



Rubber Coating Idler Roller

Xin Aneng is a professional leader China Rubber Coating Idler Roller manufacturer with high quality and reasonable price. Welcome to contact us. We support video factory inspections, third-party testing, and XAN is dedicated to serving you wholeheartedly.

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Product Description

A Rubber Coating Idler Roller, also known as a rubber-covered roller or rubber-lagged idler, is a type of conveyor roller that has a rubber coating applied to its outer surface. This rubber coating provides several benefits compared to traditional steel or plastic rollers.

Here are some key points about Rubber coated idler rollers:



- Increased Friction:** The rubber coating on the roller surface provides a higher coefficient of friction, which improves the grip on the conveyor belt. This ensures better traction and prevents the belt from slipping, even under heavy loads or high-speed operation.
- Impact Resistance:** The rubber coating absorbs impacts from falling material or objects, reducing the shock transmitted to the conveyor system. This helps protect the conveyor belt and extends its lifespan.
- Noise Reduction:** The soft rubber coating also helps reduce noise generated by the conveyor system, making it more pleasant to work around.
- Improved Tracking:** Rubber coated idler rollers can help keep the conveyor belt properly aligned and tracking within the rollers. This reduces the risk of belt damage due to misalignment.
- Corrosion Resistance:** Rubber coatings are resistant to corrosion and chemicals, making them suitable for use in wet or corrosive environments.
- Longer Lifespan:** The rubber coating protects the underlying roller from abrasion and wear, extending its lifespan and reducing maintenance costs.
- Customizable:** Rubber coatings can be applied in various thicknesses and compositions to meet specific needs, such as increased friction, durability, or noise reduction.

Rubber coated idler rollers are commonly used in mining, quarrying, recycling, and other industrial applications where conveyor belts are essential for material handling. They are an important component of a reliable and efficient conveyor system.

Type	Barrel	barrel thickness	Diameter over rubber disc	shaft at bearing	Min Shaft btw bearings	bearing
XAN1	102	3.2	2.5	20	22	6001
XAN2	114	3.2	2.5	20	22	6001
XAN3	114	3.2	2.5	25	26	6002
XAN4	114	3.2	3.5	30	32	6003
XAN5	127	3.2	2.5	20	22	6004
XAN6	127	3.2	2.5	25	26	6005
XAN7	127	3.2	3.5	25	26	6006
XAN8	127	3.2	3.5	30	32	6007
XAN9	152	4	3.5	25	26	6134
XAN10	152	4	3.5	30	32	6135
XAN11	152	4	3.5	30	32	6136
XAN12	152	4	3.5	35	36	6137
XAN13	152	4	3.5	40	41	6138
XAN14	152	4	4.0	45	49	6139
XAN15	178	6	3.5	30	32	6308
XAN16	178	6	3.5	35	35	6309
XAN17	178	6	3.5	40	41	6307
XAN18	178	6	4.0	45	48	6308
XAN19	194	6	3.5	40	41	6306
XAN20	194	6	4.0	45	48	6305

Our factory:

Our company 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.

