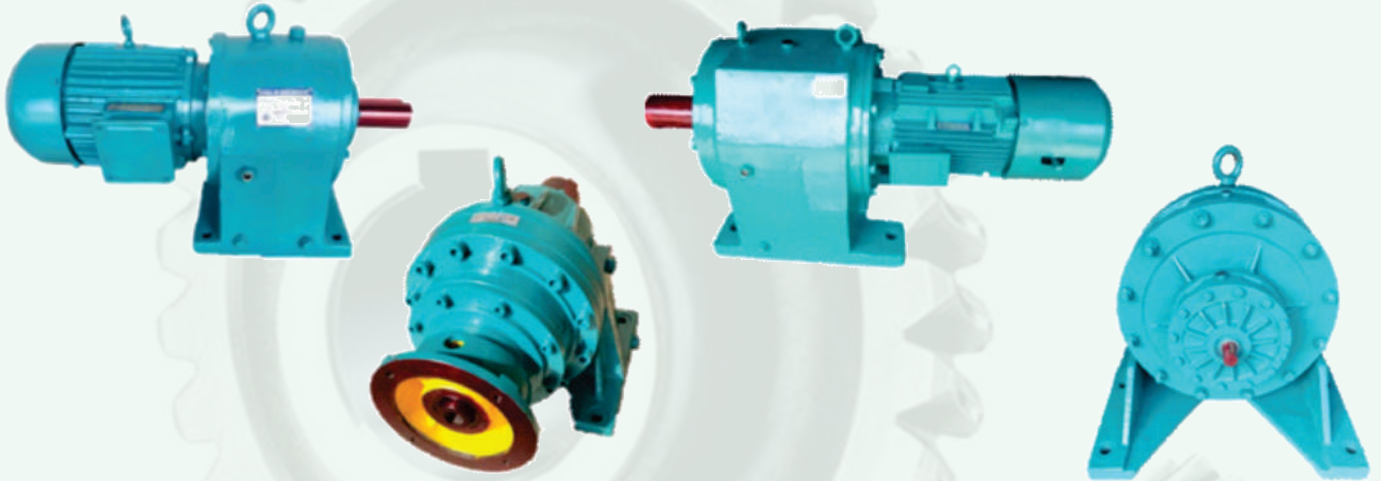
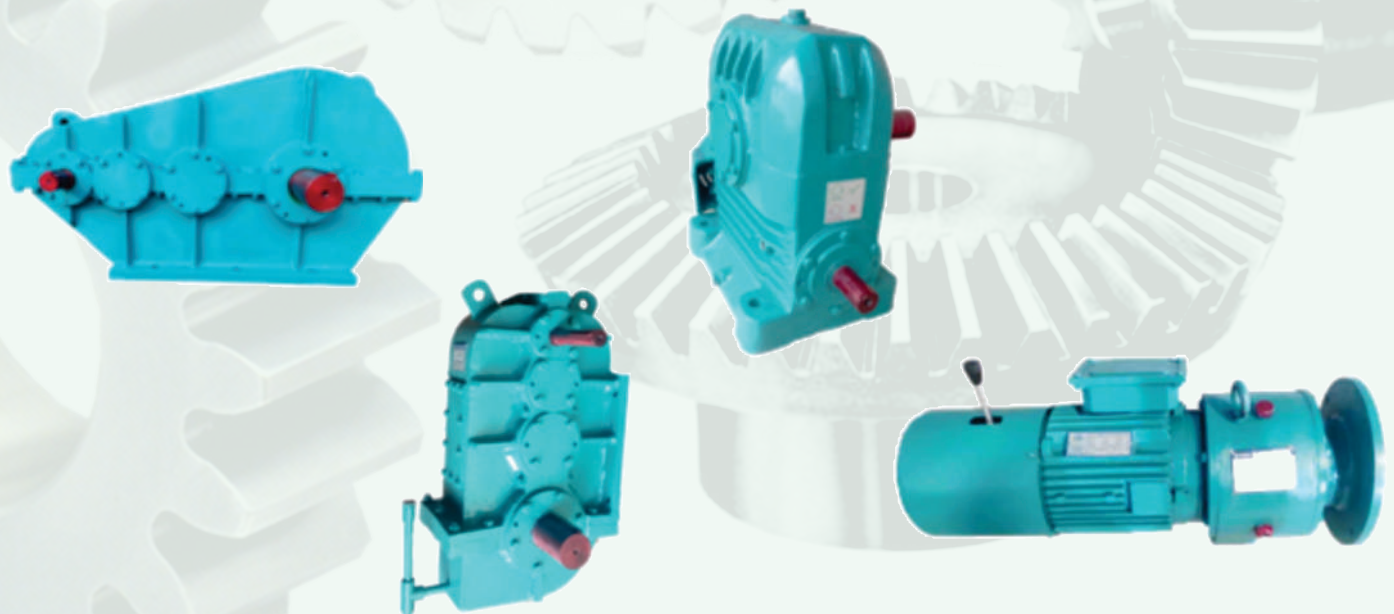


GYROS GEARS INDUSTRIES

**Manufactures of Mechanical &
Electrical Power Transmission, Equipments & Allied Products**

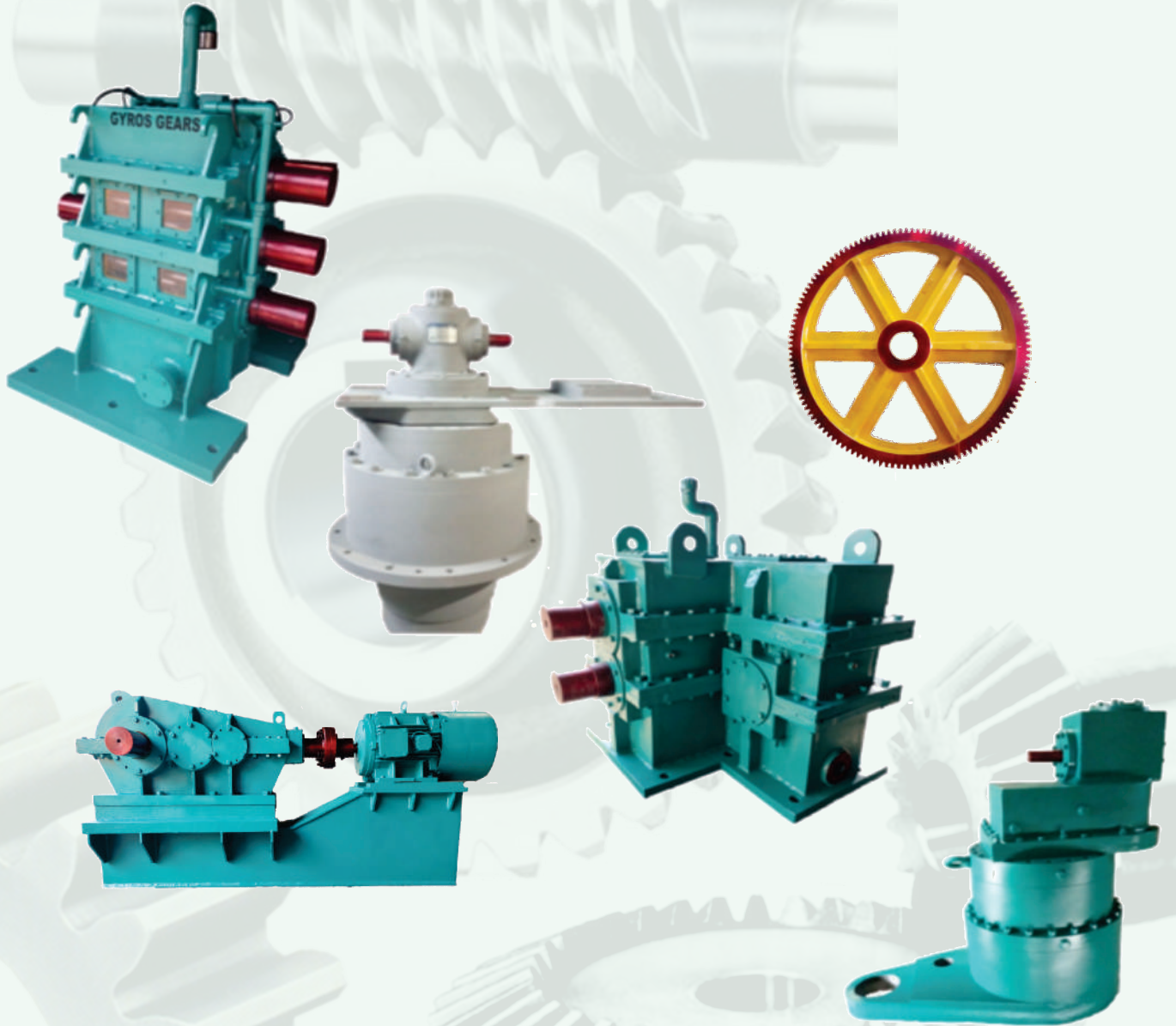


Forward Thinking



GYR^oS

Our Customized Product



GYROS GEARS INDUSTRIES

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GYR⚙️**S**

Forward Thinking. The main Resource.

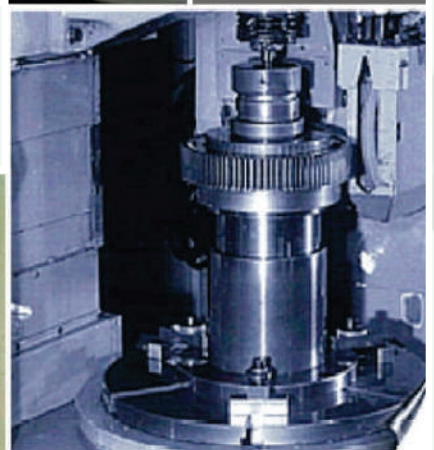
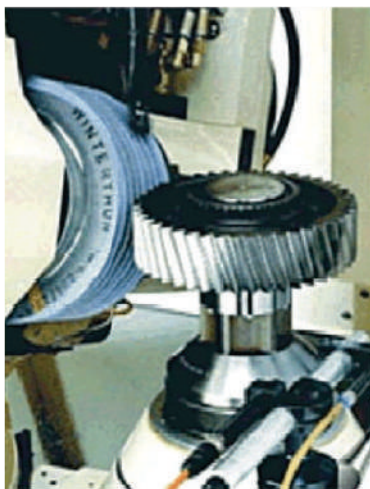
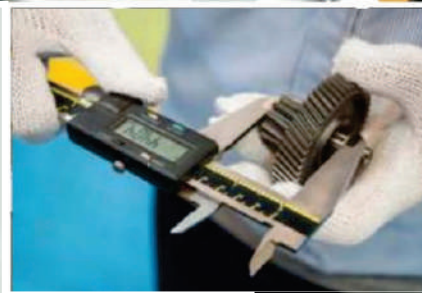
The “Gyros” philosophy is based on the desire to “press toward” the awareness of the need to make constant progress in innovation. Thinking Ahead mean always focusing, in every company activity, on surpassing the present, striving to keep at the Leading edge of technical, and market developments in the power transmission sector.

Gyros Gears is the manufacturer of standard range of gear reducers, gear motor, drum motors, in all types of gearing like Bevel, Helical, Planetary, worm etc.

Technical progress is what our customer expect from us. With this key concept in mind and inline with its own beliefs Gyros Gears is making an original contribution to the fundamental developments in power transmissions.

By providing word Best quality at competitive price this can be achieved through retionalization, rather than compromises.

Gyros has founded its Philosophy on innovation, Product research and development assume pre-eminent importance and are carried out with consant application of the following principles.



PRODUCT OVERVIEW

Planetary Gear Units



- **Model No.:** GPG 01 to GPG 20
 - **Torque Range :**
24 NM to 10,00,000 NM
 - **Ratio Range :**
3.4 to 18,000,0:1
- The Value of the efficiency limited to only the planetary reduction gear, single stage in conditions of average speed & torque, equals to 0.97%-0.98%

Worm Gears Modular Universal Mounting

- **Model No. :** GWG
- **Under driven :** GNU-U
- **Over driven :** GNU-O
- **Vertical output shaft :** GNU-V
- **up/down**
- **Hollow output shaft :** GNU-SM
- **Sizes :** 1s/8' 1s/4' 2, 21/2', 3, 3 1/2' 4, 5, 6, 7, 8, 9, 10.5
- **Ratio :** Min. 5 : 1 to Max. 70 : 1
- **Power Capacity :** 139 kw

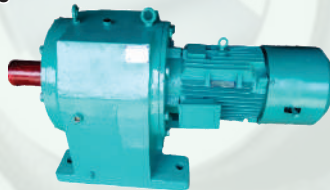


Inline Helical Gear motors

- **Model No. :** GHGM-01 to GHGM-20

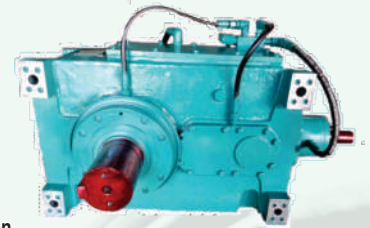
Inline Helical geared motors are available in all types of construction like foot mounted, Flange mounted, foot cum flange mounted and Agitator type.

- **KW Range :** 0.11 KW to 110 KW
- **Ratio Range :** 2.5 to 5000



Bevel Helical Geared Box/Geared Motor

- **Model :** GBHG
- **Reduction Ratio :** up to 345
- The bevel helical gear units are available in foot mounted construction with single or double output shaft. bevel helical gear units are also available in shaft mounted design with hollow output shaft, All are case hardened & the tooth profiles are ground the helical sets & lapped for bevel set
- This type of gear combination results in very low noise level
- Bevel helical solid shaft / hollow shaft geared motors / reducers a available in flange mount construction.
- **Manufacturing Range :** 0.33 to 40 HP
- **Output Speed :** 0.40 to 176 RPM



Worm Gears Double Reduction Units (Worm/Worm)

- Model No. :** GDWG
- Under driven :** GNU-UD
- Over driven :** GNU-OD
- Vertical output shaft :** GNU-VD up/down up-down
- Hollow output shaft :** GNU-SMD
- Sizes**
1s/4/30, 2s/4/40, 2s/4/50
3/60, 3/70, 4/80, 4/90, 5/105
- Ratio**
Min. 75 : 1 to Max. 4900 : 1
- Power Capacity**
55 KW



Bevel Gear Box

- **Model No. :** GBG
- **1 : 1 to 5:1 ratios in 7 different sizes**
- **Power :** 1.1 KW to 550 KW



Parallel Shaft Helical gear boxes

- Model No. :** GPHG
- Range :** 12 KW to 5000 KW
- Ration Range :** 1.5 to 125
- Parallel Shaft Helical Gearbox made from high grade alloy steel pinion and gears En353, 17 CrNiMo6, 18CrNiMo6



PRODUCT OVERVIEW



Aerator Drive gear boxes

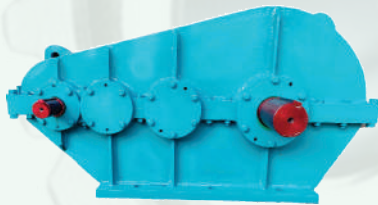
- **Model No. : GADG**
- Parallel Shaft Vertical gear drives in triple reduction are intended to satisfy characteristic requirements & conditions encountered in Aerator application.
- Sizes from 112 to 250 with ratio range of 25.6 : 1 42.5 : 1 in triple stage reduction.
- Aerator Drives with essential features like unicast case, 3-point mounting, pump less lubrication & dry well arrangement.

Heli worm Geared Motor with solid Shaft/Hollow Shaft

- **Model No. : GHWGM**
- Manufacturing rang - 0.16 to 30 HP
- Output speed - 2.80 to 188 RPM
- Redcutio Ratio upto 26
- Heli worm solid shaft geared motors / reducers are also available flange mount construction.



Crane Duty Helical Gear Box



- **Model No. : GCDHG**
- Mounting position - Horizontal, Vertical or Inverted
- Case hardened and ground gear with profile correction for optimum load carrying capacity.
- Splash lubricated gear and bearing are standard. Forced lubrication by built built-on or motor driven pump is optional
- Range : 12 KW to 5000 KW
- Crane Duty Helical Gearbox made from high grade alloy steel pinion and gears En353, 17 CrNiMo6, 18CrNiMo6

Stirrer Duty Gear Box



- **Model No. : GSDG**
- **Range : 2" to 17"**
- **Ratio Range : 5 : 1 to 4900 : 1**
- Gyros Make stirrer duty gear units are with standard V type, including gear case and major components are common, gives complete interchangeability.
- Compare with standard V type, the medium duty gear units are with additional roller bearing and high tensile steel shaft, withstand high loads imposed during mixing.

GAL Worm Gear Box

- **Model No. : GAWG**
- **Ratio Range : 5 : 1 to 70 : 1**
- Gyros make the worm gear reducers come in sizes as 63,83 and 100 mm, center distance. available Mono block housing for sizes up to 1 and split housing to
- Worm shaft made from 20MnCr5
- Worm wheel made from PB2
- **Advantages :** Light weight • Rigidity • No Oil Leakage • No Shims
- Ease of essembly/disassembly • Solid 6 mounting poisitons possible without
- need of any accessories • Hollow input shaft with motor flange and hollow output shaft as standard.
- No cast iron centres used in worm Wheels.



Series "GF"

- **Model No. : GFG**
- **Ration Range : 3.5 : 1 to 200 : 1**
- GFG Series Gear box are suitable for power range 0.75 KW to 55 KW
- GFG Series Gear box are available in three designs.
(1) Shaft Mounted Design (2) Flange Mounted Design
(3) Foot Mouted Design
- GFG Series Gear box are avaiable GFG-01 to GFG-20 Series.



PRODUCT OVERVIEW

Helical Shaft Mounted Speed Reducer

Model No. : GHSMG

- Gyros Make Speed Reducer is manufactured in eight gear case sizes, designated by the letters B through to J. The eight sizes may have any one of three nominal gear ratios, 5:1, 13:1 and 20:1.
- A very wide choice of final driven speed can be determined by the use of an appropriate input V-Belt drive. The units will normally be oil lubricated, but they are equally suitable for "lubricated for life" greases.



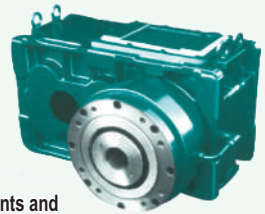
Exturder Helical Gear Box

● **Model No. : GEHG**

● **KW Range : 5.5 KW to 275 KW**

Gyros Make exturder Gearboxes in Single and double reduction parallel Shaft horizontal and vertical models are intended to satisfy characteristic requirements and conditions encountered in single screw extrusion process.

- The gear units are quite capable to transmit the high torque required for pressurizing and plasticising moulding materials.



Cyclodial Gear Box

● **Model No. : GCG**

- Gyros Make Cyclodial Gear Box Having range GCG-01 to GCG-20 having reduction Ratio range 9:1 to 43,645:1 are available for 3-stages.
 - Competitive design High-Reliability,
 - Long life & Low maintenance.
 - High-Shock load Capacity suitable for start-stop application.
- KW range from 0.11kw to 110kw



Quarter Turn Gear Box for Operating Valve

● **Model No. : GQTG**

● **Ratio Range : 5 : 1 to 4900 : 1**

● **KW range : 1.5 KW to 5000 KW**



Screw Jack

● **Model No. : GSJ**

- Gyros Make Screw Jack Design to lift material having capacity from 0.25 Ton to 200 Ton
- It has two model one is manual & another one is motorized having higher efficiency allowing duty & working temp. & improved Mounting arrangement up right & Inverted Position.
 - Available In Comprehensive Range GSJ-0.25 to GSJ-200



Drum Motor

● **Model No. : GDM**

Drum motor is made from Seamless pipe and inner side of pipe is consist of electric motor and Gear Box section.

- Drum Motor consist of Mainly Electric Motor with Gear Box.
- Rotating Drum Motor is mounted on shaft with Bearing & Both the shaft I/P & O/P are fixed and only Drum Side is Rotating.
- Motor is F-class & Drum Motor is Designed for IP65 Protection. Drum Motor Model Starts For GGDM90 to GGDM 800
- Reduction Ratio form 9 to 400



Rack & Pinion

● **Model No. : GRAP**

Range : 1.5 module to 24 module

- We do make customized Rack & Pinion duly Heat treated & Pinion Ground
- We do supply Rack other than Alloy Steel Materials like Nylon, Teflon

