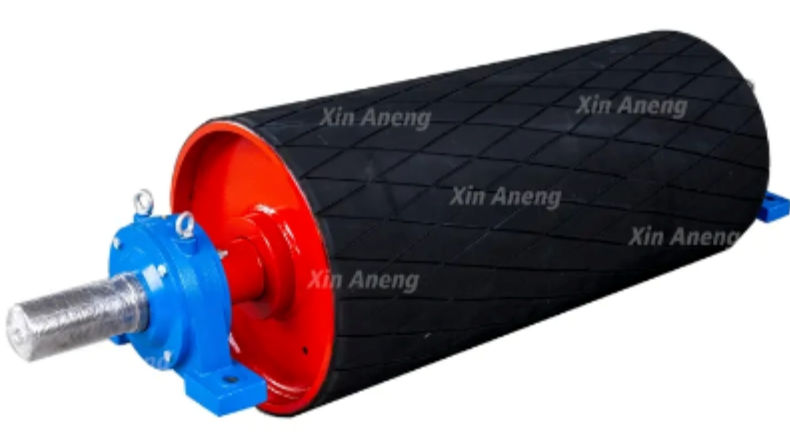


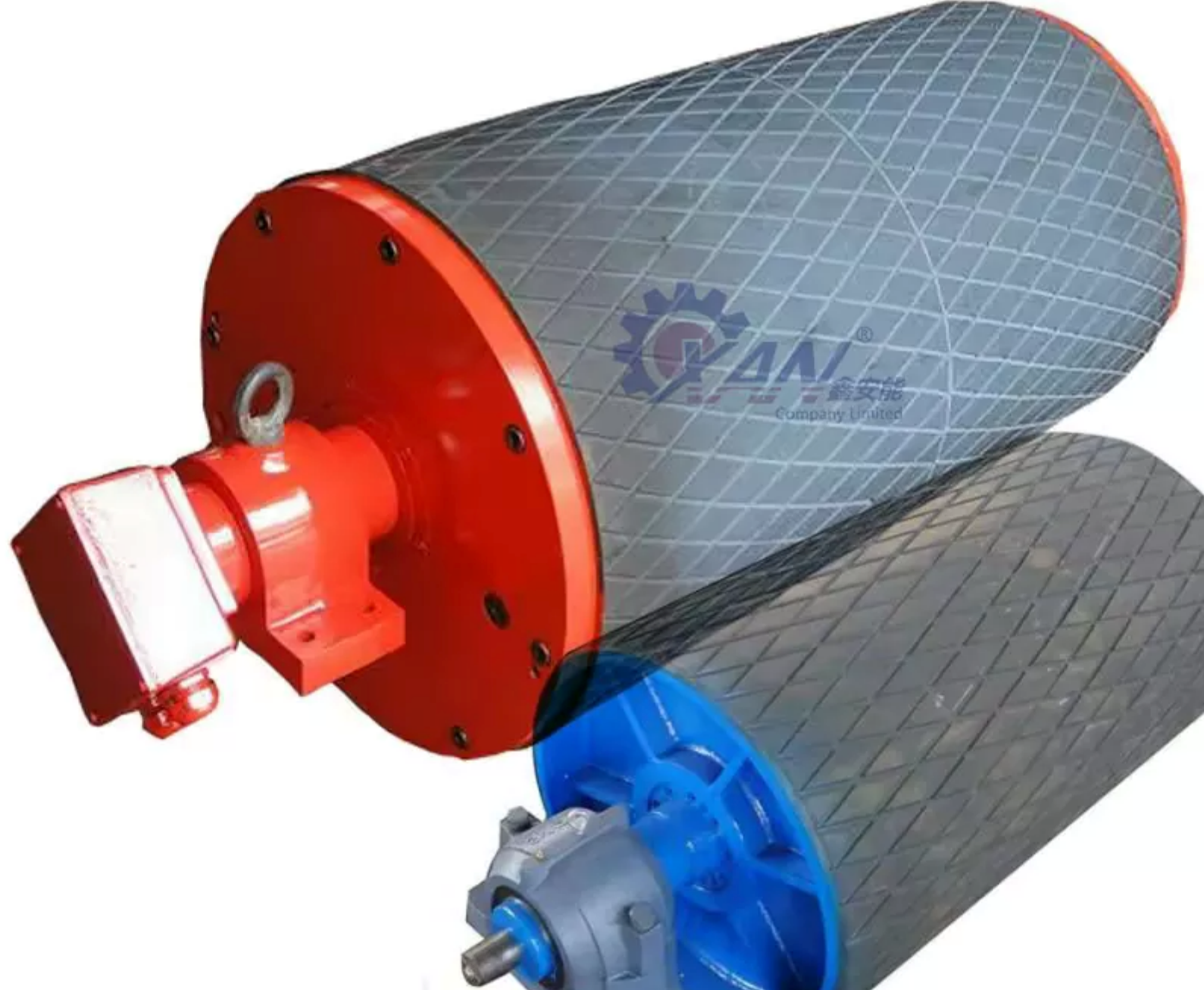
XAN guarantees a minimum 5-year warranty on all standard Drive Pulley. The formation method of the surface rubber layer is vulcanized rubber covering. The thickness of the surface rubber layer of the Drive Pulley shall not be less than 16mm, and the hardness of the surface rubber layer of the drive roller shall not be lower than 70 Shore A.

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Product Description

The processing and manufacturing technology and materials of the Xin Aneng's Drive Pulley



1. The cylinder is welded by carbon dioxide gas shielded welding and submerged arc welding, and the entire body is furnace annealed to eliminate stress. Boring the inner hole to ensure the connection between the wheel housing and the shaft.
2. The Xin Aneng's Drive Pulley shaft is made of high-quality 45 steel, which is rough turned and ultrasonic flaw tested, then quenched and tempered, and then fine turned and ground.
3. In order to ensure the quality of the drum, all drums must be fully inspected, and the quality of each weld of the drum must be inspected by UT and archived. The welds at the bottom need to be inspected by coloring. If there are any defects, they should be removed in time with carbon arc gouging and then re-welded.
4. In order to ensure smooth operation, the drum has also been put through a static balance test stand, and static balance tests have been carried out in strict accordance with the standard requirements. The static balance experiment is conducted according to G40 level.
5. Our company uses ultrasonic flaw detectors to perform flaw detection on Xin Aneng's Drive Pulley.



Pulley casting rubber

1. The surface of all The Drive Pulley is made of prismatic cast rubber. The surface rubber layer is formed by vulcanized rubber covering. The thickness of the surface rubber layer is not less than 14mm, and the hardness of the surface rubber layer is not less than Shore 70 degrees.
2. The surface of The Drive Pulley is smooth and not covered with glue.
3. The adhesive layer is guaranteed to be free of defects such as delamination and blistering. The physical and mechanical properties of the top glue and bottom glue comply with the relevant regulations in GB10595-2017.

After the drum is assembled, the radial runout tolerance of the outer circle shall comply with the requirements in the table below.

Unit : mm

PulleyD		200 ~ 800	1000 ~ 1600	1800
Radial circular runout tolerance	Non-Lagging Pulley Pulley	0.6	1.0	1.5
	Lagging Pulley	1.1	1.5	2.0

The pulley bearings are FAG or SKF bearings.

Main technical parameters of the drum-Radial runout of drum outer circle

Tail Bend Pulley

$\varphi \leq 800\text{mm} \leq 1.05\text{mm}$

$\varphi > 800\text{mm} \leq 1.40\text{mm}$

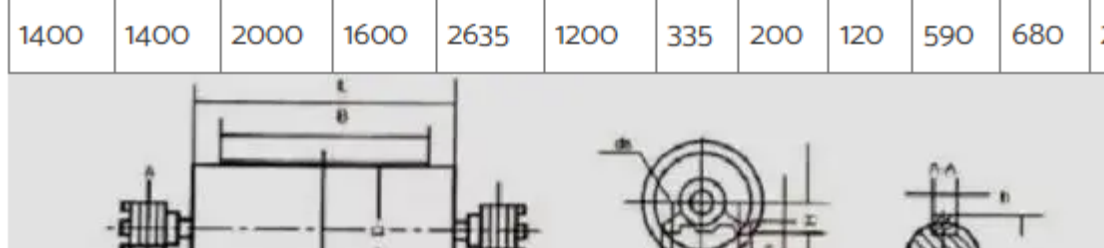
Drive Pulley

$\varphi \leq 800\text{mm} \leq 1.05\text{mm}$

$\varphi > 800\text{mm} \leq 1.40\text{mm}$

Drive Pulley Specification

B	D	A	L	L1	L2	K	M	N	Q	P	H	h	hl	d	b1	ds	滚动轴 承	光面滚 筒	胶面滚 筒
500	500	850	600	1097	505.5	115	70	0	280	340	100	33	60	55	16	27	1312	16300	25
650	500	1000	750	1280	588.5	135	90	0	350	410	120	33	76	70	20	27	1316	21200	32.6
650	630	1000	750	1280	588.5	135	90	0	350	410	120	33	76	70	20	27	1316	29600	45.4
800	500	1300	950	1580	738.5	135	90	0	350	410	120	33	76	70	20	27	1316	26200	40.1
800	630	1300	950	1661	771	175	130	80	380	460	140	33	97	90	24	27	3520	36700	56.1
800	800	1300	950	1661	771	175	130	80	380	460	140	33	97	90	24	27	3520	55900	85.5
1000	630	1500	1150	1861	871	175	130	80	380	460	140	33	97	90	24	27	3520	45700	70.1
1000	800	1500	1150	1945	900	215	160	90	440	530	160	53	119	110	32	34	3524	69600	106.8
1000	1000	1500	1150	2020	930	255	170	100	480	570	180	53	140	130	36	34	3528		177.5
1200	630	1750	1400	2195	1025	215	160	90	440	530	160	53	119	110	32	34	3524	54900	84
1200	800	1750	1400	2195	1025	215	160	90	440	530	160	53	119	110	32	34	3524	83700	128.1
1200	1000	1750	1400	2270	1055	255	170	100	480	570	180	53	140	130	36	34	3528	-	213
1200	1250	1750	1400	2305	1065	275	180	110	540	630	200	63	161	150	40	34	3532		300
1400	800	2000	1600	2445	1150	215	160	90	440	530	160	63	119	110	32	34	3524	97600	149.2
1400	1000	2000	1600	2555	1190	275	180	110	540	630	200	63	161	150	40	34	3532	-	249.25
1400	1250	2000	1600	2555	1190	275	180	110	540	630	200	63	161	150	40	34	3532	-	350
1400	1400	2000	1600	2635	1200	335	200	120	590	680	220	63	181	170	40	40	3536	-	470



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.

