

Kleenbelt Conveyor



The Guttridge Kleenbelt Conveyor provides a unique but well proven solution to the requirements of transporting materials where product spillage or emission is to be avoided. The design features an effective sealing of the top section of the conveyor belt via trough plates, combined with a central supporting roller. Enclosed Kleenbelt models also feature top covers which, when combined with belt scrapers and dust extraction systems, ensure effective product and dust containment.



Key product features

- **Uniquely designed belt conveyor.**
- **Available in 5 standard model sizes with capacities up to 1000 cu.m/hr.**
- **All versions designed to convey materials without spillage.**
- **Enclosed models also facilitate effective dust containment.**
- **Material throughputs optimised via smooth nature of belt support.**
- **Design features central supporting roller and trough plates to form an effective seal.**
- **Wide selection of belt scrapers available to suit materials characteristics.**
- **Kleenbelts can be supplied in mild steel, galvanised, or stainless steel construction.**

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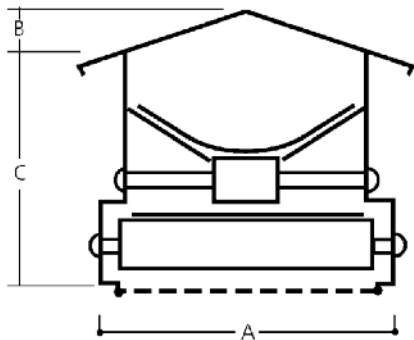
Bulk Materials Handling

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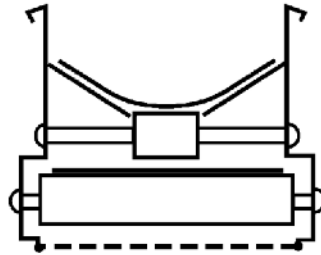
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Some examples of materials that may be carried on Kleenbelt Conveyors

- Aluminium Oxide
- Animal Feed Pellets
- Bauxite
- Bicarbonate of Soda
- Burnt Lime
- Calcined China Clay
- Carbon Black
- Cement
- Cement Clinker
- Chalk
- Coal
- Coal Fines
- Coke Breeze
- Fertiliser
- Flyash
- Granite (crushed)
- Gravel
- Green Barley
- Green Malt
- Iron Oxide
- Lead Dross
- Lead Ore
- Limestone Crushed
- Linoleum Mixture
- Magnesium Oxide
- Peat
- Plasterboard (crushed)
- Potash
- Rolled Oats
- Rubber Crumb
- Salt
- Sand
- Sewage Screenings
- Sinter Ash (wet)
- Sinter Dust
- Slag (crushed)
- Soda Ash
- Sodium Perborate
- Sugar
- Titanium Dioxide Filter Cake
- Tobacco
- Whey
- Wood Pulp
- Zinc Ore



Enclosed Kleenbelt



Anti spillage Kleenbelt

Key Dimensions

Model Number	Model Number		
	A	B	C
500	626	88	487
650	776	108	
800	926	129	
900	1026	142	
1200	1350	162	604

Nominal Capacities in Cu.m/hour

Typical Belt Speeds		1.0m/sec		1.5m/sec		2.0m/sec		2.5m/sec		3.0m/sec	
Example material repose analysis		10	20	10	20	10	20	10	20	10	20
Conveyor	500	56	73	83	109	111	145	139*	181*	167*	218*
	650	98	134	147	201	196	268	245*	335*	294*	401*
Model	800	145	206	217	309	290	411	362	514	435*	617*
Width	900	181	262	271	394	361	525	452	656	542*	787*
	1200	374	537	560	806	748	1075	935	1342	-	-

NOTE:

The above figures reflect maximum nominal capacities for use in horizontal applications at full surcharge loads. Each application requires individual consideration and this and specification features require review for higher belt width/speed combinations marked*.

The availability and technical specifications of the products described in this brochure are subject to revision without notice.



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