




Steel Screw Self-Cleaning Idler Roller

Xin Aneng is a professional Steel Screw Self-cleaning Idler Roller manufacturer and supplier in China, you can rest assured to wholesale Steel Screw Self-cleaning Idler Roller from our factory.XAN has fully automated production equipment and a complete set of testing devices. To ensure product quality, we guarantee that each batch is traceable, with clear responsibilities assigned to specific individuals and well-defined divisions of labor.

 Send Inquiry



Product Description

The Xin Aneng’s Steel Screw Self-cleaning idler roller is a specially designed roller that is mainly used to clean materials attached to the load-bearing surface of the conveyor belt. Its working principle is to allow foreign objects to naturally break away from the working surface of the tape along the trajectory of the steel spiral, which is similar to the function of a cleaner.



Xin Aneng’s Steel Screw Self-cleaning idler roller usually consist of spiral shafts, housings, brakes, bearings and other components. When working, the material reaches the spiral roller through the conveyor belt or roller. The spiral shaft lifts the material upward and pushes it to the required height to complete the cleaning process of the material. This kind of roller is usually designed as the set of lower rollers closest to the conveyor head roller to more effectively clean the material on the conveyor belt.

In addition, there is a two-way spiral cleaning roller, which is a device that can quickly clean garbage and dust on the road. The roller has the function of forward and reverse rotation, which can quickly remove garbage and dust. At the same time, the surface of the roller is made of special material, which is not easy to adhere to garbage and dust. It can automatically clean the surface and maintain the cleaning effect. This kind of roller is suitable for cleaning in various environments such as urban roads, squares, airports, docks, and industrial sites.

Type	BeltWidth(mm)	Diameter (mm)	Shaft Dia.	Length(mm)
				Return Roller
BNR/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
BNR/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
BNR/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
BNR/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
BNR/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
BNR/6	1600,1800	159	40	1800,2000

Our Factory:

Our factory has a comprehensive quality assurance system. Before production begins, we will submit a comprehensive quality assurance plan for this project. This plan includes quality assurance procedures, organizational methods, qualifications of involved personnel, and controls for all activities affecting project quality such as design, procurement, manufacturing, transportation, installation, commissioning, and maintenance. We have dedicated personnel responsible for quality assurance activities.

Our quality assurance plan primarily defines the following points:

- 1.Inspection and control of equipment;
- 2.Control of purchased equipment or materials;
- 3.Control of materials;
- 4.Control of special processes;
- 5.On-site construction supervision;
- 6.Quality witness points and schedules.

