

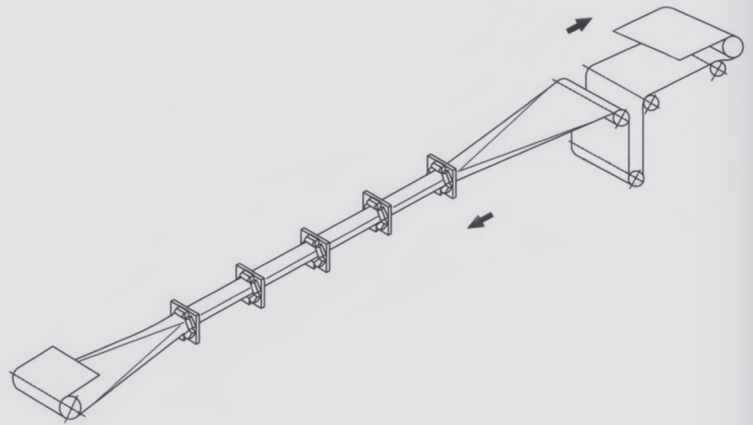
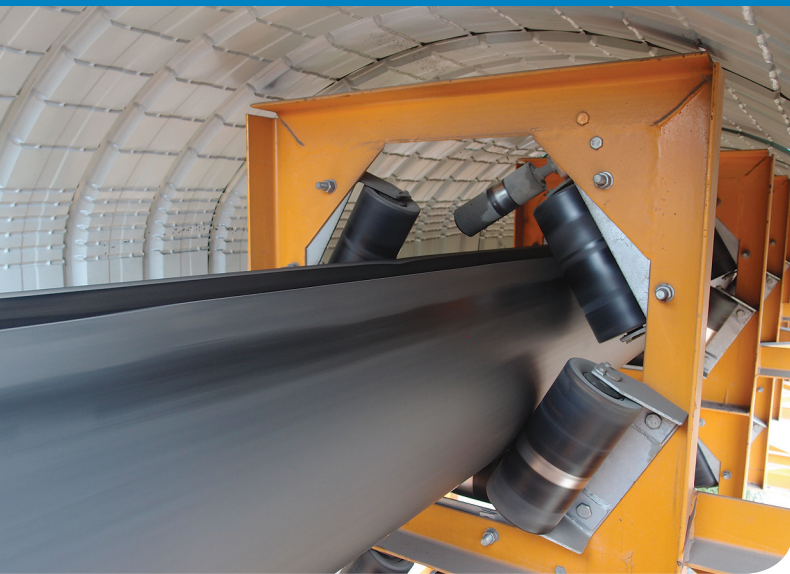


Rubber Conveyor Belts  
Pipe



## Pipe Conveyor Belts

- The Pipe Conveyor Belt is suitable for use in tougher conditions and requires application of special tubular-type conveyors. Due to its special carcass construction the belt runs like a tube which opens only when loaded and unloaded. The system remains closed and dust-tight even when bulk solids are conveyed in horizontal or vertical curves.

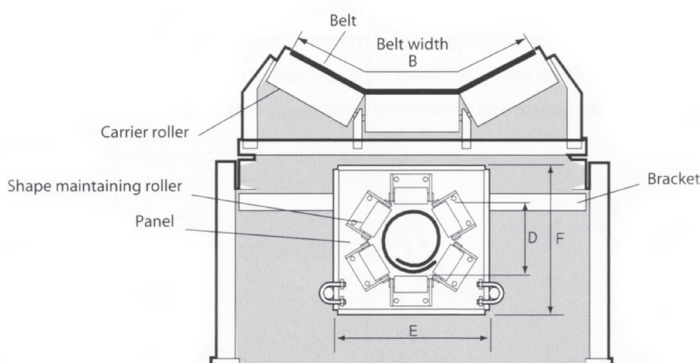


### FEATURES

- Prevents transport materials from flying, spilling or mixing with foreign substances as transported in a sealed pipe.
- Consumes less energy than ordinary conveyor lines.
- 3-dimension layouts are available with openings at top, bottom, left or right.
- Allows for maximum 30 degree incline transport, much steeper than ordinary conveyor belts.
- Occupies minimum installation space.
- Generates much less noise than ordinary conveyor lines.

### APPLICATION GROUPS

- Cement and concrete plants
- REA - or gypsum plants
- Lime industry
- Tunnel construction
- Conveying dusty and fine-grained material
- Material of lower density and environmentally hazardous material
- Silo conveyors
- Conveyors crossing roads (bridge conveyors)
- Heating stations, power stations, garbage incinerating plants



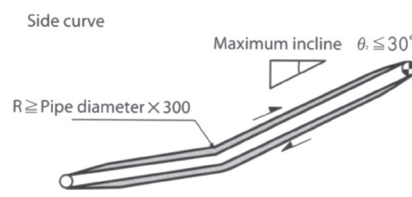
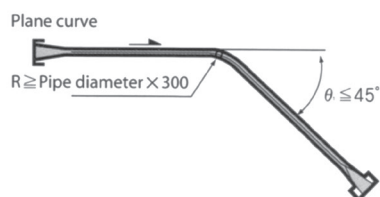
## SPECIFICATIONS AND CONVEYING EFFICIENCY

Inner pipe diameter (mm)	Loading area (m <sup>2</sup> )	Conveying speed (m/mm)	Conveying volume (m <sup>3</sup> /Hr)
150	0.013	120	95
200	0.024	130	184
250	0.037	140	309
300	0.053	150	477
350	0.072	175	758
400	0.094	200	1131
500	0.147	225	1988
600	0.212	250	2875
700	0.289	275	3931
800	0.377	300	5157

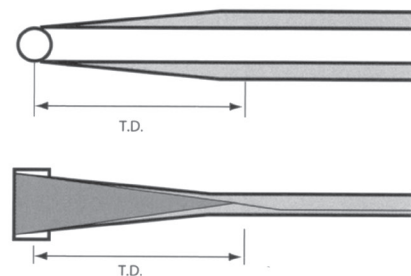
## STANDARD SPECIFICATIONS

Pipe diameter (mm)	Belt width	Standard strength (kN/m)				
		200	315	500	630	800
150	600	3.0 x 2.0	3.0 x 2.0			
200	780	3.0 x 2.0 / 5.0 x 2.0	3.0 x 2.0 / 5.0 x 2.0	3.0 x 2.0 / 5.0 x 2.0		
250	950		3.0 x 2.0 / 5.0 x 2.0	3.0 x 2.0 / 5.0 x 2.0	3.0 x 2.0 / 5.0 x 2.0	
300	1100		3.0 x 2.0 / 5.0 x 2.0	3.0 x 2.0 / 5.0 x 2.0	3.0 x 2.0 / 5.0 x 2.0	
350	1300			3.0 x 2.0 / 5.0 x 2.0	5.0 x 2.0	5.0 x 2.0
400	1500				5.0 x 2.0	5.0 x 2.0
500	1850				5.0 x 2.0	5.0 x 2.0

## LAYOUT CONDITIONS OF PIPE CONVEYOR



Trough change distance (T.D.)  
 (T.D.)  $\geq$  Pipe diameter  $\times$  25





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