

# INGECO TRANSMISSION PRODUCTS

GEARBOXES  
CUSTOM MADE SPEED REDUCERS  
CONVEYOR ROLLERS  
GROUND GEARS  
CONVEYOR BELTS  
TAPER GRIP PULLEYS  
GIRTH GEARS & SPROCKETS  
COUPLINGS



# COMPANY PROFILE

INGECO GEARS PVT LIMITED is an ISO: 9001:2000 certified company and is a well accepted leading manufacturer and Exporter of Premium Quality Power Transmission Products. We are into manufacturing various types of Gear Boxes / Geared Motors / Couplings etc for Crushing Plants & Conveyor Manufacturers in India & Abroad Since last 35 years.

'INGECO' was incorporated in the year 1976 with sole aim of providing quality products in Transmission Sector. Initially, the standard sprocket & gears were the main products and supplying largely to the major Power Plants & O.E.M's in India and abroad.

Further, with our continuous development and technical know how, "INGECO" has designed and developed various types of Reduction Gear Boxes (Speed Reducers). Our success story is led by our robust infrastructure with an advanced manufacturing unit which is equipped with the latest and sophisticated machinery. The plant is laid out in a way that enhances efficiency and productivity of the total manufacturing process. The company is a pioneer and has been a market leader both in terms of new product development and market reach. INGECO has regularly introduced state-of-the-art latest products both for domestic and international markets.

Today the company continues to grow as an aggressive manufacturer of different types of Gearboxes used in various industries like conveying equipment for the aggregate, mining, quarry plants, plastic and rubber machinery, textile machines, mineral industries, cement industries, paper and pulp industries, chemical industries etc. The manufacturing plants are based in Ahmedabad with modern machines for manufacturing world class gear boxes.

## THE NEW PLANT

INGECO's new modern plant is situated in Changodar industrial area of Gujarat's business city Ahmedabad in India. The plant is on a sprawling land of 1,00,000 sq ft with factory area of 11,000 sq ft and office building of 4,500 sq ft. The company has ample vacant space in the premises for expansion and new product development. The Factory building is constructed so as to cater the manufacturing of complex and heavy Gearbox with all the latest gear machinery.

## MACHINERY

INGECO has all the latest Gear and transmission related machineries. Gear Grinding Machines like Hoefler – Germany , Niles- Germany , Csepel-Hungary Hobbers like the Batliboi, Pfauter, WMW, TOS, CNC turning centers DOOSAN- Korea, Machining Centers from DOOSAN – Korea , Gear Testers of MAAG- Zurich, Cylindrical Grinder from HiLIFE, fall under the important machines that the company incorporates.

# INGECO PRODUCTS



### Helical speed reducer with built in bearing housing for single Screw extruders

- IPH series available in 8 sizes suited for upto 120 h.p. & ratio of 12.5:1 & 15: 1
- Developed mainly for single screw plastic & rubber extruders and for blow molding machines



### Geared motors

- Helical and worm geared motors
- Option of different ratios
- For upto 20 kw



### Screw Jacks

- Available from 1 ton to 10 Tons capacity
- Used individually or in set of 2 to 4 gearboxes



### Screw conveyor gearbox

- Applications: Cement batching plants, flyash handling plants, chemical industry etc
- Available in 5:1 ratio and for different screw conveyor diameters
- For upto 15 kw



### Shaft mounted speed reducer

- Available in 10 different sizes from size 'be' to size 'ke'
- Power ratings from 0.25 kw to 70 kw
- Available in five ratios of 5:1,13:1,15:1,20:1 & 25:1
- All gears are of high grade alloy steel
- Aardened and ground helical gear train
- Torque arm and hub covers supplied as standard accessories



### Applications

Conveyor systems in quarry and crushing plants, road construction and mining machines, cement batching plants etc.



### Parallel shaft helical gearbox

- Available for upto 400 Kw
- Ratios of 1.4:1 to 630:1
- Single, double, triple and quadruple stages



### Worm Gearboxes

- Universal mounting and flange mounting options
- Available from size 1" to 12" centers
- Power ratings from 0.25 kw to 70 kw
- Available in ratios of 10:1 to 60:1



### Heli-Bevel Geared Motors IK Series

- Robust Design for heavy duty application
- Available in 6 Sizes
- For upto 35 Kw
- Ratios from 5:1 to 125:1 in double and triple reduction
- Different Mounting positions available



### Parallel Shaft Helical Geared Motors IF Series

- Robust Design for heavy duty application
- Available in 5 Sizes
- For upto 70 Kw
- Ratios from 5:1 to 125:1 in double and triple reduction
- Different Mounting positions available



### Head and tail pulleys

- Rubber lagging of Head drum.
- Customized Pulley as per design
- Available in different diameters and for upto 2000 mm belt width



### Conveyor Spares like Idlers, Return Roller

- 2- roll and 3-roll type troughing idler sets
- Idler Rollers and Return Rollers for belt width of upto 2 mtrs



### Gearbox for roto gravure printing machine

- Specially designed for rotor gravure Printing machine
- Available in 3 ratios
- Forward-reverse option available



### Conveyor Belts

- Local and imported belts available for conveying application in crushing plants
- Option of different grades viz: M24,NN,EP,SHR
- Available for upto 2000 mtrs width
- Upto 8 ply and 20 mm thick



### Taper grip pulleys/custom made pulleys/Taper grip bushes, Hubs and Adaptors

- Standard range of Metric Taper grip Pulleys conforming to ISO standards
- A/SPA,B/SPB,C/SPC,Z/SPZ,D,E AND custom made large pulleys
- Available in various sizes to cater wide range of requirements



### Gear Coupling

- All couplings have a curved tooth profile
- Alloy steel material
- Hardened tooth
- Range of 19 Sizes - power rating from 11.5 kw to 12700 Kw at 100 rpm



### Heavy Girth Gears, Sprockets

- Girth gears and sprockets as per design
- Simplex, Duplex and Triplex Sprockets with Chain



### Ground Gears

- Spur and Helical ground gears as per design
- Designing of gears on latest Gear software
- Profile ground gears upto 10 module
- Diameter upto 800 mm
- Gear Accuracy upto DIN class 5/6



**INGECO**   
The Complete Drive Technology

## WORKS & REGD. OFFICE ADDRESS

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