



Head Pulley

Xin Aneng produces a minimum 5-year warranty for standard Head Pulley. Our quality control is not only reflected in the design, but also in the procurement of raw materials, the skills and quality training of workers, the accuracy of production equipment, etc. By providing high-quality products and services, we hope to grow together with our customers and benefit the users of our partners. If you desire higher quality products, please contact our professional sales team to customize a product solution for you.

Send Inquiry



Product Description

The Xin Aneng’s Head Pulley, also called the driving roller or the driving roller, is an important part of the belt conveyor. It is usually located at the head of the conveyor, so it is also called the Xin Aneng’s Head Pulley.



The main function of the Xin Aneng’s Head Pulley is to connect with driving devices such as motors, reducers, couplings, etc., as the power source of the entire conveying system. When the motor starts, the Xin Aneng’s Head Pulley will rotate following the rotation of the motor, and then drive the belt to perform circular motion, thereby realizing material transportation.

The surface of the Xin Aneng’s Head Pulley usually has knurling or similar structures, which is to increase the friction between the roller and the belt and prevent the belt from slipping or deviating during operation. At the same time, the knurling design can also effectively disperse the pressure of the belt on the drum and extend the service life of the drum.

It should be noted that the selection and use of the Xin Aneng’s Head Pulley need to be determined based on the specific conveyed materials, conveying volume, conveying distance and other factors. In addition, in order to ensure the normal operation of the conveyor, the Xin Aneng’s Head Pulley needs to be maintained and inspected regularly, including cleaning the material residue on the surface of the roller and checking the wear of the roller.

After the drum is assembled, the radial runout tolerance of the outer circle shall comply with the requirements in the table below.
Unit : mm

PulleyD		200 ~ 800	1000 ~ 1600	1800
Radial circular runout tolerance	Non-Lagging Pulley Pulley	0.6	1.0	1.5
	Lagging Pulley	1.1	1.5	2.0

The pulley bearings are FAG or SKF bearings.
Main technical parameters of the drum-Radial runout of drum outer circle

Tail Bend Pulley
φ≤800mm≤1.05mm
φ > 800mm≤1.40mm

Drive Pulley
φ≤800mm≤1.05mm
φ > 800mm≤1.40mm

Static balance accuracy G40

Our factory:

Our company has a comprehensive quality assurance system. Before production begins, we will submit a comprehensive quality assurance plan for this project. This plan includes quality assurance procedures, organizational methods, qualifications of involved personnel, and controls for all activities affecting project quality such as design, procurement, manufacturing, transportation, installation, commissioning, and maintenance. We have dedicated personnel responsible for quality assurance activities.

Our quality assurance plan primarily defines the following points:

- 1.Inspection and control of equipment;
- 2.Control of purchased equipment or materials;
- 3.Control of materials;
- 4.Control of special processes;
- 5.On-site construction supervision;
- 6.Quality witness points and schedules.

