

The **Enclosed Belt Conveyor TBC** has been designed for non-stop daily use throughout the year. Their construction with S350GD quality and Z-600 coated galvanized steel means they are extremely durable and allows them to work with a wide range of grains, seeds, legumes and pellets.



Input and output hoppers

Tensioning section

Intermediate section

Head section

## GENERAL CHARACTERISTICS

• Enclosed type design to avoid the release of dust	• Inspection windows on both sides
• Automatic roller centering	• Torque arm built into the head
• Large transport capacity	• Inlets and outlets protected with metallic wear resistant material
• Self-regulating scraper in the head	• Bearing adjustment system in the tail
• Overflow detector	• Sides with reinforced ribs
• Self protected head	• Inspection window in the tail
• Quick opening system using a hatch	• Inspection view-ports in head and tail and panels removable for easy cleaning

## STANDARD EQUIPMENT

• Belt misalignment detector
• Rotation sensor in tail
• Over flow sensor in head
• Wear resistant floor
• Drive pulley scraper
• Cleaning system in tail with product recovery
• Inlet and outlet hoppers
• Height adjustable legs up to 1.5m

## OPTIONAL EQUIPMENT

• Temperature sensor
• Automatic bearing lubrication
• Stationary tripper for intermediate discharges
• Adjustable legs for heights higher than 1.5m
• ATEX 21 or ATEX 22 certification



MODEL	CODE	Throughput (T/h)	Throughput (m³/h)	Speed (m/s)	Rollers position	Belt width (mm)
TBC 500	BEC 1000/500	500	666,66	2	U	1000
TBC 600	BEC 1000/600	600	800	2,3	U	1000
TBC 700	BEC 1000/700	700	933,33	2,7	U	1000
TBC 800	BEC 1000/800	800	1066,66	3	U	1000

The specified values have been established using a material with a density of 0.75 T/m³ as a reference. The data show above are theoretical and may vary depending on the material and drive system selected.

**Dimensions (mm)**

MODEL	A	B	C	D	E	F	G	H	I	J	x
1000	1900	902	740	700	1680	554	700	1250	1150	747	Variable

The dimensions specified are subject to change without prior notice.

