

germanBelt[®]



Corrugated sidewall conveyor belt



Steep transport for bulk materials

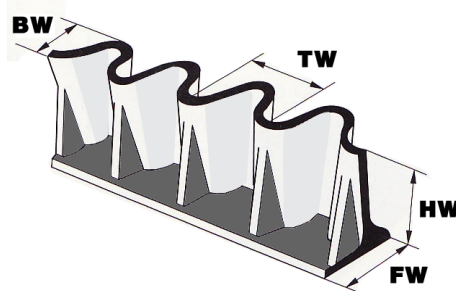
germanBelt® corrugated sidewall conveyor belts consist of a laterally stable germanCross basic belt and corrugated sidewalls, and cleats. The sidewalls are attached to both sides of the germanCross basic belt along the direction of travel. As the cleats are installed at a right angle to the direction of travel, they and the sidewalls form corrugated boxes for transporting the material. germanBelt® corrugated sidewall conveyor belts are individualized by using corrugated sidewall profiles of heights from 40 mm to up to 630 mm and cleats of heights from 35 mm to up to 600 mm. This means that germanBelt® corrugated sidewall conveyor belts can be made to fit any individual case. germanBelt® corrugated sidewall conveyor belts allow inclined transport in the smallest of spaces.

- **VERTICAL TRANSPORT**
- **OPTIMISED MATERIALS TRANSPORT PROCESS**
- **SIGNIFICANT COST BENEFITS**
- **HIGH RELIABILITY**

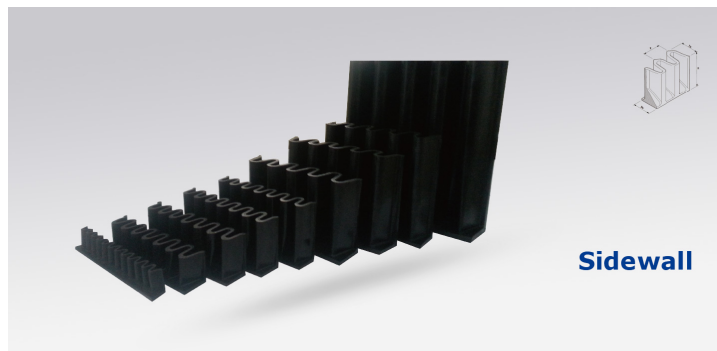
Sidewalls

Corrugated sidewall profiles with heights from 40 mm to up to 630 mm

We use self-produced sidewalls with profile heights from 40 mm to up to 630 mm. In combination with our cleats, which we also manufacture ourselves, we can design and produce the optimal corrugated sidewall belt whatever the individual case. Our germanBelt® corrugated sidewalls for sidewall conveyor belts are available in standard quality, in oil or grease resistant quality and in heat resistant quality. With or without fabric reinforcement.



HW	FW	BW	TW	EST Weight (kg/m)
40	30	20	25	0.45
60	50	45	40	1.38
80	50	45	40	1.70
100	50	45	40	2.00
120	50	45	40	2.65
120	75	65	63.5	3.20
160	75	65	63.5	4.20
200	75	65	63.5	5.02
240	75	65	63.5	7.50
250	75	65	63.5	7.80
280	75	65	63.5	8.70
300	75	65	63.5	9.40
300	100	90	83	10.10
400	100	90	83	14.80
500	105	95	89	19.10

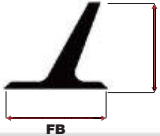
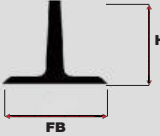
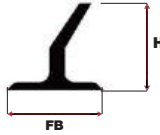



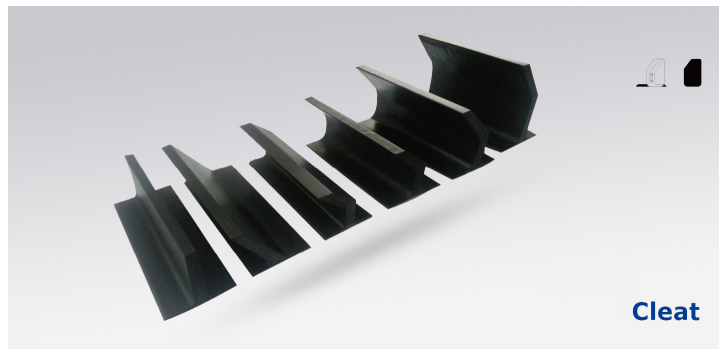
Sidewall

Cleats

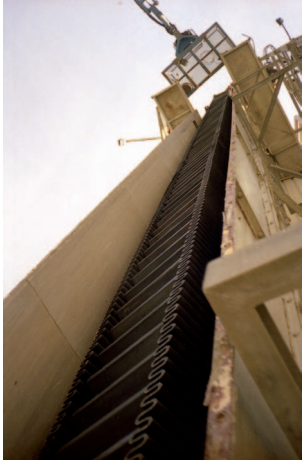
Corrugated sidewall profiles with heights from 40 mm to up to 300 mm

We produce cleats in 4 different designs: T, C or TC cleats as well as multi-part cleats. Our germanBelt® cleats for corrugated sidewall conveyor belts are available in standard quality, in oil or grease resistant quality and in heat resistant quantity. With or without fabric reinforcement.

	TYPE	H	FB	EST Weight (kg/m)	Min Pulley Dia.
C		55	100	1.45	125
		75	100	2.00	150
		90	110	2.81	250
		110	110	3.27	315
T		55	100	1.61	125
		75	100	2.20	150
		90	110	2.70	250
		110	110	3.23	315
		140	160	5.49	400
		180	160	6.67	500
TC		230	160	8.60	630
		55	75	1.13	125
		75	100	1.82	150
		90	110	3.22	250
		110	110	3.94	315
		140	150	5.49	400
Muti Part		180	150	6.81	500
		230	160	8.68	630
		280	180	14.90	800
		230	160	13.80	630
		280	160	15.30	800
		360	230	22.80	1000
		470	230	30.80	1250



Base belts



In inclined transport with germanBelt® corrugated sidewall conveyor belts we use laterally stable conveyor belts - the germanCross basic belts. This lateral stability makes it possible to change horizontal to vertical direction of travel to vertical and vice versa.

This means optimal transport on the smallest space.

- **Grade: standard; oil or grease resistant; heat resistant; flame resistant**
- **Base Belt: 300-2400mm**
- **Belt Strength: 250-7500N/mm**
- **Computurised belt selection systems**

Handling and Storage

We recommend that the germanBlet® corrugated sidewall belt to be stored in steel crate or container during transportation until installation. The belt should be stored in a place that is dry, away from direct sunlight and thermal environment.

