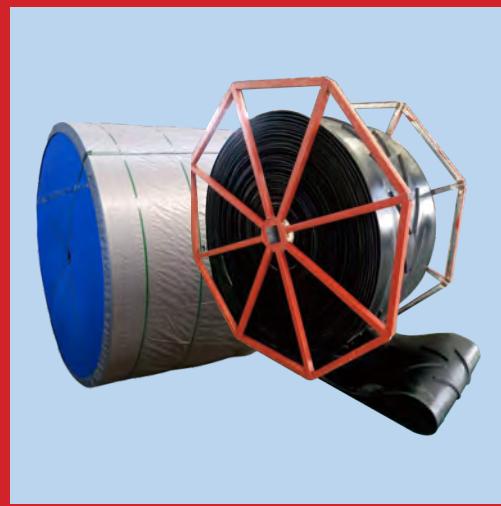


BELTS CATALOGUE



POWER TRANSMISSION BELT
CONVEYOR BELT

Hangzhou BAIQUAN Electromechanical Co., Ltd.

Power Transmission Belt

Hangzhou BAIQUAN Electromechanical Co., Ltd. is a leading enterprise specializing in manufacturing all kinds of high quality transmission Belts, such as Wrapped V Belt, Cogged V Belt, Timing Belt, Poly V Belt, which are widely used in industry, agriculture, automotive.

Classic V Belt

Type	Top Width	Pitch Width	Height	Wedge Angle	Conversion Table		Length Standard	Weight/m (kgs)
	(mm)	(mm)	(mm)		Li=Lw-25	La=Li+38		
Z	10	8.5	6	40	Li=Lw-25	La=Li+38	Li	0.065
A	13	11	8	40	Li=Lw-33	La=Li+50	Li	0.112
B	17	14	11	40	Li=Lw-43	La=Li+69	Li	0.192
C	22	19	14	40	Li=Lw-56	La=Li+88	Li	0.31
D	32	27	19	40	Li=Lw-82	La=Li+119	Li	0.61
E	38	32	23	40	Li=Lw-95	La=Li+145	Li	0.94
F	50	42.5	30	40	Li=Lw-120	La=Li+188	Li	1.58

Narrow V Belt

Type	Top Width	Pitch Width	Height	Wedge Angle	Conversion Table		Length Standard	Weight/m (kgs)
	(mm)	(mm)	(mm)		Lw=Li+37	La=Li+50		
SPZ	10	8	8	40	Lw=Li+37	La=Li+50	Lw	0.075
SPA	13	11	10	40	Lw=Li+45	La=Li+63	Lw	0.125
SPB	17	14	14	40	Lw=Li+60	La=Li+88	Lw	0.22
SPC	22	19	18	40	Lw=Li+83	La=Li+113	Lw	0.375
3V(9N)	9.5		8	40	La=Li+50	La=Li+37	La	0.075
5V(15N)	16		13.5	40	La=Li+85	La=Li+60	La	0.21
8V(25N)	25.5		23	40	La=Li+145	La=Li+92	La	0.525

Light Duty V Belt

Type	Top Width	Pitch Width	Height	Wedge Angle	Conversion Table		Length Standard	Weight/m (kgs)
	(mm)	(mm)	(mm)		Li=Lw-25	La=Li+38		
3L	10	8.5	6	40	Li=Lw-25	La=Li+38	La	0.07
4L	13	11	8	40	Li=Lw-33	La=Li+50	La	0.112
5L	17	14	11	40	Li=Lw-43	La=Li+69	La	0.19

Banded V Belt

Type	Top Width	Pitch Width	Height	Wedge Angle	Conversion Table		Length Standard	Max Banded (pcs)	Weight/m (kgs)
	(mm)	(mm)	(mm)		Li=La-63	Li=Lw-33			
HA	13.6	15.6	10	40	Li=La-63	Li=Lw-33	Li	32	0.163
HB	17	19	13	40	Li=La-82	Li=Lw-43	Li	28	0.266
HC	22.4	25.5	16	40	Li=La-100	Li=Lw-56	Li	20	0.45
HD	32.8	37	21.5	40	Li=La-135	Li=Lw-82	Li	12	0.798

Banded Narrow V Belt

Type	Top Width	Pitch Width	Height	Wedge Angle	Conversion Table		Length Standard	Max Banded (pcs)	Weight/m (kgs)
	(mm)	(mm)	(mm)		Lw=Li+37	La=Li+63			
HSPZ	10.5	12	10	40	Lw=Li+37	La=Li+63	Lw	32	0.13
HSPA	13.6	15	12.3	40	Lw=Li+45	La=Li+82	Lw	32	0.18
HSPB	17	19.05	16.5	40	Lw=Li+60	La=Li+100	Lw	20	0.28
HSPC	22	25.5	21	40	Lw=Li+83	La=Li+125	Lw	21	0.58
H3V	9.7	10.3	9.7	40	La=Li+63	La=Li+98	La	32	0.1
H5V	15.7	17.5	15.7	40	La=Li+98	La=Li+157	La	30	0.27
H8V	25.4	28.6	25.4	40	La=Li+157	La=Li+207	La	18	0.7

Hexangular V Belt

Type	Top Width	Pitch Width	Height	Wedge Angle	Conversion Table		Length Standard	Weight/m (kgs)
	(mm)	(mm)	(mm)		Li=La-63	Li=Lw-33		
AA	13		10	40	Li=La-63	Li=Lw-33	Li	0.15
BB	17		13	40	Li=La-82	Li=Lw-43	Li	0.25
CC	22		17	40	Li=La-107	Li=Lw-67	Li	0.44

Agricultural Variable Speed Belt

Type	Top Width (mm)	Pitch Width (mm)	Height (mm)	Wedge Angle	Conversion Table		Length Standard	Weight/m (kgs)
					Li=La-50	Lw=La-16		
HG(HB)	16.5	15.4	8	26	Li=La-50	Lw=La-16	Li	0.16
HH(HC)	20.4	19	10	26	Li=La-63	Lw=La-19	Li	0.255
HI	25.4	23.6	12.7	26	Li=La-80	Lw=La-24	Li	0.403
HJ	31.8	29.6	15.1	26	Li=La-95	Lw=La-30	Li	0.56
HK	38.1	35.5	17.5	26	Li=La-110	Lw=La-36	Li	0.79
HL	44.5	41.4	19.8	26	Li=La-125	Lw=La-41	Li	1.15
HM	50.8	47.3	22.2	26	Li=La-140	Lw=La-48	Li	1.44
HN	57.2	53.2	23.9	26	Li=La-150	Lw=La-53	Li	1.7
HO	63.5	59.1	25.4	26	Li=La-160	Lw=La-60	Li	1.96

Russia Market V Belt

Type	Top Width (mm)	Height (mm)	Wedge Angle	Type	Weight/m (kgs)	
					Lw	0.07
8.5*8	10.5	8	40	Lw		0.07
10*8	12	8	40	Lw		0.09
11*10	13	10	40	Lw		0.13
12.5*9	15	9	40	Lw		0.155
14*10	17	10	40	Lw		0.19
14*13	17	13	40	Lw		0.22
16*11	19	11	40	Lw		0.23
19*12.5	22	12.5	40	Lw		0.31
21*14	25	14	40	Lw		0.375

Combine V Belt

Type	Top Width (mm)	Height (mm)	Length Standard
SAX	12.7	7	La
SBX	16.7	9	La
SCX	22.2	11	La

Cogged Classic V Belt

Type	Top Width (mm)	Pitch Width (mm)	Height (mm)	Wedge Angle	Conversion Table		Length Standard	Weight/m (kgs)
					Li=Lw-25	La=Li+38		
ZX	10	8.5	6	40	Li=Lw-25	La=Li+38	Li	0.062
AX	13	11	8	40	Li=Lw-33	La=Li+50	Li	0.099
BX	17	14	11	40	Li=Lw-43	La=Li+69	Li	0.176
CX	22	19	14	40	Li=Lw-56	La=Li+88	Li	0.276
DX	32	27	19	40	Li=Lw-82	La=Li+119	Li	0.598
EX	38	32	23	40	Li=Lw-95	La=Li+145	Li	0.933

Cogged Narrow V Belt

Type	Top Width (mm)	Pitch Width (mm)	Height (mm)	Wedge Angle	Conversion Table		Length Standard	Weight/m (kgs)
					Li=La-50	Lw=La-13		
XPZ	10	8	8	40	Li=La-50	Lw=La-13	Lw	0.065
XPA	13	11	10	40	Li=La-63	Lw=La-18	Lw	0.11
XPB	17	14	14	40	Li=La-82	Lw=La-22	Lw	0.2
XPC	22	19	18	40	Li=La-113	Lw=La-30	Lw	0.323
3VX	9.5		8	40	Li=La-50	Lw=Le-4	La	0.063
5VX	16		13.5	40	Li=La-82	Lw=Le-11	La	0.182
8VX	25.5		23	40	Li=La-144	Lw=Le-16	La	0.51

Banded Cogged V Belt

Type	Top Width (mm)	Height (mm)	Center Distance	Length Standard	Weight/m (kgs)	
					RZ	RX
RZ	10	8	12	Li	0.08	
RAX	13	10	15.88	Li	0.14	
RBX	17	13	19.05	Li	0.24	
RCX	22	16	25.4	Li	0.42	
RDX	32	21	36.53	Li	0.75	

Banded Cogged Narrow V Belt



Type	Top Width (mm)	Height (mm)	Center Distance	Length Standard	Weight/m (kgs)
RXPZ	9.7	10	12	Lw	0.105
RXPA	12.7	12	15	Lw	0.16
RPXB	16.3	15	19	Lw	0.26
RXPC	22	20	25.5	Lw	0.533
R3VX	9	10	10.3	La	0.095
R5VX	15	15	17.5	La	0.255
R8VX	25.5	25	28.6	La	0.655

Variable Speed Belt



Type	Top Width (mm)	Height (mm)	Length Standard	Weight/m (kgs)
1022V	16	6	Lw	0.1
1422V	22	8	Lw	0.174
1922V	30	10	Lw	0.381
2322V	37	11	Lw	0.529
1926V	30	11	Lw	0.411
2926V	46	13	Lw	0.584
3226V	51	13	Lw	0.883
2530V	40	15	Lw	0.744
3230V	51	16	Lw	1.051
4430V	70	18	Lw	1.677
4036V	64	18	Lw	1.512
4436V	70	18	Lw	1.677
4836V	76	19	Lw	1.93
6236V	100	26	Lw	3.41
W16	17	6	Lw	0.144
W20	21	7	Lw	0.198
W25	26	8	Lw	0.215
W31.5	33	10	Lw	0.43
W40	42	13	Lw	0.562
W50	52	16	Lw	1.03
W63	65	20	Lw	1.71
W80	83	26	Lw	2.45
W100	104	32	Lw	4.33

Automotive Belt



Type	Top Width (mm)	Height (mm)	Wedge Angle	Length Standard	Weight/m (kgs)
AV10	10.7	8	36	La	0.062
AV13	13	9	36	La	0.099
AV15	15	11	38	La	0.14
AV17	17	11	38	La	0.176
AV22	22.2	13.5	38	La	0.276

Motorcycle Belt



Type	Top Width (mm)	Height (mm)	Length Standard	Weight/m (kgs)
VS15	15	8.5	Le	0.132
VS15.5	15.5	8.5	Le	0.138
VS16.5	16.5	8.5	Le	0.15
VS17	17	8.5	Le	0.156
VS18	18	8.5	Le	0.68
VS19	19	10	Le	0.202
VS20	20	10	Le	0.216
VS22	22	11	Le	0.262

Poly V Belt



Type	Height (mm)	Center Distance	Wedge Angle	Length Standard	Weight/m (kgs)
PH	3	1.6	40	Le	0.008
PJ	3.5	2.34	40	Le	0.01
PK	6	3.56	40	Le	0.02
PL	9.5	4.7	40	Le	0.036
PM	16.5	9.4	40	Le	0.124
DPJ	5.6	2.34	40	Le	0.02
DPK	8.8	3.56	40	Le	0.03
DPL	15	4.7	40	Le	0.062

Auto Timing Belt



Type	Pitch	Tooth Height	Belt Thickness	Inter-ToothSpace	Rr	Ra
ZA	9.525	1.91	4.1	0.686	0.51	0.51
MR	9.525	3.54	5.69	0.686	0.76	2.5
RU	9.525	2.29	4.5	0.686	1.02	1.02
ZBS	9.525	2.8	5.1	0.686	1	3.6
Y(MY)	8	3.06	5.21	0.686	0.3	2.2
ZD	9.525	3.5	5.5	0.686	0.76	2.45
S8M	8	3.04	5.2	0.686	0.64	0.11
YU	8	3.05	5.2	0.686	0.3	0.078

Trapezoidal Timing Belt



Type	Pitch	Tooth Height	Belt Thickness	Angle	Allowed Min Diameter D(mm)	Weight/ m(kgs)
MXL	2.032	0.51	1.14	40	15	0.0014
XXL	3.175	0.76	1.52	50	15	0.0018
XL	5.08	1.27	2.3	50	15	0.0025
L	9.525	1.91	3.6	40	20	0.0035
H	12.7	2.29	4.3	40	40	0.0047
XH	22.225	6.35	11.2	40	70	0.011
XXH	31.75	9.53	15.7	40	100	0.0132
T2.5	2.5	0.7	1.3	40	15	0.0018
T5	5	1.2	2.2	40	15	0.0027
T10	10	2.5	4.5	40	20	0.0052
T20	20	5	8	40	70	0.0113
AT5	5	1.5	2.7	50	20	0.0037
AT10	10	2.5	5	50	40	0.0064
AT20	20	5	8	50	80	0.011

HTD & STD & RPP Timing Belt



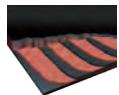
Gear Code	Type	Pitch	Tooth Height	Belt Thickness	Allowed Min Diameter D(mm)	Weight/ m(kgs)
H	2M	2	0.75	1.36	15	0.0023
	3M	3	1.17	2.4	15	0.0029
	5M	5	2.06	3.8	25	0.0038
	8M	8	3.36	6	40	0.0066
	14M	14	6.02	10	80	0.0111
	20M	20	8.4	13.2	80	0.0177
S	S2M	2	0.76	1.36	15	0.0023
	S3M	3	1.14	2.2	15	0.0029
	S4.5M	4.5	1.71	2.81	25	0.0033
	S5M	5	1.91	3.4	25	0.0037
	S8M	8	3.05	5.3	40	0.0057
	S14M	11	5.3	10.2	80	0.0106
RPP/ HPPD	RP2M	2	0.76	1.36	15	0.0023
	RP3M	3	1.15	1.9	15	0.0029
	RP5M	5	1.95	3.5	25	0.0037
	RP8M	8	3.2	5.5	40	0.0057
	RP14M	14	6	10	80	0.0106

Double Sides Timing Belts



Type	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)
DA-XL	5.08	1.27	3.05
DA-L	9.525	1.91	4.58
DA-H	12.7	2.29	5.96
DA-3M	3	1.17	3.1
DA-5M	5	2.06	5.26
DA-8M	8	3.48	8.17
DA-14M	14	6.02	14.8
DA-S5M	5	1.91	5
DA-S8M	8	3.05	7.5

Multi-ply Textile Conveyor Belts



BAIQUAN multi-ply textile conveyor belts with advantages of light weight, high modulus, good impact resistance, low elongation, weak elasticity, good troughability, anti-humidity and anti-insect, suitable for transportation in medium or long distance with heavy load under the high speed working condition.

Item	Structure		Item	Carcass (mm)	Tensile strength(N/mm)						Top cover (mm)	Bottom cover (mm)	Wide range (mm)
	Wrap	Weft			2ply	3ply	4ply	5ply	6ply				
EP/NN	Polyester/ Nylon	Nylon	EP100	1	200	300	400	500	600				
			EP125	1	250	375	500	625	750				
			EP150	1.1	300	450	600	750	900				
			EP200	1.2	400	600	800	1000	1200				
			EP250	1.4	500	750	1000	1250	1500				
			EP300	1.6	600	900	1200	1500	1800	1.5-20	1.5-10		100-2500
			EP350	1.7	700	1050	1400	1750	2100				
			EP400	1.9	800	1200	1600	2000	2400				
			EP500	2.1	1000	1500	2000	2500	3000				
			EP630	2.6	1200	1800	2400	3150	3600				

Item	Structure		Carcass (mm)	Tensile strength(N/mm)						Top cover (mm)	Bottom cover (mm)	Wide range (mm)
	Wrap	Weft		2ply	3ply	4ply	5ply	6ply				
CC56	Cotton	Cotton	1.1	112	168	224	280	336	1.5-20	1.5-10	100-1600	
TC70	Polyester	Cotton	1	140	210	280	350	420	1.5-20	1.5-10	100-1600	

Steel Cord Conveyor Belts



BAIQUAN steel cord conveyor belts are widely used in high strength, long distance and heavy load transportation of materials. Also used in high strength and short distance transportation at high speed.

Item	ST630	ST800	ST1000	ST1250	ST1600	ST2000	ST2500	ST3150	ST3500	ST4000	ST4500	ST5000
Tensile strength (N/mm)	630	800	1000	1250	1600	2000	2500	3150	3500	4000	4500	5000
Cord diameter(mm)	3	3.5	4	4.5	5	6	7.2	8.1	8.6	8.9	9.7	10.9
Cord pitch(mm)	10	10	12	12	12	12	15	15	15	15	16	17
Min.breaking force (KN)	7	8.9	12.9	16.1	20.6	25.6	40	50.5	56	63.5	76.3	91
Top cover thickness(mm)	5	5	6	6	6	8	8	8	8	8	8	8.5
Bottom cover thickness(mm)	5	5	6	6	6	8	8	8	8	8	8	8.5
Minimum pulley diameter	500	500	630	800	1000	1000	1250	1400	1600	1600	1600	1800
Weight (kg/m ²)	19	20.5	23.1	24.7	27	34	36.8	42	46	49	53	58

Note: Cover thickness, cord diameter, and cord pitch can be manufactured according to customer's requirements.

International Standard

Standards	Cover Rubber			Cover to Ply			Standards	Cover Rubber			Cover to Ply		
	Tensile Strength	Elongation at break	Abrasion	Cover to Ply	Adhesion	Ply to Ply		Tensile Strength	Elongation at break	Abrasion	Cover to Ply	Adhesion	Ply to Ply
DIN 22102	Mpa	%	mm ³	N/mm (≤1.5mm)	N/mm <td>N/mm</td> <td>RMA</td> <td>Mpa</td> <td>%</td> <td>mm³</td> <td>N/mm (≤1.6mm)</td> <td>N/mm<br (>1.6mm)<="" td=""/><td>N/mm</td></td>	N/mm	RMA	Mpa	%	mm ³	N/mm (≤1.6mm)	N/mm <td>N/mm</td>	N/mm
DIN 22102-Z	15	350	250	3.5	4.5	5	RMA-I	17	400	125	3	4.4	4
DIN 22102-W	18	400	90	3.5	4.5	5	RMA-II	14	400	200	3	4.4	4
DIN 22102-Y	20	400	150	3.5	4.5	5							
DIN 22102-X	25	450	120	3.5	4.5	5							

Anti-tear Fabric Conveyor Belt



BAIQUAN anti-tear Fabric Conveyor Belt suitable for transportation of hard and sharp materials in larger drop height occasions, used in lines of mines, ports, electricity, metallurgy, chemical industry, coal mines, etc.

Anti-tear Steel Cord Conveyor Belt



BAIQUAN anti-tear Steel Cord Conveyor Belt prevention of longitudinal tear caused by foreign matter or large objects with sharp edges.

Straight Warp Conveyor Belt



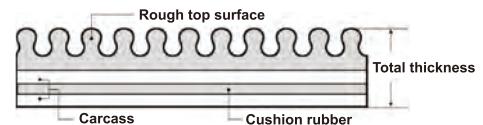
BAIQUAN straight warp conveyor belts are suitable for conveying materials in larger drop height, high load and high speed occasions, which are widely used in mines, ports, electricity, etc.

Rough top conveyor belts



BAIQUAN rough top conveyor belt's uneven cover rubber surface prevents slippage while preventing vibration of, or absorbing and reducing impact to transport materials by providing a cushion effect. This belt is ideal for transporting plywood or packed items.

Edge	No. of ply	Top cover	Bottom cover
C/E	2	1/8" (3.2 mm)	1/16" (1.6 mm)
C/E	2	1/8" (3.2 mm)	Bare back
C/E	3	1/8" (3.2 mm)	1/16" (1.6 mm)
C/E	3	1/8" (3.2 mm)	Bare back



Elevator conveyor belts



BAIQUAN Elevator conveyor belt is made of anti-tearing EP canvas or steel cord as center material with anti-tearing rubber cover, good application capability, running steadily, low maintenance.

Type	Ply	Cover Thickness (mm)
EP100/EP125/ EP150/EP200	2--8	0.8+0.8

Sidewall conveyor belts

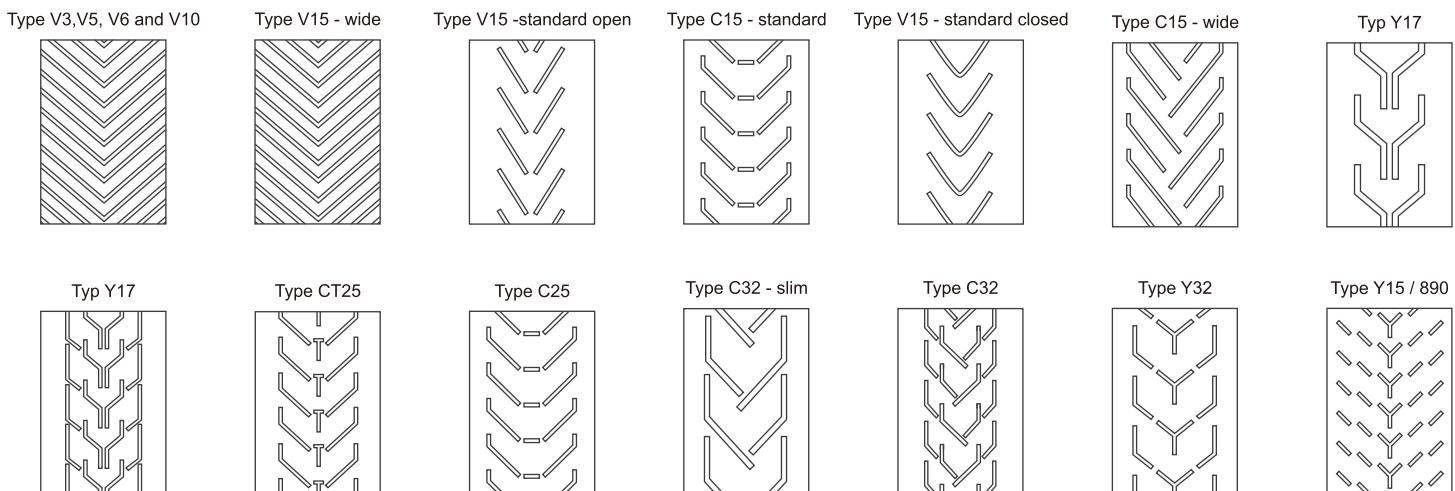


BAIQUAN sidewall conveyor belts can be used for horizontal, sloping or vertical conveyance, it is one of the most effective ways of elevating materials in a confined space, the economy is achieved by single belts operation, wide range material can be handled, less space and requirement, no transfer point, low maintenance and big capacity. .

Chevron conveyor belts



For gradient angles of more than 18°, bulk material cannot be transported using ordinary textile conveyor belts. Chevron conveyor belts are used instead.



Flat Transmission Belts



BAIQUAN flat Transmission belts are mainly used in factories, mines, docks, metallurgical industry, ordinary mechanical power transmission, great power processing of grains like rice and wheat, irrigation equipment, wood cutting and other power transmitting equipment for industry and agriculture.

Category: 28 OZ(ounce), 30 OZ(ounce), 32 OZ(ounce), 34 OZ(ounce) and 36 OZ(ounce).



Cut Edge



Mould Edge

Application areas



- Stone quarries



- Sand and gravel industry



- Mining industry



- Ports and transshipment operations



- Wood industry



- Chemical industry



- Grain industry



- Coal-fired power industry



- Cement industry



- Power and heating plants

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