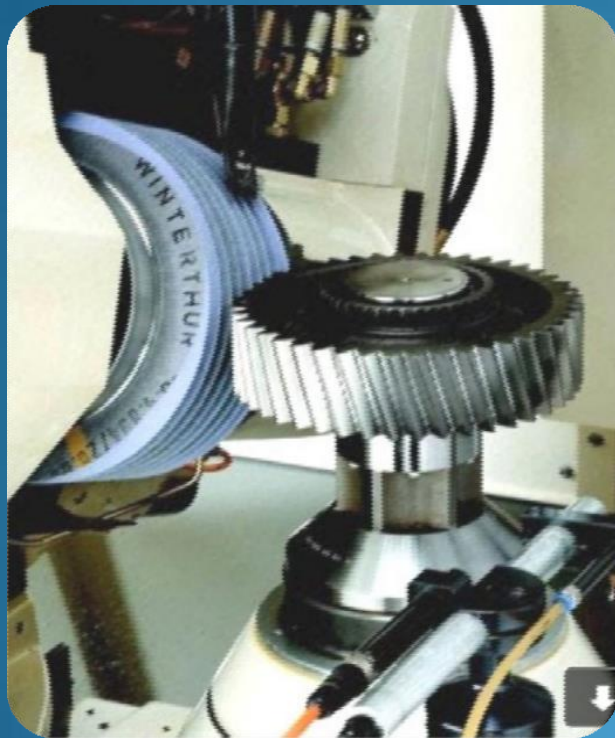


Contact : 9810003710  
9810414400



**SOKHI HELI-WOM GEARS (P) LTD**



**Industrial & Automotive  
Gears and Gearboxes Manufacturer**

**Address :** 61/21-25, Site IV, Sahibabad Industrial  
Area ,Ghaziabad - 201010, Uttar Pradesh, India



## **Corporate Info**

Sokhi Heli-Wom Gears has world-class capabilities in design, development, production capacities and marketing of high quality industrial gears and power transmission products including internal and external precision Spur and Helical gears, spline gears and Shafts to the highest specifications, with proven performance in diverse industries across the globe. An accent on quality combined with ongoing research and development has given us an international reputation for excellence. Consequently, we are today one of the fastest growing company in this industry. Despite this growth, we ensure that our customers receive due attention, with higher quality products and scheduled deliveries.

As a customer focus & technology driven organization we offer quality products & follow fair minded business practices for the good of all customers. By updating technology & infrastructure, we have continued to Deliver the best products at the most economic prices & ensure prompt delivery to our customers. Our gears & gear boxes are widely available under the brand name "**CRESCENT**". Maintaining the pace with time, we have carved a niche for ourselves within the industry globally.



## OUR STANDARD PRODUCTS

WORM REDUCTION GEAR BOX

HELICAL GEARBOX

EXTRUDER GEARBOX

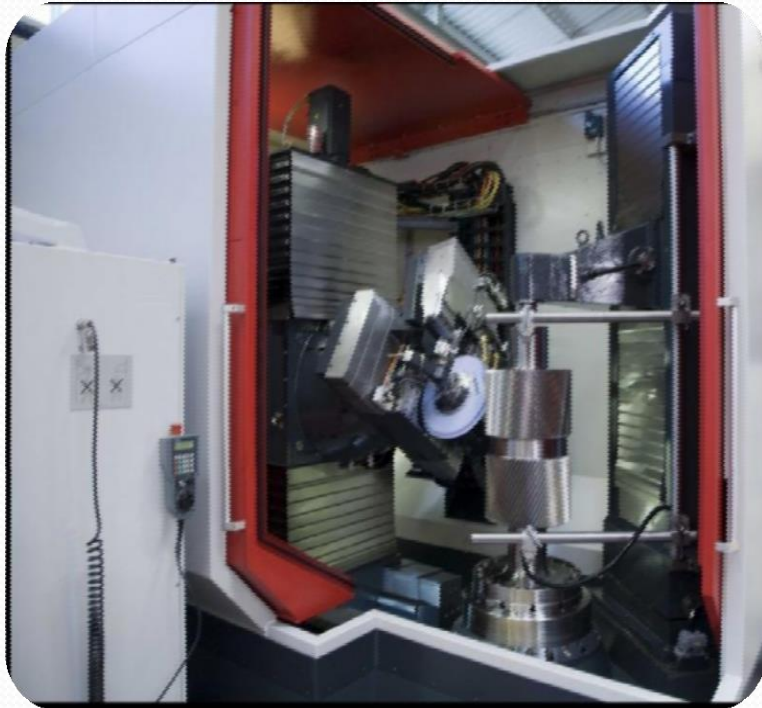
CRANEDUTY GEAR BOX

GEARED HEAD

F SERIES GEAR BOX

CUSTOMISED GEAR BOXES

LOOSE GEARS



| LIST OF MACHINES      |   |                         |      |
|-----------------------|---|-------------------------|------|
| S.NO                  | DESCRIPTION OF MACHINES   | MAKE                    | QTY. |
| GEAR CUTTING SECTION  |   |                         |      |
| 1                     | Gear Hobbing (Module range-2-12) (Dia. Range -50mm-800mm)         | PFAUTER                 | 2    |
| 2                     | Gear Hobbing , Dia-500mm  | LIEBHERR                | 2    |
| 3                     | Gear Hobbing FO-10 (Module range- 2-12) (Dia. Range - 50mm-800mm) | TOS                     | 1    |
| 4                     | Gear Hobbing (FO-6) Dia-600mm, 6M                                 | TOS                     | 1    |
| 5                     | Gear Hobbing , Dia-300mm  | 207_Dt.19-12-2016LORENZ | 2    |
| 6                     | CNC Gear Hobber 1M -7M  | LIEBHER LC282           | 1    |
| 7                     | Gear Shaper SN-4  | LORENZE/TOS             | 3    |
| 8                     | Thread Milling  | WANDERER                | 4    |
| GEAR GRINDING SECTION |   |                         |      |
| 9                     | CNC Gear Grinder  | HOFLER Rapid 800        | 1    |
| 10                    | CNC Gear Grinder  | REISHAUER(RZ-362A)      | 2    |
| 11                    | Gear Grinder  | REISHAUER (ZB)          | 1    |
| 12                    | Gear Grinder  | REISHAUER (NZA)         | 3    |
| 13                    | Gear Grinder  | REISHAUER (AM)          | 1    |



| Worm Grinding Section |                                |                |   |
|-----------------------|--------------------------------|----------------|---|
| 14                    | Worm Grinder                   | KLINGENBERG    | 2 |
| CNC SECTION           |                                |                |   |
| 15                    | HMC- 500 X 500 mm              | MAZAK          | 1 |
| 16                    | HMC-500 X 500 mm               | MITSUMI SEIKI  | 3 |
| 17                    | HMC-1250 X 1250 mm             | WMW            | 1 |
| 18                    | HMC-1450 X 1500 mm             | WOTAN RAPID I  | 1 |
| 19                    | HMC 650 X650                   | Heller         | 1 |
| 20                    | VMC- 1000mm X 400mm            | MATSUURA       | 1 |
| 21                    | VMC- 1000mm X 500mm            | KIYA           | 1 |
| 22                    | VMC- 1000mm X 500mm            | LEADWELL       | 1 |
| 23                    | VMC- 1800 X900X900             | MAKINO         | 1 |
| 24                    | VMC-1000X500X500               | MORIE SEIKI    | 1 |
| 25                    | VMC-2000X1000X1000             | VIPER          | 1 |
| 26                    | CNC KEYWAY MILLING VMC-600X400 | CABER          | 2 |
| 27                    | CNC Turning-1250 mm            | WMW            | 1 |
| 28                    | CNC Turning- 600 mm            | JYOTI TURNMILL | 1 |
| 29                    | CNC Turning 1000mm             | JYOTI          | 1 |
| 30                    | Turn Mill Center               | DAEWOO         | 1 |
| 31                    | CNC Internal Grinding Machine  | NOVA           | 1 |
| 32                    | CNC Grinding Machine           | DAEWOO         | 1 |



















# **Selection Criteria for Standard Gearboxes**

**Following basic parameters are needed for the Selection of the Gear box:-**

- **Type of Gearbox (Parallel / Right angle) Motor KW / Consumed power**
- **Input speed**
- **Output speed**
- **Nature of application**
- **OHL / Axial Thrust (if any)**
- **Duty hours**
- **Ambient temp**
- **Dynamic return torque, in case of Hold back requirement.**
- **Installation drawing of drive arrangement, increase of special mounting arrangement**



# **Selection Criteria for Standard Gearboxes**

## **Computation of Application factor & Mechanical Rating Requirement:-**

- **Application**
- **Nature of load**
- **Duty hours**
- **Frequency of Start and stop**

## **Thermal rating:-**

- **Fan cooling**
- **Cooling coil**
- **Lubrication oil system**

## **Starting torque condition**

- **Peak load bending stress « allow. Yield Strength of material**





# **Selection Criteria for Standard Gearboxes**

**Strength & Rigidity of the shaft , incese of OHL application.**

**Hold back capacity**

**Evaluation of bearing life**

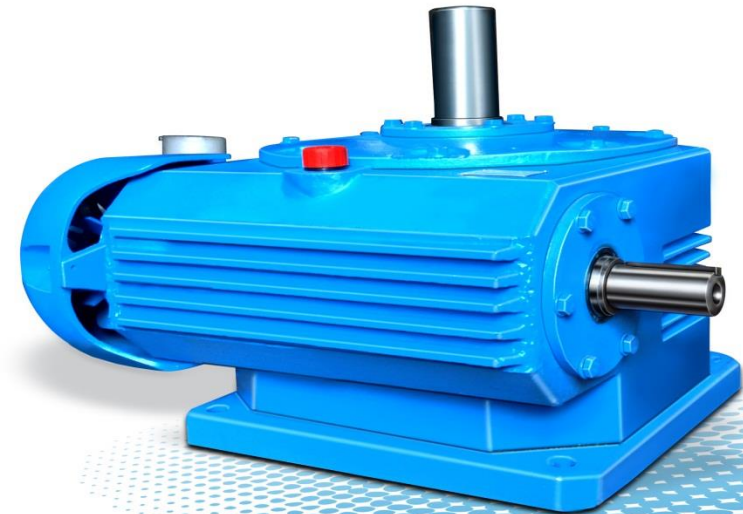


# WORM REDUCTION GEARBOX

**CRESCENT**



**CRESCENT**

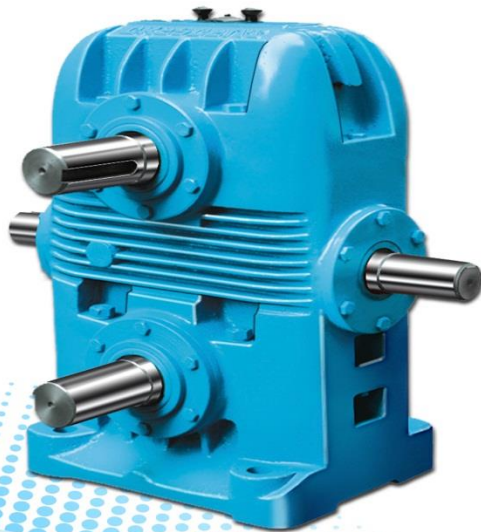






# STANDARD GEARBOX

CRESCENT



CRESCENT



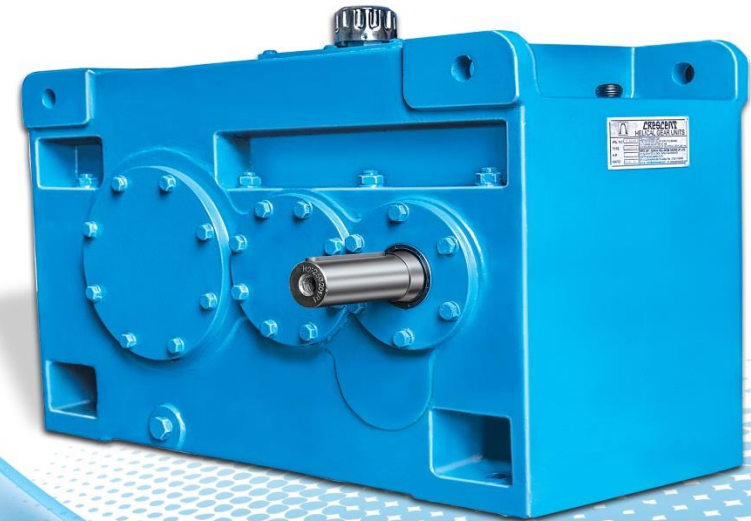


# STANDARD GEARBOX

**CRESCENT**



**CRESCENT**

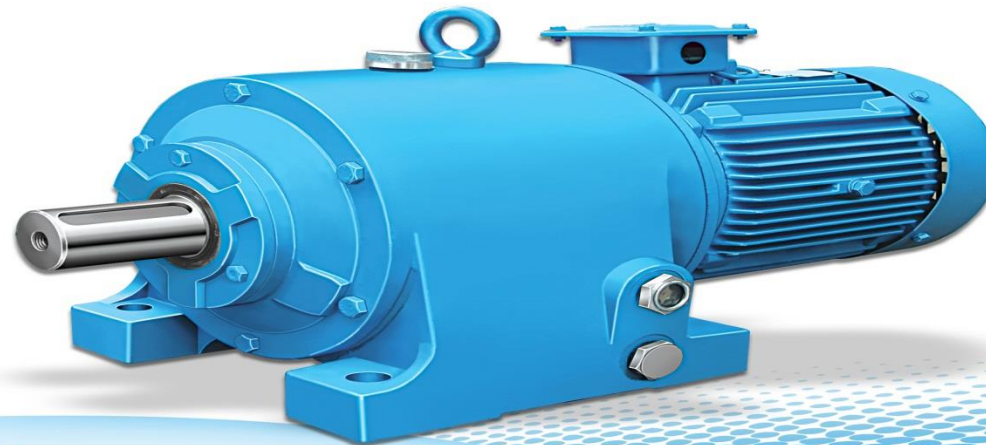






# GEARED HEAD

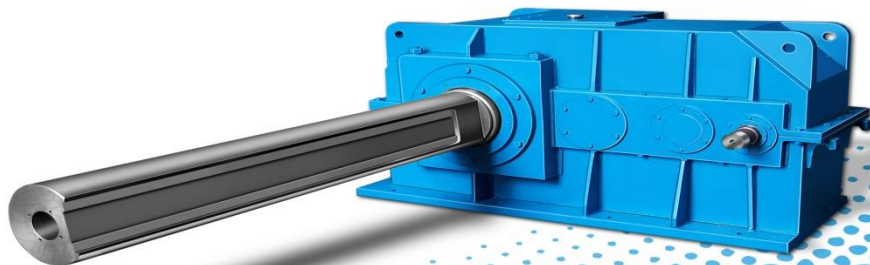
**CRESCENT**



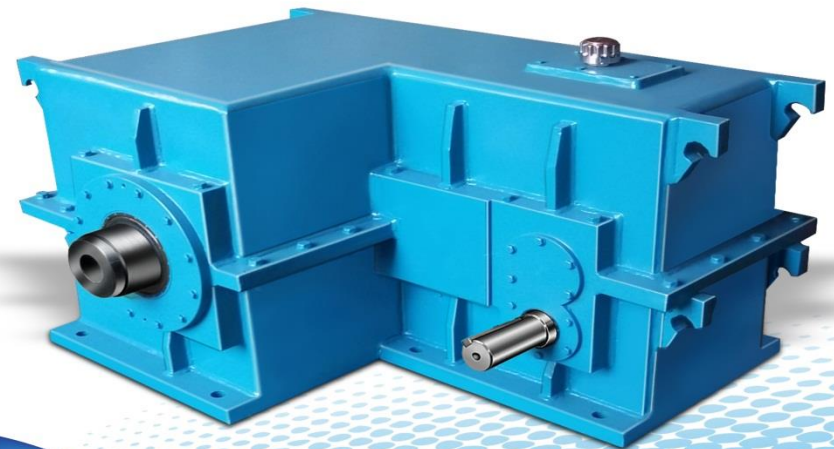


# CUSTOMISED HELICAL GEARBOX

**CRESCENT**



**CRESCENT**

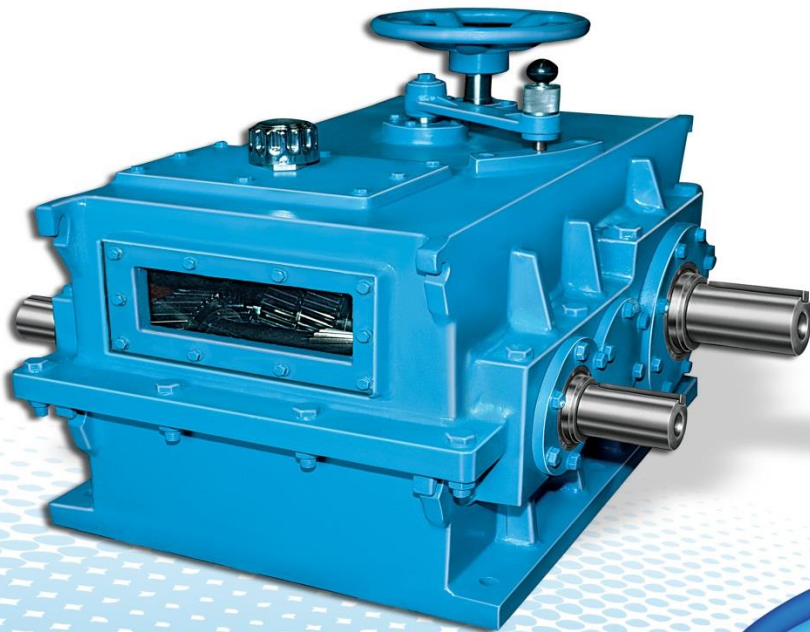




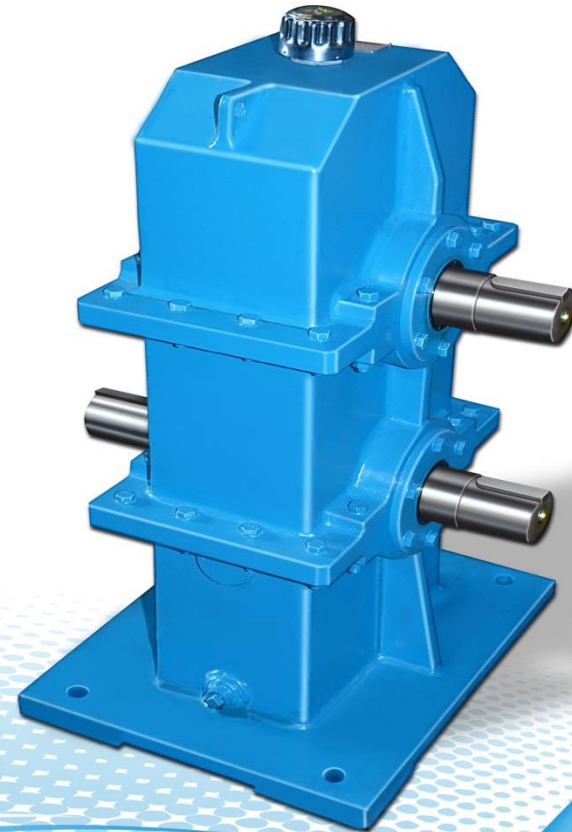


# CUSTOMISED HELICAL GEARBOX

CRESCENT



CRESCENT







# CUSTOMISED HELICAL GEARBOX

*CRESCENT*

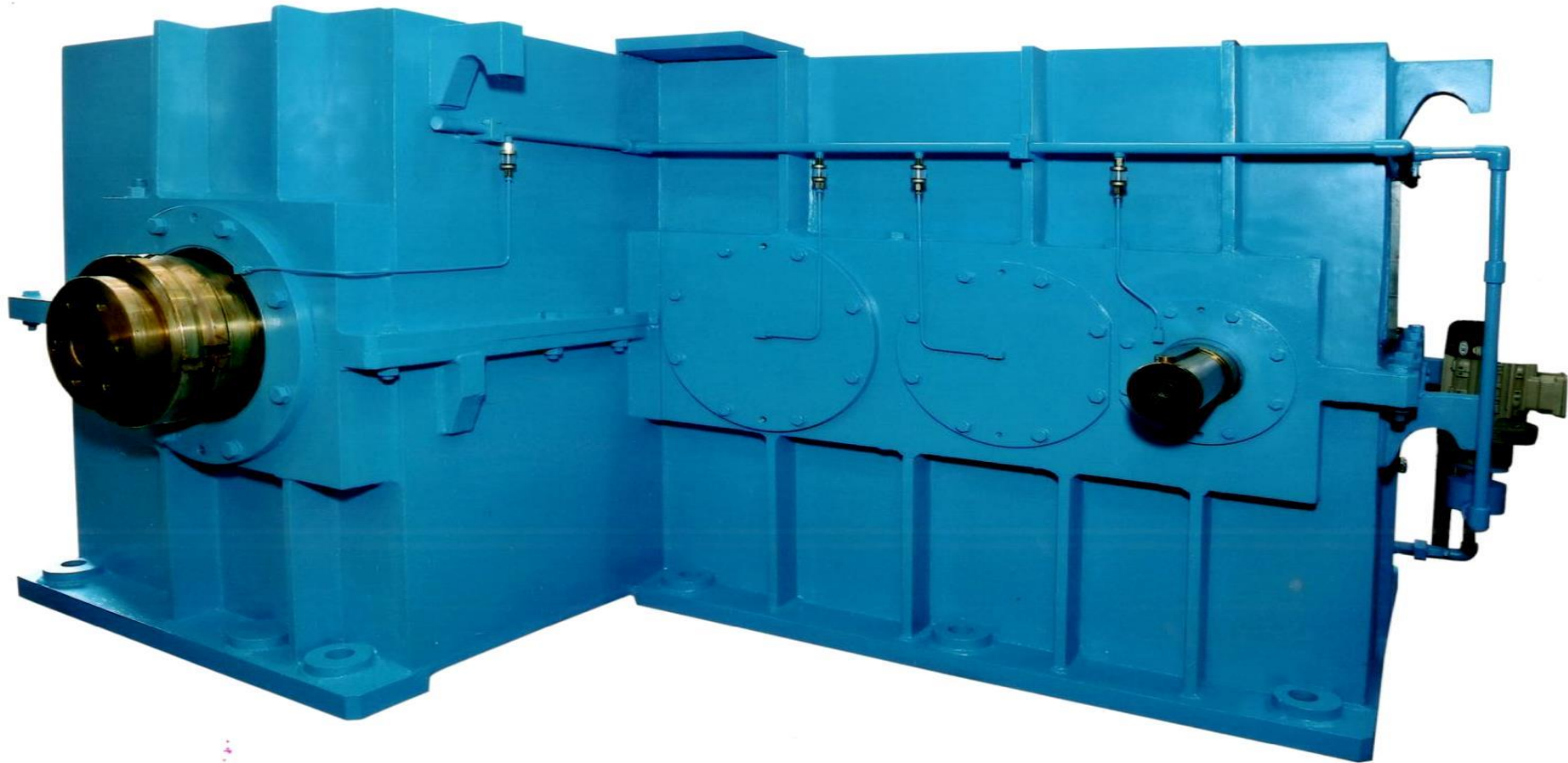


*CRESCENT*





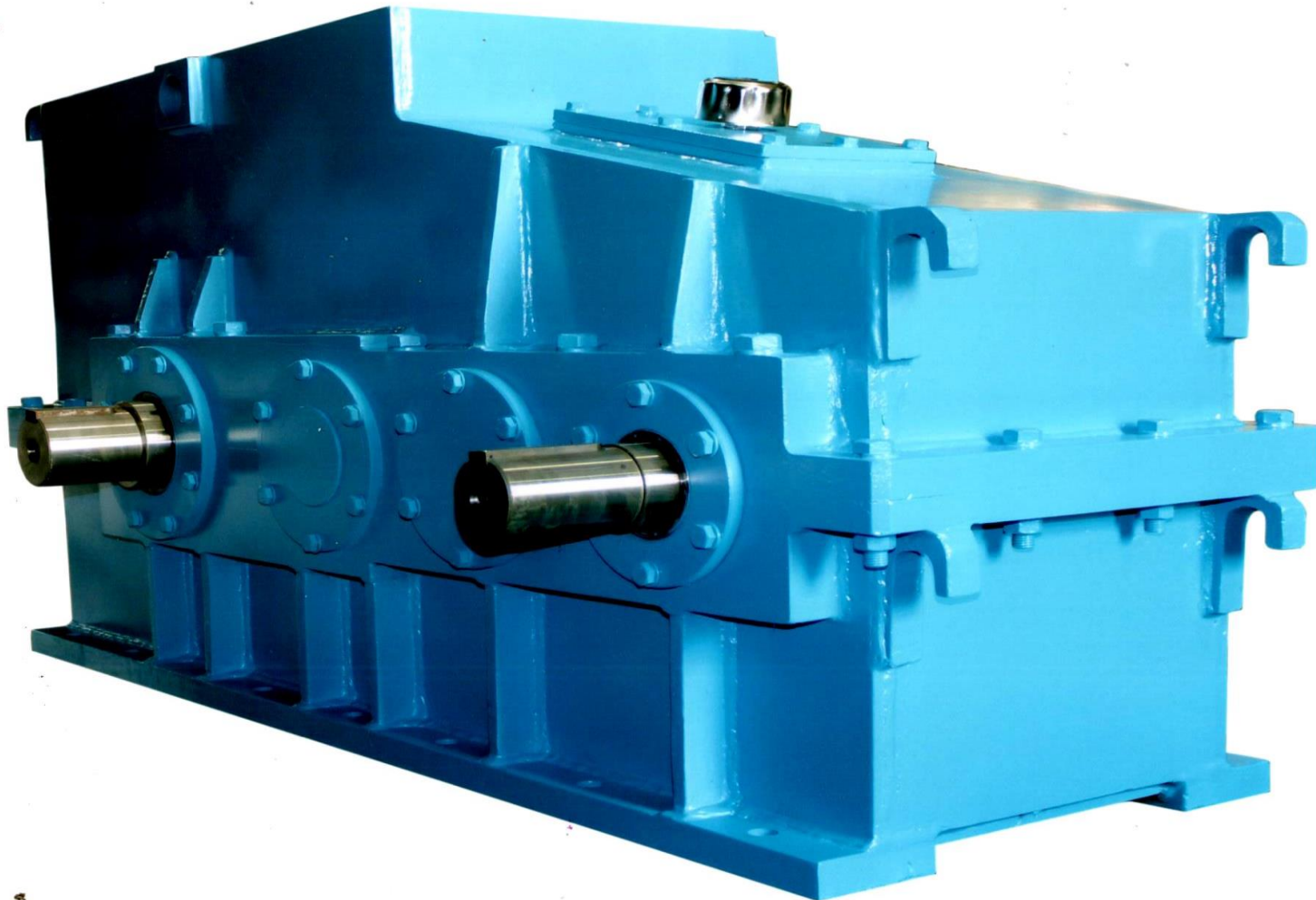
# CUSTOMISED HELICAL GEARBOX







# CUSTOMISED HELICAL GEARBOX







Sokhi Heli-Wom Gears specializes in the design, development, production and marketing of high quality Crescent industrial and Automobile gears and power transmission products, to the highest specifications, with proven performance in diverse industries across the globe.



Our gears & gear boxes are widely available under the brand name "CRESCENT".

Maintaining the pace with time, we have carved a niche for ourselves within the industry globally.

We are a leader in the manufacture of power transmission product i.e., gears for varied industries and have consistently spearheaded significant new developments in this field.





Our global operations are structured to respond to the requirements of our customers. With our years of industry experience & expertise we relentlessly cater to a wide cross section of industries. Our products are extensively applied in: Auto Industries Agitator, Blowers , Brewing & Distilling, Can filling machines, Conveyors uniformly, Cranes, Extruders, Lumber industry, Hammer mills

## Application Areas

Our global operations are structured to respond to the requirements of our customers. As our customers represent a wide range of global industries, we have flexibility to design, engineer and develop products and services to meet varying application & industrial requirements of our clients. With our years of industry experience & expertise we relentlessly cater to a wide cross section of industries.

Our products are extensively applied in :

|                             |                               |                                 |
|-----------------------------|-------------------------------|---------------------------------|
| <b>Agitator</b>             | <b>Blowers</b>                | <b>Brewing &amp; Distilling</b> |
| <b>Can filling machines</b> | <b>Clay working machinery</b> | <b>Compressors</b>              |
| <b>Conveyors uniformly</b>  | <b>Cranes</b>                 | <b>Dredges</b>                  |
| <b>Dry rock cranes</b>      | <b>Elevators</b>              | <b>Fans</b>                     |
| <b>Feeders</b>              | <b>Food industry</b>          | <b>Hammer mills</b>             |
| <b>Laundry washers</b>      | <b>Laundry tumblers</b>       | <b>Line shafts</b>              |
| <b>Lumber industry</b>      | <b>Extruders</b>              |                                 |



THANKS FOR SPENDING YOUR QUALITY TIME WITH US.

For more information send your query to [sokhi@gearboxindia.com](mailto:sokhi@gearboxindia.com)  
Or visit <http://www.gearboxindia.com>

