

KAVITSU

Excellence In Gear Technology



PRODUCT CATALOGUE

➤ Planetary Drives ➤ Slew Bearings ➤ Helical Drives ➤ Worm Drives ➤ Bevel Drives ➤ Solar Track Drives

www.kavitsu.in

Kavitsu Transmissions Pvt.Ltd.

This Company is in to manufacturing of heavy and medium duty planetary and helical gearboxes. The maximum capacity for the manufacturing is 1000KW for both planetary and Helical. Bevel gears are used in combination of both as per the customers demands. The other products that are manufactured here are screw jacks, combination bearings, herringbone gearboxes, crane duty gearboxes, etc. The major industries which KTPL caters to are Sugar industries, Steel industries, Cement industries, Water treatment plants, Wood cutting machinery manufactures, etc.

Kavitsu Automations

Kavitsu Automation is into manufacturing of small sized planetary gearboxes. These generally go into printing machinery, pulp and juice manufacturing machinery, conveyor Wood pilling applications. The manufacturing capability of KA is approximately 1000 gearboxes per month we also manufacture 3 phase squirrel cage induction motors since 2005 from 63 Fs to 160 Fs i.e. 0.25 hp to 15 hp.

We have our dedicated heat treatment facility. All the in-house raw materials and components are heat treated here. This gives us total control over the quality of the hardness of raw materials. We not only provide solutions for the enquiries we receive, we also send our engineers to the site in order to understand the requirement of the customer.

Kavitsu Robotronix Pvt.Ltd.

KRPL is into manufacturing of heavy, medium and small slew ring bearings. IT is the only leading Indian manufacturer of slew bearings, who has managed to develop everything from scratch, without taking any technological knowhow from any MNC. The maximum manufacturing capacity is 3200mm. All types of slew ring bearings, viz. single row ball, double row ball, three row roller, cross roller slew bearings are manufactured in here. The prominent areas where Kavitsu slew bearings are used are construction equipment, port cranes, tower cranes, special purpose machinery, etc.

Customer is our priority! We will be looking forward on having healthy business relations with your company in the coming future.

Corporate Values

- CUSTOMER SATISFACTION
- COMMITMENT TO TOTAL QUALITY
- COST AND TIME CONSCIOUSNESS
- INNOVATION AND CREATIVITY
- TRUST AND TEAM SPIRIT
- RESPECT FOR THE INDIVIDUAL
- INTEGRITY

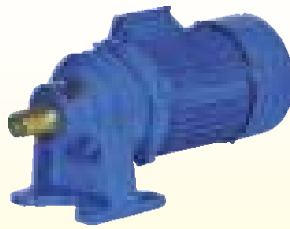
Sugar Mill Drive



Power : 75 Hp to 500 Hp
Torque : 200 KNm To 2000 KNm
Ratio : 137.14 To 320

- Square end shaft & maximum load distribution.
- Rigid foot mounting Construction.
- High ratio for torque transmission.

Planetary Geared motors



Power : 0.25 HP To 10HP
Torque : 20 Nm to 10000 Nm
Ratio : 3.17 To 15000

- Squirrel Cage induction motor with IEC.
- Available in foot, flange & agitator.
- Can be operated by electric and hydraulic motors.

Parallel Shaft Helical



Power : 5 HP To 200 HP
Torque : 500 Nm To 1500 KNm
Ratio : 2 To 350

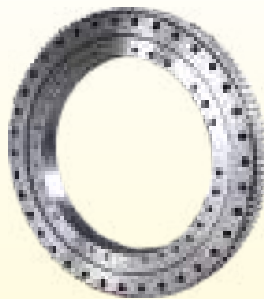
- Used for Hoist applicaiton.
- Splite type housing with M.S.Fabricate.
- Available in combination of planetary and bevel.
- Low noise level of operation.

Clarifier Drive



- Used in Water treatment plant.
- Soft and raw water treatment plant.
- Capacity up to 50 meters.

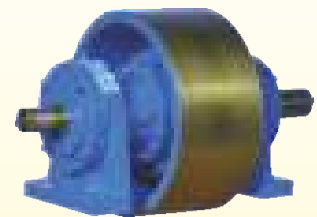
Slewring Bearing



60 mm to 3200 mm

- External, Internal and Ungearred available
- Flange and solid slew bearings
- Used in Earthmoving, Pharma, Solar, Defence, rolling mill sectors.

Creep Drive



Available in 100, 160, 200, 250 & 300 MM Drum diameter.
Ratio 10:1 available

- Used in crane for creep speed

Combined Bearing



Size Ø52.5 mm To Ø149 mm

- It is a combination fo main bearing and axial bearing which takes the radial and axial load well in proportion.
- The design incorporated in KAVITSU combined bearings gives the best resolution of the external load into its components.
- Used in Pallet Stacker, Palletlift, Forklift, eccentric lifting table.

Winch Drive



Lifting Capacity 2 Kn To 25 Kn
Input Power 0.18 Kw To 30 Kw

- Most reliable brand in material handling sector
- Compact in size
- Available with break motor

Shaft Mounted Speed Reducer



Power : 55 Kw To 40 Kw
Torque : 100 To 5000 Nm
Ratio : 5,13,20.

- Direct mounting on shaft with torque arrester.
- Ground gear helical gear train.

Heavy Duty Planetary gear Box



Power : 10 HP To 75 HP
Torque : 2000 Nm to 200000 Nm
Ratio : 3.17 to 100000

- Rigid in construction
- High overhang capacity.
- Compact Desing.

Screw Jack



Lifting capacity : 5K N To 500 Kn
Power : 0.1 Kw To 15 Kw

- Used In mechanical lifting application

Planetary Crystalliser drive



Power : 1 HP to 40 HP
Torque : Up to 500000 Nm
Ratio : 40 to 4363

- Direct mounting on shaft
- Higher efficiency
- Introduced range of power saving drives to sugar industries.
- Foundation & coupling free.

Quality Policy

Kavitsu has been serving the industry from the past three decades. It has earned its name for supply of high quality & reliable gear boxes . Our research & development team is continuously working on bringing new technology to the Indian industry. This helps to make our product to virtually maintenance free . We are committed to satisfy our customers and fulfill applicable requirements through supplying quality products with timely deliveries. We achieve the same by involvement, co-operation quality consciousness across the organization and continual improvement in effectiveness of Quality Management System.

Industries that we serve for :

- Mill & boiling section of Sugar Industry.
- Crushing & conveying section in cement industry.
- Rolling mill, CCM & tilting section in steel industries
- Mixing & Agitator section in pulp & chemical Industry.
- Wood Peeling application in plywood industry.
- Stone crushing ,screening applications in Sand washing industry.
- Concrete mixing application in construction industry.
- Custom built applications in robotics industry.
- Line Polishing applications in Marble and Stone Cutting industry.
- Conveyor in material handling equipment industry.
- Main hoist, Creep speed, LT & CT applications in Crane industry
- Mixing & conveying application in Pharmaceuticals industry.
- Clarifier application in waste water treatment plants.
- Extrusion in plastics industry.
- Various applications in web offset printing machines industry .

So, no matter, what your industry or application, you are sure to get the perfect solution when you partner with **Kavitsu Transmissions.**

About

KAVITSU is one of the leading manufactures of Industrial Gearboxes. We are the pioneers in planetary gear technology in India. Our range of gearboxes include planetary drives, helical drives, worm drives and bevel drives, used in combination with each other.

Our manufacturing capabilities include a 3200 mm diameter VTL machine as well as a 3000 mm gear shaping machine. CNC turning and machining centers help us in achieving highest quality and produce world class products.

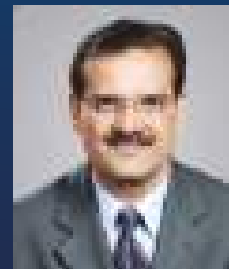
Vision & Mission

The main mission of KAVITSU is to be an organization where in the management, employees, worker, suppliers, customers, financiers and all related to company operations should be satisfied. In time supply of quality products with regular improvement in organizational operations, processes and products with the involvement of employees, suppliers, customers and financiers to achieve the continuous growth in the organization.

To continue with the goodwill gained, customers call Kavitsu, an Excellence in Gear Technology. Right from inception of the organization, Kavitsu is working with excellent quality. Initially Kavitsu was manufacturing only Gear Boxes, Then with proper design, started modified Gear Boxes with vast range. To expand the range of products to add similar products in product mix, to expand capacity are Kavitsu's future plans.

Message from Director's Desk:

Kavitsu has now grown 25 years old. Thanks to the valued customers like you, who have helped kavitsu to thrive beyond expected limits, we are now one of the major contributors to the sugar, steel, mining, construction, cement industries. Having developed new products which include the higher capacity mill drives around 1000 HP and crystallisers which can be used for 750 Metric ton capacity, we feel proud to serve you. State of the art manufacturing facilities help us to achieve our targets in time while maintaining the quality.



Till Date, Kavitsu has supplied a little under half a million of gear boxes all over the globe and we will continue to grow. This feat was only possible because of the valued Customers like you, who gave Kavitsu an opportunity to prove itself.

The following catalogue has been made taking into consideration the user and all the efforts have been made to make it user friendly.

Kind regards,

VASANT PHADTARE

Founder and M.D Kavitsu Group of Industries.

KAVITSU

Excellence In Gear Technology

An ISO 9001 : 2015 Certified Organization.

KAVITSU

TRANSMISSIONS PVT. LTD.

KAVITSU

AUTOMATION

KAVITSU

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