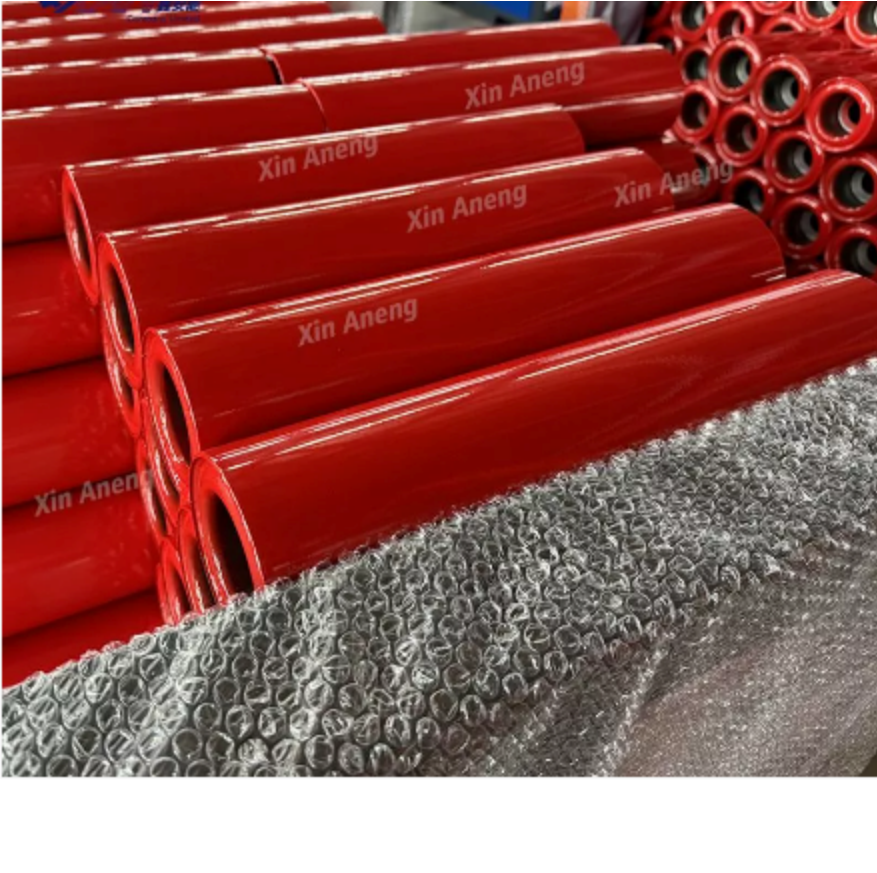




Hubei Xin Aneng's is the main supplier and manufacture in China. Xan's Gravity Conveyor Roller guarantee 30,000hrs in normal working conditions. By using better raw materials, bearings, and seals in production, we can meet your higher quality requirements. Our quality control is not only reflected in 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.

[Send Inquiry](#)



Product Description

The main performance of the Gravity Conveyor Roller includes the following aspects:

- Wear resistance:** The idler roller will come into contact with the conveyed materials during long-term use, especially for materials with greater wear, such as ore, sand and gravel, etc. Therefore, the roller needs to have sufficient wear resistance to extend its service life.
- Sealing:** In some application environments, the roller may be contaminated by dust, moisture, etc. Therefore, the roller needs to have good sealing performance to prevent dust, moisture, etc. from entering the bearings and internal components to ensure the normal operation of the Gravity Conveyor Roller.
- Self-cleaning ability:** Some rollers are designed with self-cleaning features in mind. They use their own rotation to remove materials attached to them, reduce accumulation, and improve conveying efficiency.
- Smooth operation:** The rollers need to ensure smooth operation without jitter to ensure the stability and safety of the conveying process.
- Corrosion resistance:** If the Gravity Conveyor Roller is used in a corrosive environment, such as the chemical industry, it needs to have a certain degree of corrosion resistance to prevent corrosion from affecting its performance and life.
- Impact resistance:** In some cases, the roller may be impacted or hit by the material. Therefore, it needs to have sufficient impact resistance to avoid damage.
- Maintainability:** Some roller designs focus on ease of maintenance. For example, bearings, seals and other components can be easily replaced for easy maintenance and repair.



In addition, the main technical indicators of the Gravity Conveyor Roller include load-bearing capacity and rotation resistance. The carrying capacity determines whether the roller can bear the weight of the goods, while the rotational resistance refers to the energy required by the roller during operation. It needs to be as small as possible to reduce the energy consumption of the conveying equipment and improve the conveying efficiency.

Diameter mm	Length (mm) Roller for conveyors										Bearing No.
89	180	190	200	235	240	250	275	280	305	204	
	215	350	375	380	455	465	600	750	950		
	1150										
108	190	200	240	250	305	315	360	375	380	204.205.305.306	
	455	465	525	530	600	700	750	790	800		
	950	1150	1400	1600							
133	305	375	380	455	465	525	530	600	670	205.305.306	
	700	750	790	800	900	950	1000	1100	1150		
	1400	1600	1800	2000	2200						
159	375	380	455	465	525	530	600	700	750	305.306.308	
	790	800	900	1000	1050	1100	1120	1150	1180		
	1250	1400	1500	1600	1700	1800	2000	2200	2500		
	2800	3000	3150								

Production Equipment in Hubei Xin Aneng Conveyor Machinery Co., Ltd:



No.	Machine name	Inspection item
1	Ultrasonic flaw detector	welding seam, ultrasonic inspection of steel plates
2	Roller axial displacement measuring instrument	Detecting axial displacement
3	Roller resistance measuring instrument	Detecting rotational resistance
4	Roller waterproof test bench	Testing waterproof performance
5	Roller axial bearing test bench	Measure axial bearing capacity
6	Static balance test bench	Check the static balance of the drum
7	Coaxiality test bench	Check the coaxiality of the roller
8	Coating thickness gauge	Measure the thickness of the paint
9	Sound level meter	Measure noise level
10	Tachometer	Measure rotational speed



The Certificates of Hubei Xin Aneng Conveyor Machinery Co., Ltd:

Patent certificate

Coal safety qualification

Quality, environment and health system certificates

Hubei Xin Aneng Conveyor Machinery Co., Ltd always treat excellence as a habit