



## Belt Conveyor Roller

As one of the most famous Belt Conveyor Roller manufacturers and factories, 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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滚动鼠标轴或单击，开始裁长图



### 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.



Belt conveyor roller refers to the rollers or idlers that are used in a belt conveyor system. A belt conveyor is a mechanism that transports materials continuously using an endless belt that runs over two or more pulleys/rollers. The belt conveyor roller plays a crucial role in supporting the conveyor belt and guiding it along the desired path.



### Types of Belt Conveyor Rollers:

- (1). Return Roller/Idler: Used to support the underside of the conveyor belt on the return path.
- (2). Impact Roller/Crusher Roller: Located at the loading point to withstand the impact of falling material onto the belt. These rollers are often designed with thicker walls and/or special materials to handle the impact.
- (3). Troughed Roller/Idler: Used to create a trough shape in the belt to contain the material being transported.
- (4). Transition Roller/Idler: Used to transition the belt from a flat to a troughed configuration or vice versa.
- (5). Snub Roller/Pulley: Small rollers located at the end of the conveyor to redirect the belt and help maintain belt tension.
- (6). Carrying Roller/Idler: Located under the loaded portion of the conveyor belt to support the weight of the material being transported.

Diameter mm	Length (mm)									Bearing No.
	180	190	200	235	240	250	275	280	305	
89	215	350	375	380	455	465	600	750	950	204
	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							

### Maintenance of Belt Conveyor Rollers:

Regular maintenance of belt conveyor rollers is important to ensure smooth operation and avoid downtime. This includes inspection for wear, replacement of worn-out rollers, cleaning of rollers to remove debris, and adjustment of roller alignment.

### Safety Considerations:

When working with belt conveyor systems, it is crucial to follow safety procedures to prevent accidents. This includes wearing appropriate protective equipment, staying clear of moving parts, and ensuring the conveyor is properly guarded and locked out before performing maintenance or repairs.



Hebei Xin Aneng Conveyor Machinery Co., Ltd Roller Powder Coating Production Line



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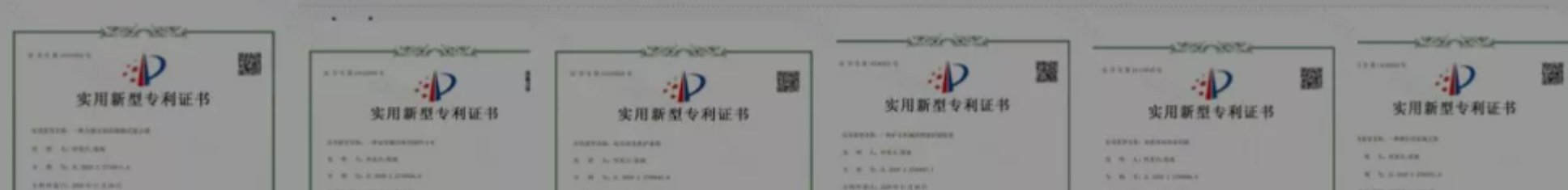


托辊自动化生产线  
Hebei Xin Aneng Conveyor Machinery Co., Ltd - Fully automatic roller production line



### Our Certificates:

#### Patent certificate



#### Coal safety qualification



#### Quality, environment and health system certificates



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