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ZHEJIANG SANJIA RUBBER BELT CO., LTD.

COMPANY INTRODUCTION

We're located in China (Tiantai) rubber belts industrial city. Founded in 2002 covering more than 35,000 square meters, with total assets of 166.81 million yuan and registered capital of 100 million yuan. It is one of the local top 50 enterprises.

The company specializes in the production of "HUJIA" brand rubber conveyor belt series products, with an annual output of various types of rubber conveyor belt more than 25000000 square meters. The main varieties of conveyor belt are common type (nylon, polyester, steel cord), oil resistance, chemical resistance, heat resistance, cold resistance, fire-resistant, anti-tear, chevron conveyor belt, etc., is widely used in steel, electric power, port, metallurgy, mining, cement and other industries. The products are sold well in more than 20 provinces, cities and regions in China, and exported to more than 50 countries and regions such as Europe, America, Middle East, southeast Asia, Africa and Australia, winning good international and domestic reputation.

We adhere to professional and efficient, scientific and technological innovation to create new ways, committed to providing customers with the of service. In the future, we will continue to pursue perfect quality and provide professional services.

Sanjia company will serve you wholeheartedly, provide you with comprehensive conveyor belt solutions, go forward hand in hand, create brilliant!



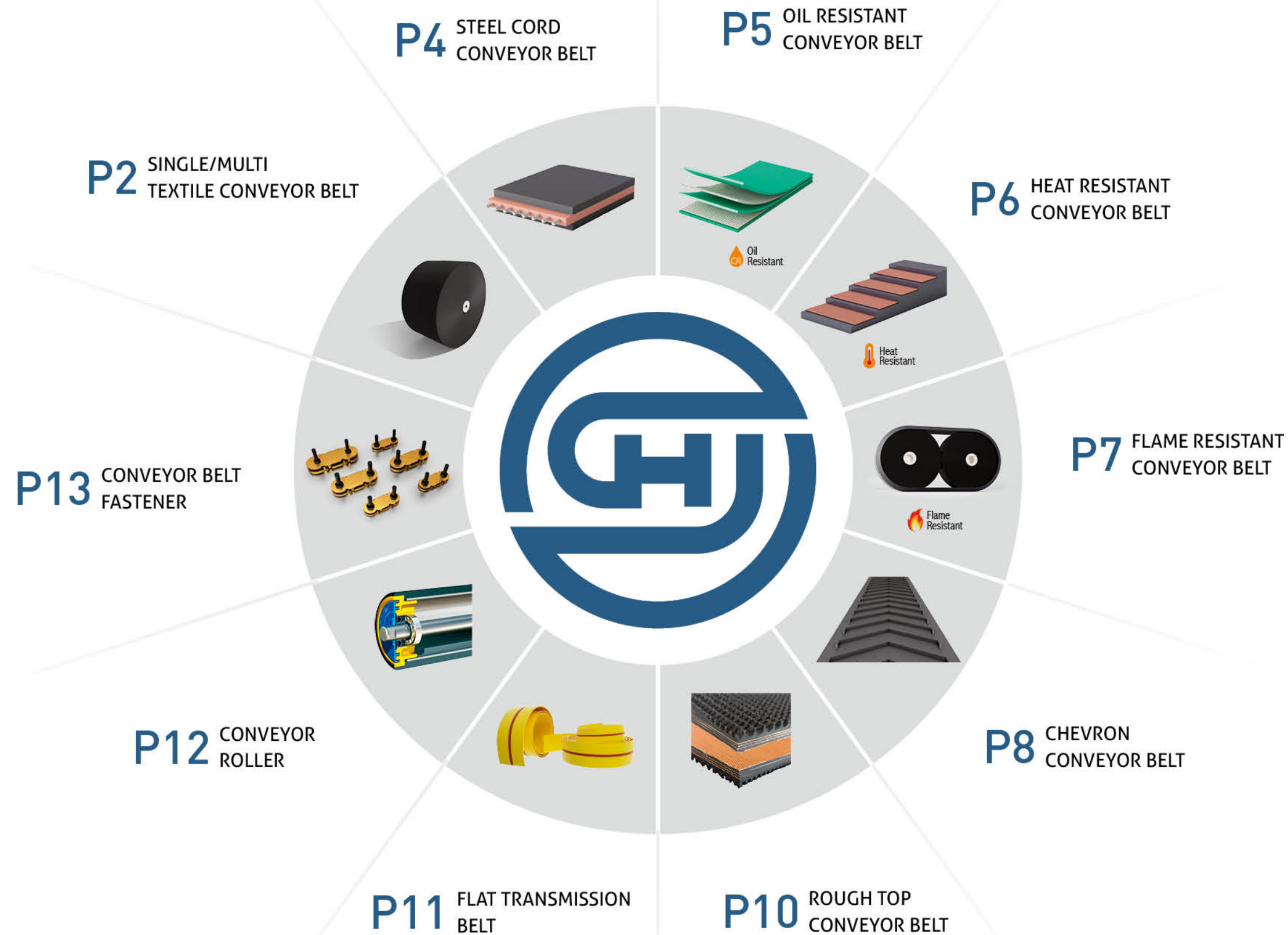
ENTERPRISE HONORS



PRODUCTION EQUIPMENT



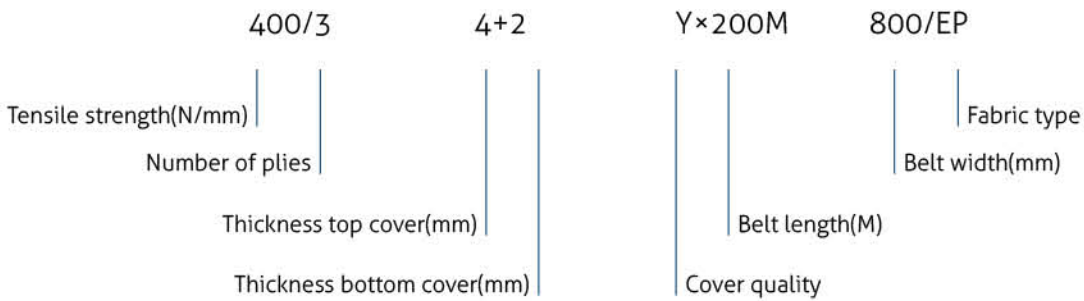
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SINGLE/MULTI TEXTILE CONVEYOR BELT

Characteristics:

Multi-ply conveyor belts are suitable for medium, short-distance and medium-load transportation of materials, which are widely used in various fields, for example mine, coal mine, port, metallurgy, chemical engineering, architecture, electric power station, etc.



EP CONVEYOR BELT

Fabric type	Fabric stucture		Fabric	Ply thickness (mm/P)	No.of Fabric plies	Cover thickness		Width mm	Length m
	Warp	Weft				Upper	Lower		
EP	POLYESTER	POLYESTER	EP100	1.0	2-10	2.0-8.0	0-4.5	300-2300	≤300
			EP125	1.0	2-10				
			EP150	1.1	2-10				
			EP200	1.2	2-10				
			EP250	1.4	2-10				
			EP300	1.6	2-6				
			EP350	1.8	2-6				
			EP400	2.0	2-6				
			EP450	2.1	2-6				
			EP500	2.2	2-6				

NYLON CONVEYOR BELT

Fabric type	Fabric stucture		Fabric	Ply thickness (mm/P)	No.of Fabric plies	Cover thickness		Width mm	Length m
	Warp	Weft				Upper	Lower		
NN	NYLON	NYLON	NN100	1.0	2-10	2.0-8.0	0-4.5	300-2300	≤300
			NN125	1.0	2-10				
			NN150	1.1	2-10				
			NN200	1.2	2-10				
			NN250	1.4	2-10				
			NN300	1.6	2-6				
			NN350	1.8	2-6				
			NN400	2.0	2-6				
			NN450	2.1	2-6				
			NN500	2.2	2-6				

COTTON CONVEYOR BELT

Fabric type	Fabric stucture	Fabric	Ply thickness (mm/P)	No.of Fabric plies	Cover thickness(mm)		Width (mm)	Length (m)
					Upper	Lower		
Cotton(CC)	Cotton(C)	CC-56	1.1	2-6	2-8	0-4.5	300-2300	≤300
Polyester Cotton(TC)	Cotton(C)	TC-70	1	2-6	1.5-8	0-4.5	300-2300	≤300

	EP		NN		CC		TC	
	Warp	Weft	Warp	Weft	Warp	Weft	Warp	Weft
Tensibility	Ordinary	good	excellent	good	good	ordinary	good	ordinary
Flexibility	good	excellent	excellent	excellent	good	good	good	good

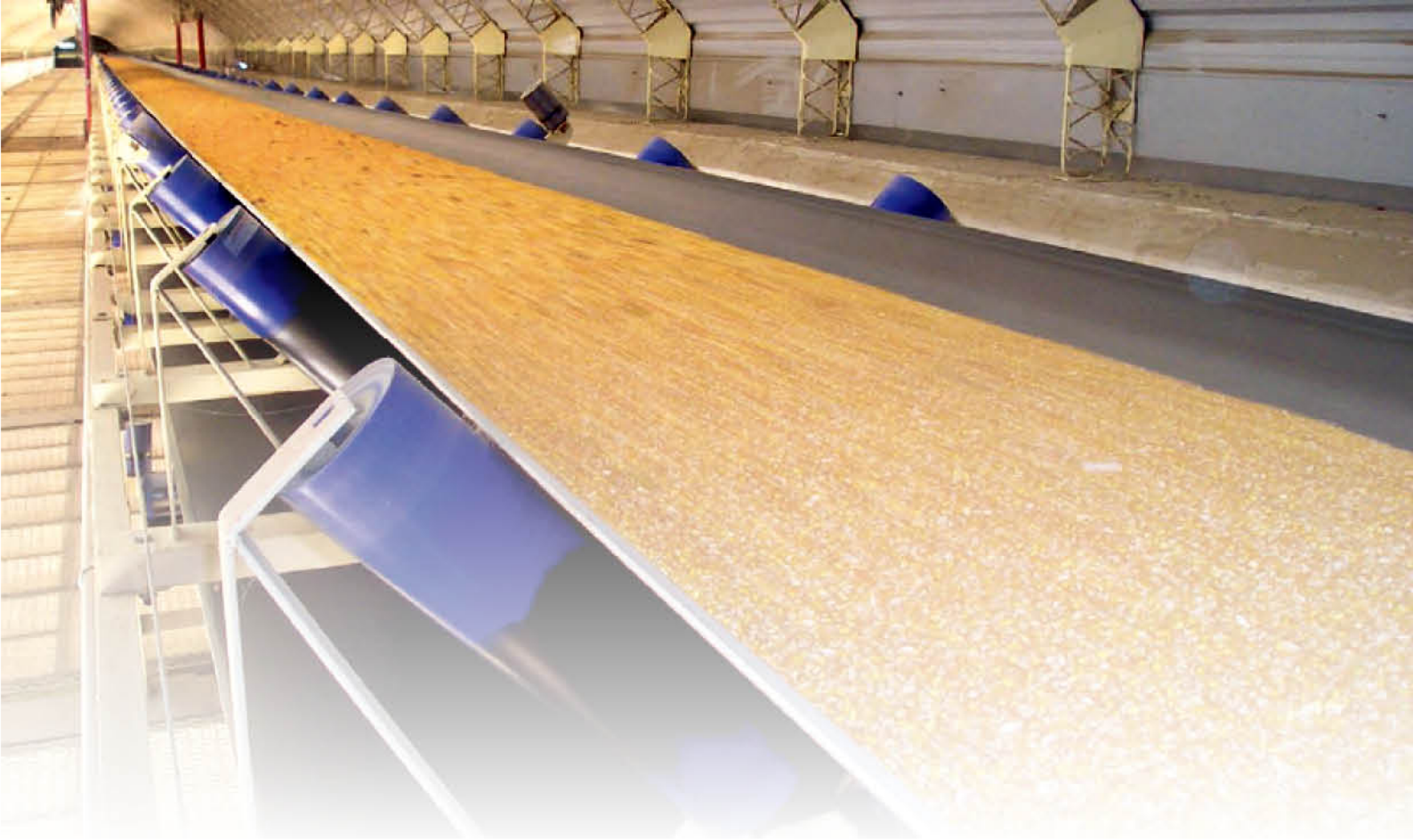
STEEL CORD CONVEYOR BELT

Characteristics:

High tensile strength and small elongation in use. Small diameter of drive pulley to make the equipment smaller.

High adhesion between rubber and steel cord, thus is resistant to shock and difficult to drop, so the rubber belts are long in life. The steel cords are very evenly arranged and have the same tension, so the belts are well balanced in running and difficult to run away.

Good troughability to form a deep trough to load more materials and prevent the materials from escaping. Users can use X-rays to inspect damages of the skeleton of steel cords to prevent accidents from happening.



Belt type	Minimum breaking strength per width of belt (N/mm)	Maximum cord diameter (mm)	Minimum breaking strength of cord (KN)	Cord pitch (mm)	Minimum thickness of covers (mm)
ST500	500	3.0	7.6	14.0	4.0
ST630	630	3.0	7.0	10.0	4.0
ST800	800	3.5	8.9	10.0	4.0
ST1000	1000	4.0	12.9	12.0	4.0
ST1250	1250	4.5	16.1	12.0	4.0
ST1400	1400	5.0	20.6	14.0	4.0
ST1600	1600	5.0	20.6	12.0	4.0
ST1800	1800	5.6	25.5	13.5	4.0
ST2000	2000	6.0	25.6	12.0	4.0
ST2250	2250	5.6	26.2	11.0	4.0
ST2500	2500	7.2	40.0	15.0	5.0
ST2800	2800	7.2	39.6	13.5	5.0
ST3150	3150	8.1	50.5	15.0	5.5
ST3500	3500	8.6	56.0	15.0	6.0
ST4000	4000	8.9	63.5	15.0	6.5
ST4500	4500	9.7	76.3	16.0	7.0
ST5000	5000	10.9	91.0	17.0	7.5
ST5400	5400	11.3	98.2	17.0	8.0
ST6300	6300	12.8	130.4	19.5	10.0
ST7000	7000	13.5	142.4	19.5	10.0
ST7500	7500	15.0	166.7	21.0	10.0

OIL RESISTANT CONVEYOR BELT

Characteristics:

The Oil Resistant Conveyor Belt is made of multi-layer powerful rubber canvas and high quality oil-resistant rubber through calendering, sticking and vulcanizing suitable for conveying spare parts with mechanical oil or materials with mineral oily powder, granule and block.

Type	Operating Temperature	Suitable Oil Type	Oil Resistance Date(72 hrs)
MOR	-30℃ -70℃	Mineral oil, organic solvent	Distensibility ≤ 20%
OR	-30℃ -70℃	Vegetable oil, animal fat	Distensibility ≤ 5%

After the aging test (70C*168h), at cover rubber rate of "tensile strength at breaking" and "elongation at breaking", the value change is not over 25% than before.

Grade	Breaking Strength(Mpa)	Elongation at Break(%)	Abrasion(mm³)
L	≥14.0	≥350	≤200
D	≥16.0	≥350	≤160

HEAT RESISTANT CONVEYOR BELT



Characteristics:

The carcass of the product selects cotton canvas or special heat resistant EP canvas as skeleton material. Cover rubber and cushion rubber is styrene-butadiene rubber or and epdm rubber that has good heat-resistant. The product can work under the temperature of 150℃ . Heat-resistant conveyor belt widely used in industries of metallurgy, cement, coking, steel, and etc.

1. There is very difference temperature between materials with surface of belt.

2. The above difference come from materials conveyed size, cooling measure (water, ventilation, etc.)

Physical properties of covers					
Items		Class			
		T1	T2	T3	T4
		Test temperature			
		≤100℃	≤125℃	≤150℃	≤175℃
		Permissible change			
Hardness	Difference between the values obtained after ageing and the original unaged values	+20	+20	±20	±20
	The highest value after aging	85	85	85	85
Tensile strength	Change /%	-25	-30	-40	-40
	The lowest value after aging /MPa	12	10	5	5
Elongation at break	Change after aging /%	-50	-50	-55	-55
	The lowest Value after aging /%	200	200	180	180



FLAME RESISTANT CONVEYOR BELT

Characteristics:

It is suitable for conveying various non-corrosive and thornless materials in blocks, in grains, or in powder, such as coal in bulk or in bales, under the condition of flammable or explosive environment above coalmine wells.

The product is made of cotton canvas, nylon canvas or EP canvas and finisher through the processes of calendaring, assembling, vulcanizing ect.

ITEM	Flame retardant grades	
	K ₂	K ₃
Duration of flame	The total duration of 6 test pieces with covers is less than 45s, any individual test piece does not exceed 15s	Average value of duration of flame of 3 test pieces with covers does not exceed 60s
Anti-static property	≤3×10 ⁸ Ω	
Reappearance	There should be no reappearance of flame on any test piece	

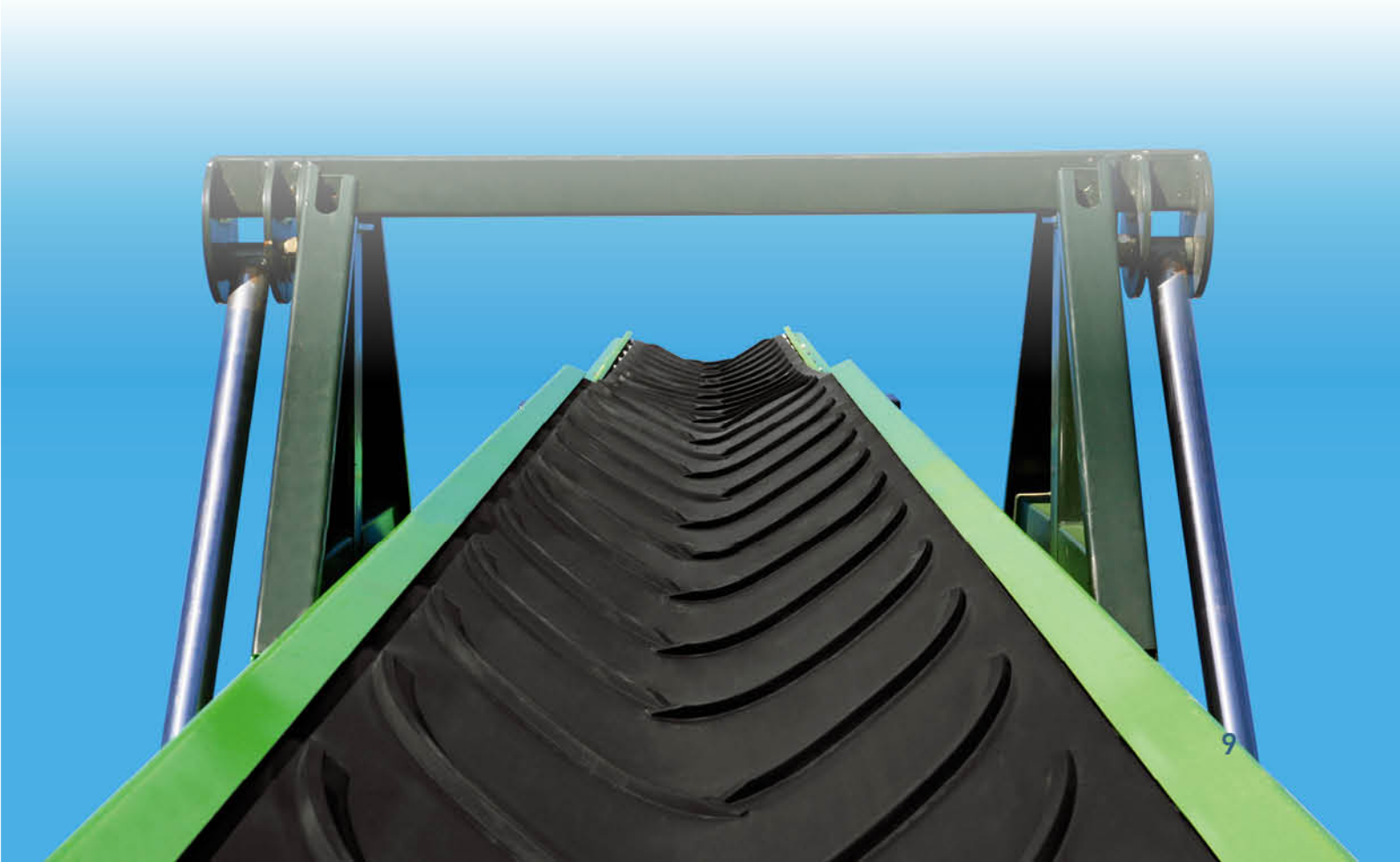
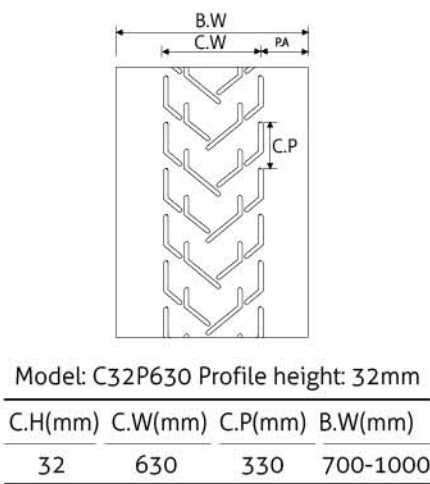
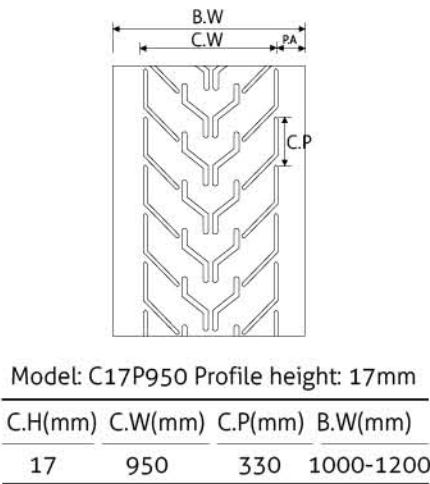
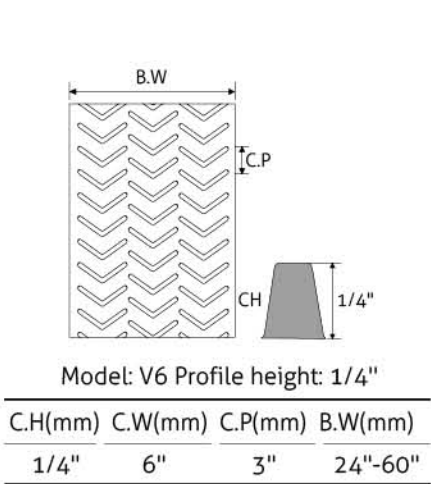
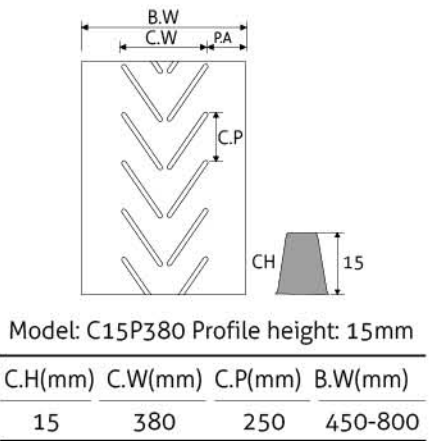
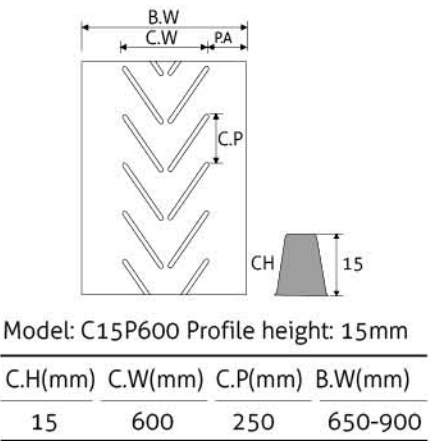
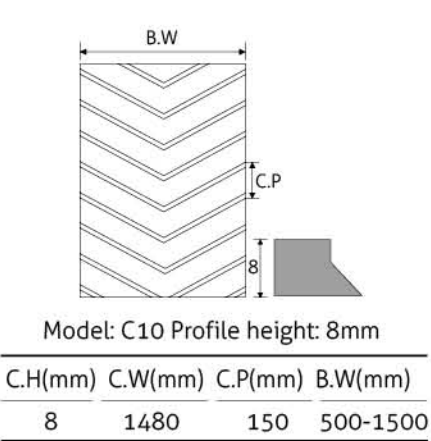
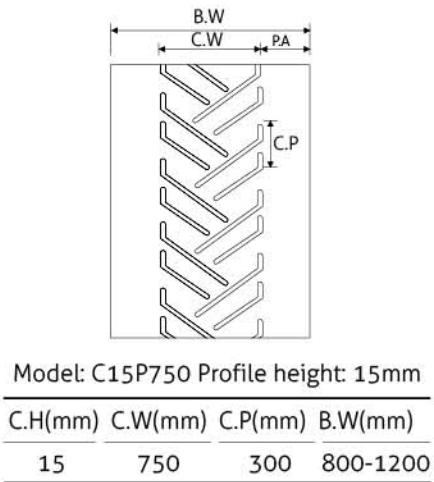
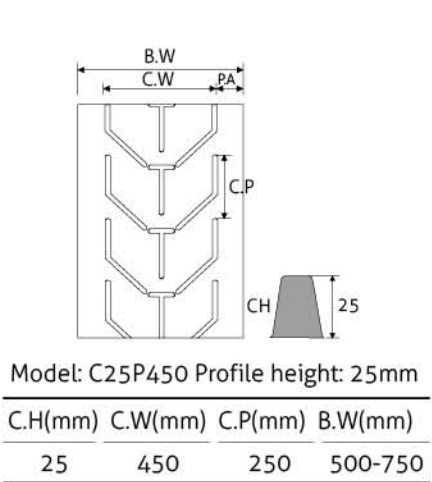
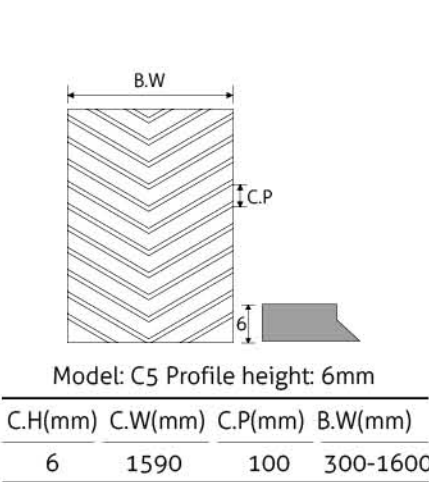
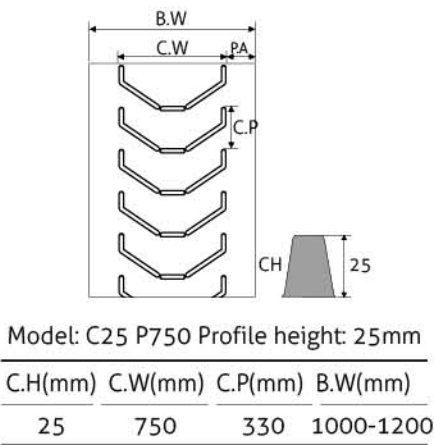
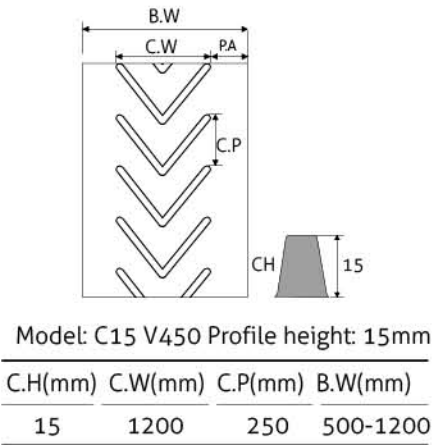
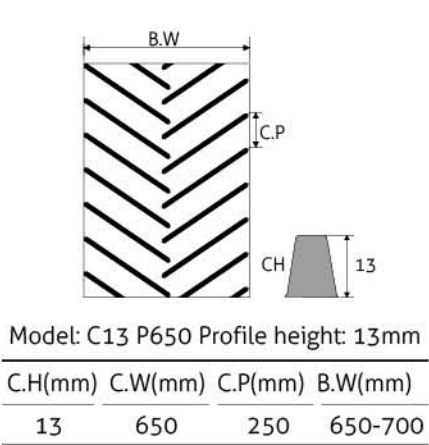
CHEVRON CONVEYOR BELT

Characteristics:

On surface of the belt, there is chevron pattern higher than the belt body. The pattern may be either open-end or closed. Each kind of pattern includes three types: high, medium and low.

Patterned conveyor belt is composed of belt carcass and pattern. Pattern shape and height (depth) may be different because of different conveyed material and gradient of conveyor.

It can convey powdered, granulated and small lump materials at the gradient of no more than 40 °C . It can also convey packaged materials.



Note: Sanjia can open new mold for customers requirement such as following. Please connect with our salesman/engineers

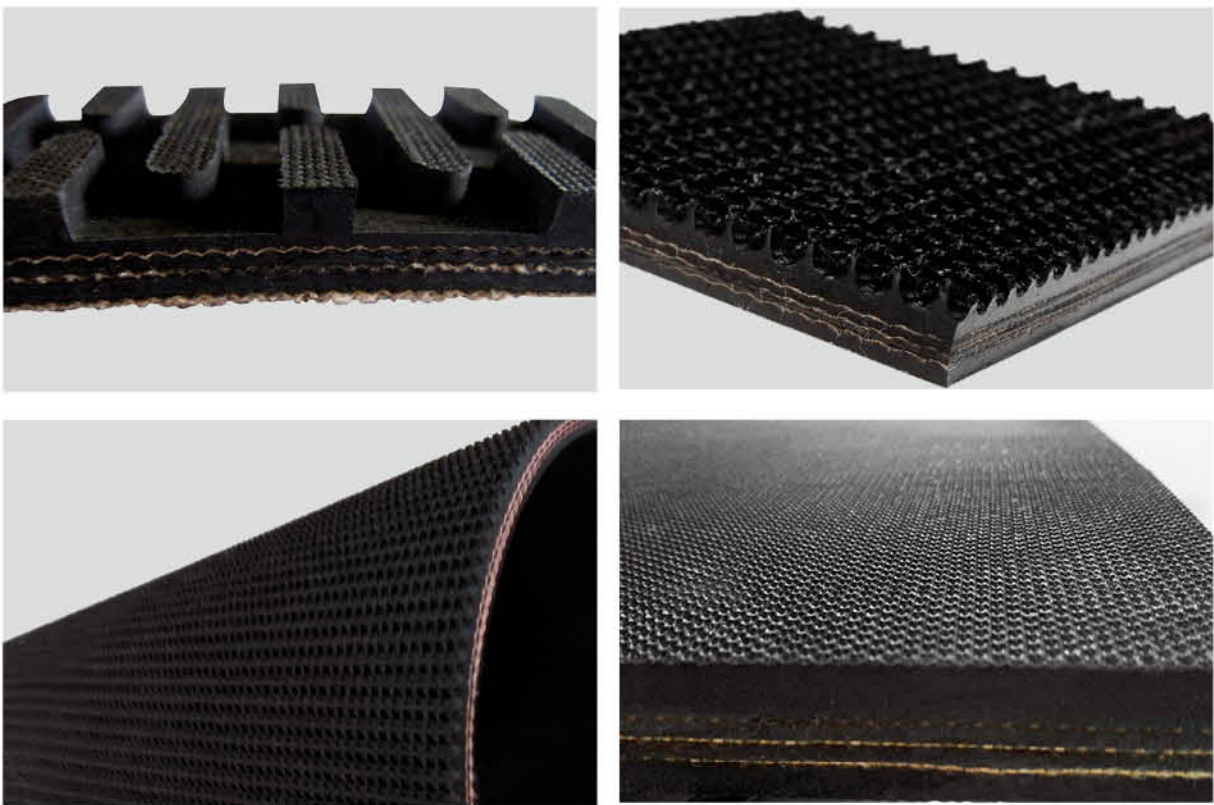
ROUGH TOP CONVEYOR BELT

Application:
Rough Top belts are designed for transport of sacks, boxes and parcels. The top cover is made of wear resistant rubber with a non-slip surface.

Due to high inclinations, flat belts carrying packages could have slide-back problems. Rough surface belts with profiles are offered for such applications. They have been specially developed for Baggage Handling Systems, besides finding wide usage in Cement And Fertilizers plants.

Features:

- Less friction coefficient is created.
- Ideal for running over table and flat panel.
- Mesh-like pattern generates the relief effect and absorbs any type of vibrations, preventing the material being conveyed from slipping.

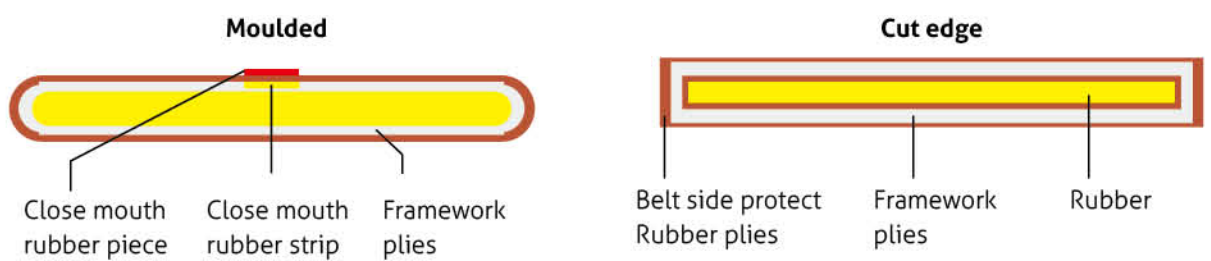


FLAT TRANSMISSION BELT



Characteristics:
We Choose all-cotton, Vi-cooton, nylon, polyester as frame material with new design and fresh colours. It has advantages of good belt body, unchangeableness, high adhesive strength, small tensile fate, etc.

Types:
The flat transmission belt includes two types: 280Z & 320Z, Moulded edge, cut edge, ordinary flat belt, strengthened flat belt.



Tensile strength specifications	Longitudinal min-value	Crosswise min-value
N/mm	Kn/m	Kn/m
190	190	75
240	240	95
290	290	115
340	340	130
385	385	225
425	425	250
450	450	
500	500	

CONVEYOR ACCESSORIES

CONVEYOR ROLLER

Rollers are an important part of the entire conveyor belt system. A high quality roller will increase the life of the entire system. SANJIA rollers are characterized by a low rolling resistance, a very small quantity of radial vibration as well as an excellent performance of balance. These features lead to energy saving, a very low noise even at high speed, and therefore to economic and environment-friendly conveying operations.

SANJIA rollers can be fabricated according to DIN, AFNOR, CEMA, BS, FEM, JIS and many other international standards with different type of shaft end.



PORTABLE VULCANIZING PRESS



SANJIA supplies various portable rubber vulcanizing presses to its service partners all over the world. It can be used in metallurgy, chemical industry, metal mines, power plants, ports, wharfs and other field bonding conveyor transport joints. After carefully reading the technical parameters and instructions provided by the machine, and then carrying out the correct vulcanization bonding process, the bonded joint strength can reach more than 90% of the new belt. Not only the joint is smooth, almost the same as the original belt, but also can reduce the wear of the drum and prolong the service life of the conveyor and rubber belt.

CONVEYOR BELT FASTENER

Conveyor belt fastener the staggered type riveting way, can the maximum prevent pull out, and can allow rivets in conveyor belt among skeleton, avoid to cause damage to the conveyor belt, the layout of the unique steel nails make the belt evenly force, so can guarantee the conveyor belt skeleton intact.

Conveyor belt buckle have split and even the style, the body structure design of flexible use according to the width of the belt. Joint structure design to install a faster, more energy, improves the work efficiency.

