

BELT CONVEYOR



Description

The Belt Conveyor consists of two pulley system, one driven through a gearbox operation and the other an adjustable trailing pulley. A series of trough idlers help to keep the rubber belt in place, which conveys either screening or sludge waste to the discharge point. The conveyor belt used within wastewater treatment plants is a three ply synthetic rubber belt.

Application

- Wastewater treatment plants
- Water treatment plants
- Irrigation systems
- Sludge plants
- Mining Industry
- Abattoirs
- Food & Beverage



Features & Benefits

- High loading capacity
- Substantial solid handling capacity
- Conveys material over long distances
- Low power consumption vs. volumes moved
- **Optional Extras:** Variable speed drive
Side mount splash plates
Frame mounted belt waste plates



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Performance & Specification

Belt Conveyor - Estimated Flow Rates

- We manufacture to suit non-standard openings
- Table data subject to change to suit civil and flow conditions
- All dimensions in mm

MODEL	BELT WIDTH (A)	RECOMENDED MAX LUMP SIZE		TROUGH ANGLE (°) (C)	SPEED (M/S)					
		SIZED	UNSIZE D		0.5	0.8	1.2	1.6	2.0	2.5
BC600	600	27	3.4	20	59	95	142	190	236	297
		69	4.4	27	66	106	160	213	266	333
		138	4.15	30	69	110	164	218	274	342

