

Application of Gearbox:

A transmission or gearbox is a mechanical device for transferring power and torque from a rotating power source to another device, by using gear ratios. It is an important mechanical part in wind turbine, and is used to convey motion and torque to generator with high rotating speed.

Functions of Gearbox:

1. To reduce or increase the input rotating speed.
2. To change the direction of rotation.
3. To enlarge or reduce the output torque. Under the same power, the faster gear is rotating, the smaller torque is.
4. On-off function. For instance, car clutch can separate the motion conversion between motor and shaft, through departing the meshing gears.
5. Power distribution.

Transmissions are used in a wide range of industries, such as metallurgy, mining, machinery, energy, transportation, water conservancy, chemical, printing, construction, logistics and light industry, and so on.

Starred-river Machinery Company is a specialist of manufacturing gear reducer and industrial gearbox. We are located in Hangzhou City, Zhejiang Province, which provides us with access to convenient transportation by sea, land and air. As a result, our purchasing cost is greatly reduced, as well the shipping fees for our customers.

Our primary products include helical reducers, hardened gear reducers, planetary gear reducers, shaft mounted worm gearboxes, aluminum worm gearboxes, and electric rollers. All are CE certified. They enjoy warm popularity among clients at home and abroad. Also, our products come with a one-year quality warranty, and OEM service is available upon request.

For more detailed information, please feel free to contact us at Starred-River, or go to product pages. We are ready to serve you, and glad to cooperate with you.

OTHER PRODUCTS:

- [Electric Roller](#)



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- SR electric rollers, as the power of belt conveyor and elevator, and other equipment, are widely used in mining, metallurgy, chemicals, coal, building materials, electricity, food and transport...

- [Gear Reducer](#)



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- Gear reducer is a kind of motion transmitting device, which applies two meshing gears with two different diameters. While transmitting rotational motion, the smaller gear is rotating ...

- [Gearbox](#)



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- Our gearboxes come into arc cylinder worm gear boxes, shaft mounted worm gear boxes, cylinder worm gear boxes, and aluminum worm gearboxes. They have a wide range...

- [Planetary Gear Reducer](#)



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- Our planetary gear reducers come into NGW series, high load power gear reducers, and cycloid gear reducers. They are compact, highly efficient, and have light weight, low noise...