



SIDEWALL CONVEYOR BELT

Corrugated Sidewall Conveyor Belt

Features

Corrugated sidewall conveyor belt is one of the most effective ways of elevating materials in a confined space, the economy is achieved by: single belt operation, wide range material can be handled, less space requirement, no transfer point, low maintenance and big capacity. Corrugated sidewall belt can be designed into a set of complete transportation system accord with application.

Applications

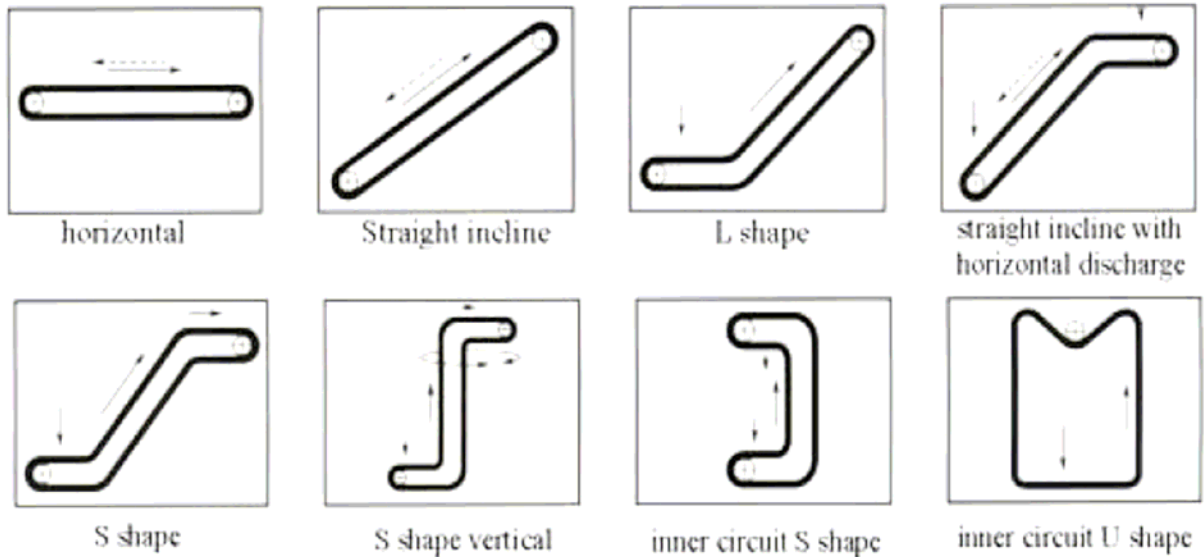
Used in cement plants, coal-fired power plants, ports, and chemical industry.

Cross-stabilized base belt Base Belt Structure

Four parts: top cover rubber; bottom cover rubber; reinforced core; cross-rigid. Thickness of top cover rubber: 3-6mm; Thickness of bottom cover rubber: 1.5-4.5mm.



Sidewall belt with cleats



Belt core

Cotton, Nylon, EP or Steel Cord.

The width and specification is the same as the general belts.

Corrugated sidewall We manufacture the corrugated sidewall with tearing-resistant cotton to re-inforce the belt tearing strength for longer lifespan.

S type corrugated sidewall has three kinds

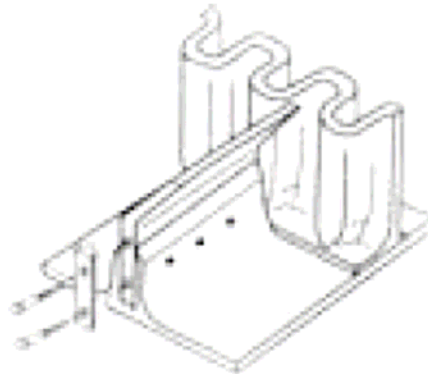
light type (N); middle type (S); heavy type (ES).

Type	H (mm)	Bw (mm)	Bf (mm)	weight (kg/m ²)
Light type (N)	60	34	40	1.24
	80	40	50	1.5
	100	42	50	2.0
Middle type (S)	120	42	50	2.65
	160	63	75	4.42
	200	63	75	5.82
	220	63	75	6.37
240	63	75	8.50	
Heavy type (ES)	300	89	105	12.4

	400	89	105	15.0
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Cleat types T, TS, C, TC and TCS Cleat types: T, TS, C, TC and TCS The cleat is made of enforced fabric, solid, anti-shock to avoiding distortion “TS and TCS” cleat are normally used for abrasion condition. “T and TS” cleat are normally used up to 40o inclination; “C,TC and TCS” are normally used from 40 o to 90 o.

Sidewall, cleat and base belt are joined through double hot vulcanization method. Cleat and sidewall are joined through bolt to prevent leakage of material.



Base belt width (B)	Sidewall height (H)	Cleat height (H1)	Sidewallwidth (Bf)	Effective belt width (Br)	Free edge (R)
300	40	35	25	180	35
	60	55	50	120	40
	80	75			
400	60	55	50	180	60
	80	75			
	100	90			
500	80	75	50	250	75
	100	90			
	120	110			
650	100	90	50	350	100
	120	110			
	160	140	75	300	
800	120	110	50	460	120
	160	140	75	410	
	200	180			
1000	160	140	75	550	150
	200	180			
	240	220			
1200	160	140	75	690	180
	200	180			
	240	220			
	300	260	105	630	
1400	200	180	75	830	210
	240	220	75	970	
	300	260			
	400	360			
1600	200	180	75	910	240
	240	220			
	300	260	105	910	
	400	360			
1800	240	220	75	1110	270
	300	260	105	1050	
	400	360			
	500	460	125	1010	