



Roller for Conveyors

Hubei Xin Aneng's manufacture Roller for Conveyors for more than 33 years. We control products quality through raw material procurement system, factory management system, production equipment system, testing equipment system, etc. We mainly provide complete belt conveyor solution and have very strong design and production capabilities.

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Product Description

Since 1990, Mr. Guo has been dedicated to the bulk material handling industry, leading the factory to rapid growth. In just 5 years, we achieved what others took over 20 years to accomplish. Mr. Guo steadfastly avoided investments in real estate, cars, or any other ventures. For 33 years, he has poured all his efforts and energy into perfecting every conveyor roller.



The installation steps of Roller for conveyors are as follows:

1. Installation positioning: Predetermine the installation position of the Roller for conveyors on the belt. Usually, a roller group is installed at a certain distance (such as every meter or every two meters). Use a measuring tool to align and mark the position of the roller axis.
2. Install the bracket: Install the roller bracket below or above the belt and fix the roller on it. Note that the bracket should be parallel to the running direction of the belt and firmly connected through expansion bolts or other fasteners.
3. Install the roller: Place the polymer roller into the bracket along the marked axis line to ensure its level and parallelism to avoid belt deviation due to tilt. Then, use a wrench or socket to tighten the fixing screws between the roller and the bracket.
4. Connecting supporting equipment: connect the transition components (if any) between adjacent rollers to achieve a smooth transition of the belt. At the same time, connect with the driving device (reducer, motor, etc.) and adjust the tension to ensure normal operation of the belt.

5. Inspection and debugging: After the installation is completed, start the belt and check whether each roller rotates flexibly and whether the belt deviates. If there is any abnormality, it should be adjusted in time.

During the installation process, you need to pay attention to the following details:

1. The fixing method of the rollers should comply with relevant installation standards and ensure the firmness and stability of the rollers.
2. The distance between rollers should be adjusted according to the size and speed of the conveyed material. Generally speaking, the distance between rollers should be smaller than the maximum size of the material to avoid material jamming. At the same time, the distance between rollers should be as uniform as possible to ensure stable transportation of materials.
3. The cooperation between the roller and the conveyor belt needs to be maintained well, otherwise its sealing and transmission effects will be affected.
4. Before installing the roller, the components and installation location should be carefully cleaned to ensure the quality and effectiveness of the installation.
5. In order to ensure the normal operation of the rollers, appropriate lubrication methods should be selected and maintained and replaced regularly.

Diameter mm	Length (mm)									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							

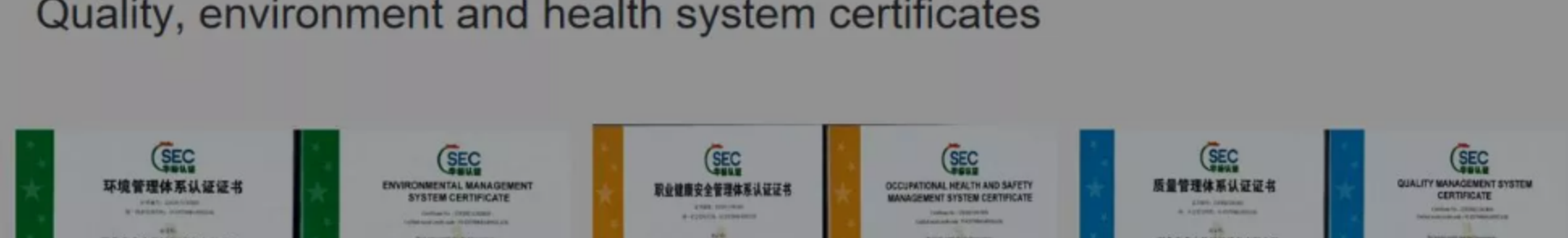
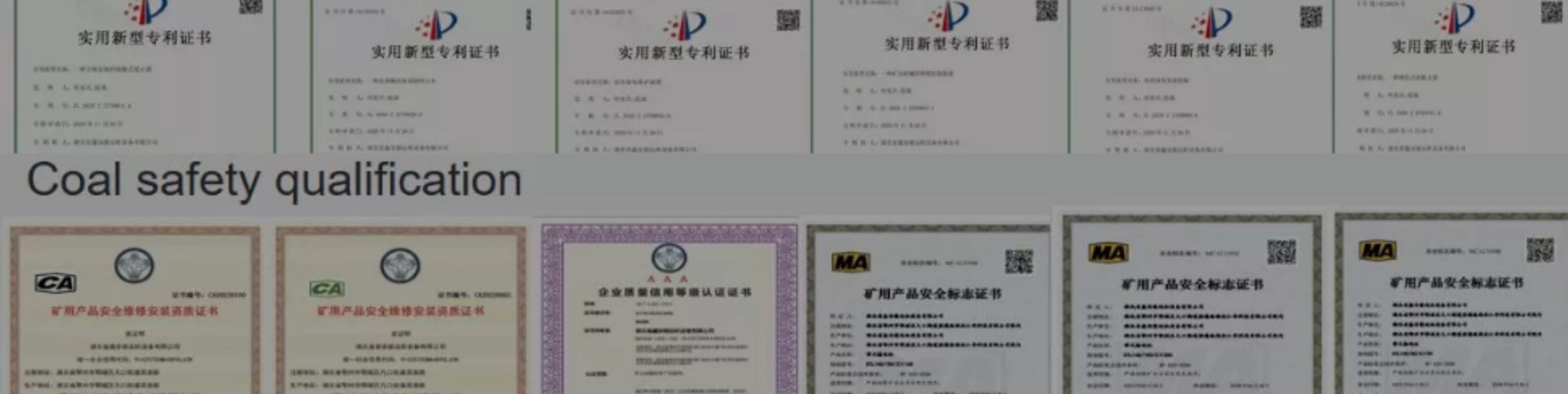
Production Equipment in Hubei Xin Aneng Conveyor Machinery Co., Ltd:



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



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