

Self-Cleaning Idler Roller With Rubber Discs

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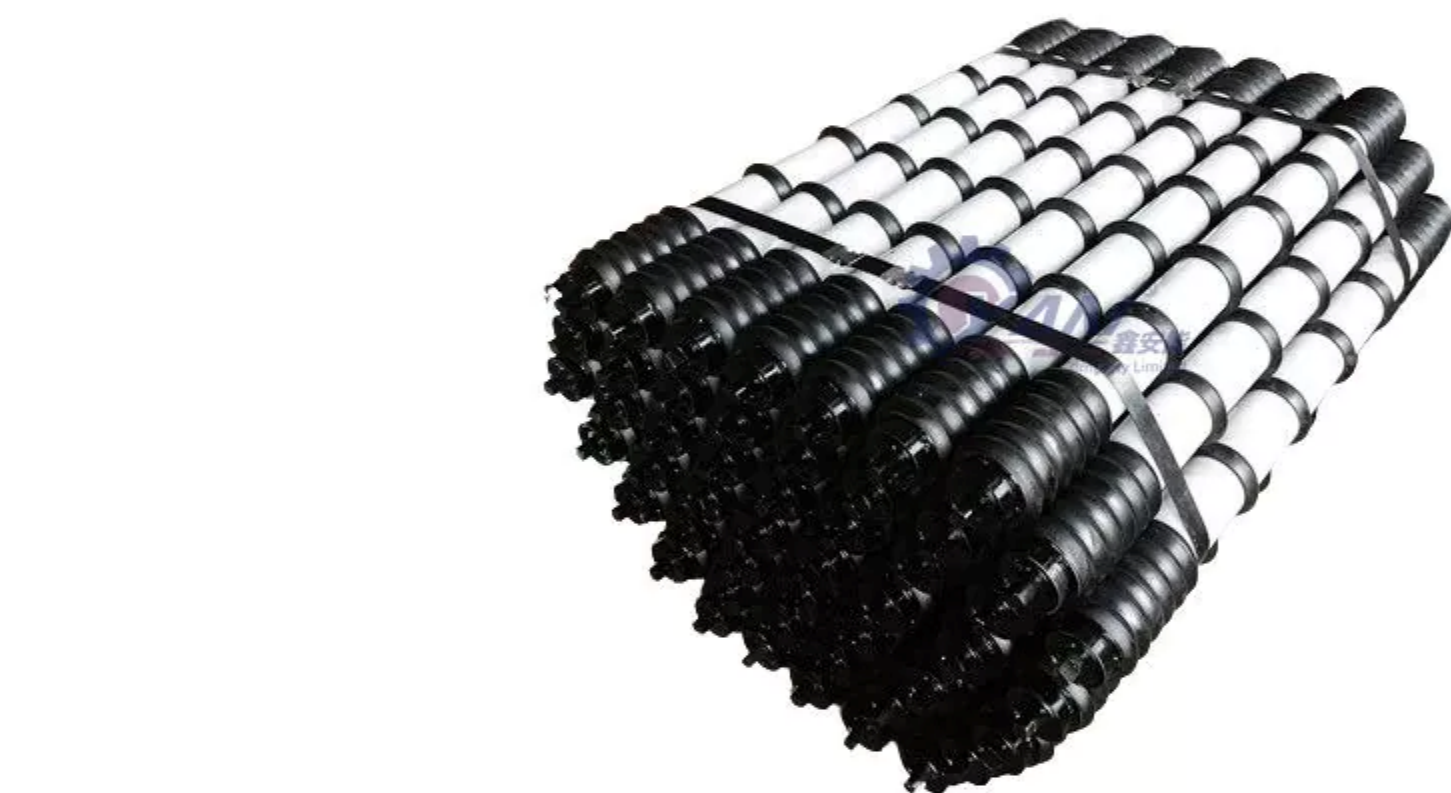
Product Description

Self-Cleaning Idler Roller With Rubber Discs, also called sparse rollers or sparse cleaning rollers, are mainly used on belt conveyors that transport sticky materials. Elastic discharge-type annular rubber rings are arranged at intervals on the surface of the roller body, and ABS plastic isolation rings are arranged in segments to eliminate stickiness on the load-bearing surface of the conveyor belt. This kind of roller automatically rolls the bonded materials on the return belt to remove fine particles or powdery materials adhering to the surface of the belt, and prevents the tape from causing deviation.



Specifically, the Self-cleaning idler roller with rubber discs has the following functions and characteristics:

1. Cleaning function: Through the rubber ring on the surface of the roller body, the adhesive material on the return belt can be actively rolled and removed, which is especially suitable for sticky materials.
2. Buffering effect: The design of the rubber ring can also play a buffering role, reducing the impact damage to the conveyor belt when the material falls, and improving the stress condition of the conveyor belt.
3. Deviation adjustment function: In addition to cleaning and buffering functions, this cleaning roller can also help adjust the deviation of the conveyor belt.
4. Widely used: Cleaning rollers with rubber rings are widely used in belt conveyors in mining, power plants, chemical industries and other industries.



In addition, Self-cleaning idler roller with rubber discs can also meet the installation requirements of various types of belt conveyors, such as TD75 and DSJ. Its material is generally rubber or carbon steel, and specifications such as roller diameter and wall thickness can be customized according to specific needs.

Type	Belt Width(mm)	Diameter (mm)	Shaft Dia.	Length(mm)
				Self-cleaning idler roller with rubber discs
XAN/1	500,650,800,100,1200,1400	89	20	600,750,950,1150,1400,1600
	500,650,800,1000,1200	108		600,750,950,1150,1400
	500,650,800,1000,1200,1400	133		600,750,950
XAN/2	500,650,800,1000,1200,1400,1600	89	25	600,750,950,1150,1400,1600,1800
	500,650,800,1000,1200,1400,1600	108		600,750,950,1150,1400,1600,1800
	650,800,1000,1200,1400,1600,1800,2000	133		750,950,1150,1400,1600,1800,2000,2200
	1000,1200,1400,1600,1800	159		1150,1400,1600,1800,2000
XAN/3	500,650,800,1000,1200,1400,1600	89	25	1150,1400,1600,1800
	500,650,800,1000,1200,1400,1600	108		1150,1400,1600,1800
	650,800,1000,1200,1400,1600,1800,2000	133		1150,1400,1600,1800,2000,2200
	1000,1200,1400,1600,1800	159		1150,1400,1600,1800,2000
XAN/4	1000,1200,1400,1600	89	30	1150,1400,1600,1800
	1000,1200,1400,1600	108		1150,1400,1600,1800
	1000,1200,1400,1600,1800,2000	133		1150,1400,1600,1800,2000,2200
	1000,1200,1400,1600,1800	159		1150,1400,1600,1800,2000
XAN/5	1000,1200,1400,1600,1800,2000	133	30	1150,1400,1600,1800,2000,2200
	1000,1200,1400,1600,1800	159		1150,1400,1600,1800,2000
XAN/6	1600,1800	159	40	1800,2000

In general, the Self-cleaning idler roller with rubber discs is a conveyor accessory with various functions and superior performance. It is of great significance for improving conveying efficiency, reducing material waste and extending the service life of the conveyor belt.

Our factory:

