



Industrial Roller

Hubei Xin Aneng's Industrial Roller guarantee 30,000hrs in normal working conditions. At XAN, we focus on production management, down to the cleanliness of the factory floor. We believe that production management reflects product quality. Only by holding ourselves to strict standards can we produce high-quality products and serve our customers effectively.

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Product Description

The different standards of conveyor belt rollers are mainly reflected in their design, material, size, use and performance requirements. Here are some of the main differences between these different standards:

- 1. Design Standards: The design of Industrial Roller may vary depending on application requirements. For example, some rollers may be designed in a groove shape to carry the conveyor belt and the materials carried on the conveyor belt; some rollers may be designed in a V-shaped or flat shape to support the return conveyor belt.
- 2. Material standard: The material of the Industrial Roller is usually carbon steel or alloy steel to ensure its wear resistance and long-term service life. However, depending on the working environment and material characteristics, rollers of different materials may need to be selected. For example, in corrosive environments, it may be necessary to select materials with higher corrosion resistance.



- 1. Dimensional standards: The diameter and width of the Industrial Roller should be determined according to the use environment and load capacity of the conveyor belt. Different conveyor belts and materials may require different sizes of rollers. Generally speaking, the diameter is between 89mm and 219mm, and the width is between 450mm and 2400mm.
- 2. Purpose standards: According to the classification of uses, The Industrial Roller can be divided into two categories: load-bearing rollers and return rollers. The load-bearing rollers are mainly used to carry conveyor belts and materials, while the return rollers are used to support the return conveyor belts. In addition, there are some special-purpose rollers, such as buffer rollers, self-aligning rollers, etc.
- 3. Performance requirements: The performance requirements of the Industrial Roller mainly include wear resistance, sealing, self-cleaning ability, smooth operation, corrosion resistance, impact resistance and maintainability. These performance requirements vary depending on the working environment and material characteristics.



To sum up, the different standards of conveyor belt Industrial Rollers are mainly reflected in their design, material, size, use and performance requirements. When selecting rollers, you need to select the appropriate standards based on the specific conveyor belt, material characteristics, and working environment.

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 Cefiticates of Hubei Xin Aneng Conveyor Machinery Co., Ltd:



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