P.T.O. Shafts

## Components for Automotive Application