



TROUGH CONVEYOR BELTS

Troughed belt conveyors are suitable for transporting bulk materials of all kinds. Compared to other conveyor systems, belt conveyors allow high speeds with large volume throughputs due to their mode of operation.

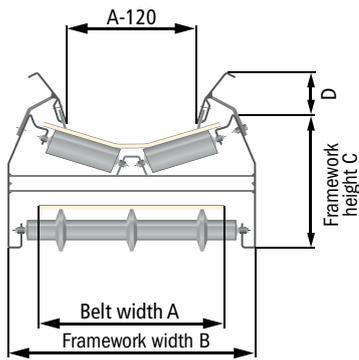
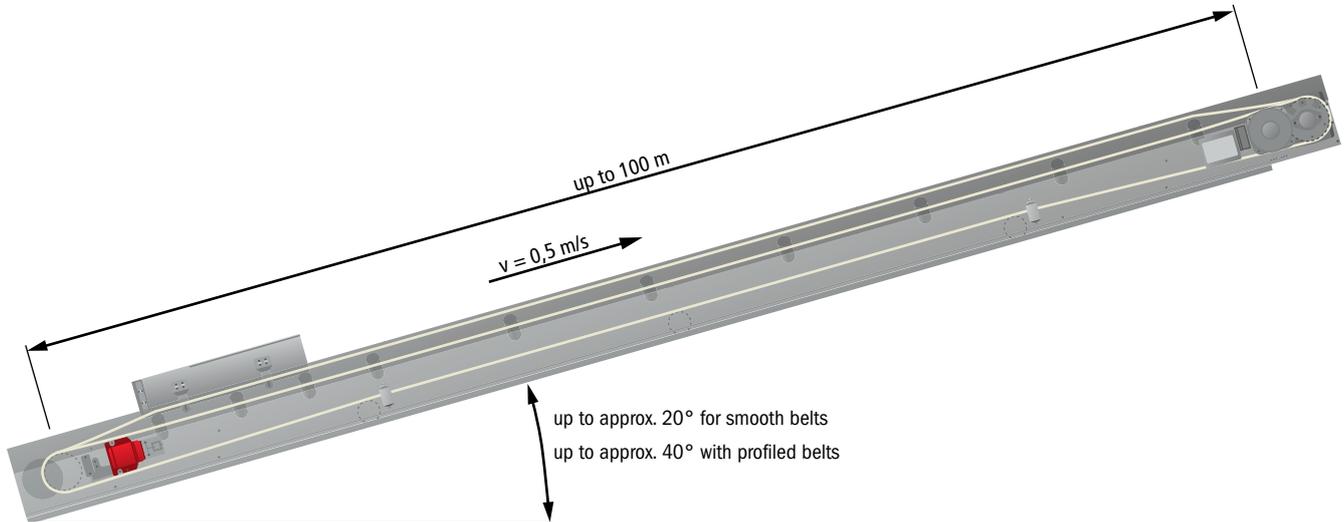
The PURATEK swiveling device enables variable discharge points. Heavy-duty ball race slewing rings and the torsion rigid design, allow the conveyor to cantilever distance up to 6 m. Optional hydraulic driven height adjustment, allows adaptation to the bulk material pile. With the motorized swiveling device, the swivel radial angles of 180/360° can be achieved, which result in a large usable loading area. Fully automatic discharging process can be implemented by using of echo sounder system for bulk material pile scanning together with the appropriate control systems.

PURATEK lift cage allows the belt to be moved in the longitudinal direction. The reversible drive of complete belt and the compact dimensions of the lift cage result in a large usable loading area.

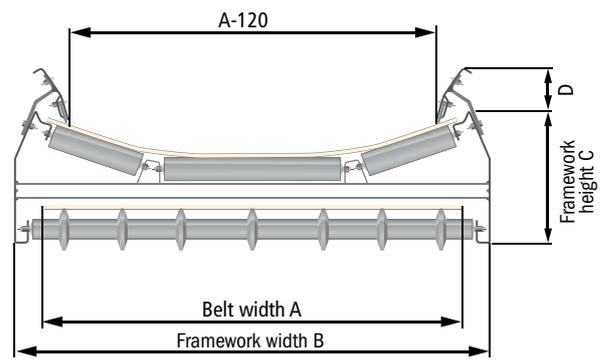


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Technical data and principal dimensions



2-piece trough



3-piece trough

Conveyor belts:

- Rubber belts in normal quality or oil- and grease-resistant
- PVC - belts
- smooth design or with cleats provided

Standard materials for main parts:

- steel painted, hot-dip galvanized
- stainless steel pickled and passivated (Material 1.4301 or 1.4571)

TYPE	THROUGH	A	B	C	D
FM 0402	2-piece	400	535	340	110
FM 0502	2-piece	500	635	340	110
FM 0652	2-piece	650	785	340	110
FM 0653	3-piece	650	785	340	110
FM 0803	3-piece	800	935	340	110
FM 1003	3-piece	1000	1135	340	110

Reinforced framework: C = 450 mm

All dimensions in mm / subject to change without notice / special dimensions and design on request