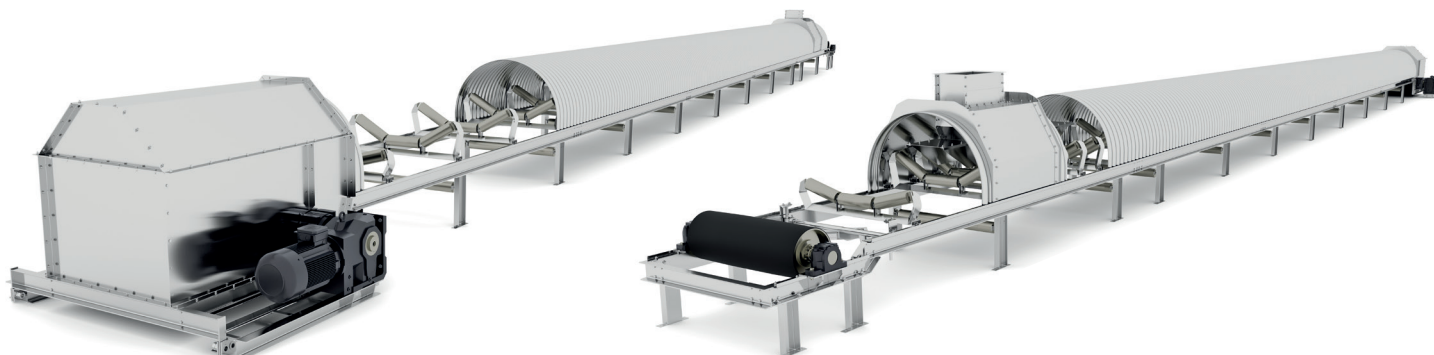




Technical data

RBC Type		800H	1000H	1200H	1400H	1600H
Capacity min-max (bulk density 750 kg/m³)	Weight (t/h)	400-500	600-900	950-1200	1300-1700	1800-2350
	Volume (m³/h)	550-700	900-1150	1250-1650	1750-2300	2450-3150
Belt speed min-max		2,5-3,2 m/s				
Drive unit		Single or dual gearmotor, operating in parallel, splined to the shaft. Complete with backstop device in case of inclination.				
Sound pressure level		Up to 77 dB(A)				
Operating conditions		-15°C to +40°C ambient				

CESCO roller belt conveyors are designed with flexible concept and modular design, for gentle horizontal or slightly inclined conveying of cereals, meals, pellets, and granular products in general. They realise the completely closed conveying of the product, even in reversible mode, with zero loss during the conveying, easy cleaning, maintenance, and safety during operation thanks the complete bolted system used.

They are designed with particular attention to the shape of the internal part of the casing, in order to prevent any deposit of the product at the end of the conveying operation, allow long conveying length with low energy consumption and long machine life.

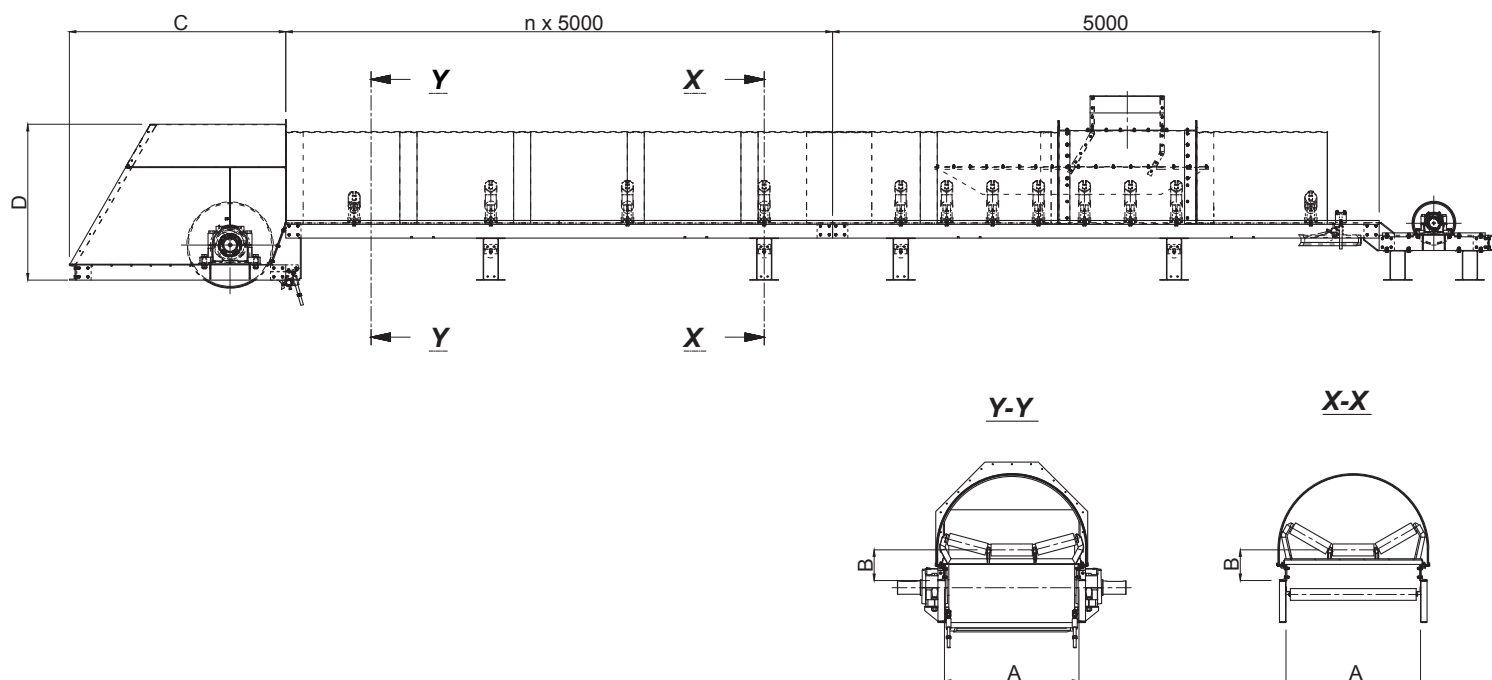
The version RBCH is designed specifically for heavy-duty application, high transport capacity, difficult environmental conditions such as in port terminals or large inland silo plants.

GENERAL CHARACTERISTICS

- Drive station equipped with belt scrapers.
- Tail station equipped with screw tensioning device of the belt up to 60 m length, and with counterweight tensioning device for longer configurations.
- Belt running on 3-rolls transoms and permanently cleaned by internal and external belt scrapers.
- Tripper available for applications with several unloading stations running along the conveyor frame.
- Watertight external top cover realized by hot dip galvanized corrugated steel sheet, suitable for outside installation and fixed by bolts.

Materials

Casing	Standard	Pre-galvanised high tensile steel S235 Z450	
	Optional	Pre-galvanised S235 Z600 Hot-dip-galvanised S235 Z900 Stainless steel Painted steel	
Belt	Standard	Oil-resistant acc. DIN22102 Self-extinguishing acc. DIN22103 Antistatic acc. DIN22104 Polyester polyamide fabrics Black color	
	Optional	Food-safe White color PVC material	
Idlers	Conveying	Steel	1250 mm spacing
	Impact	Steel with rubber rings	350 mm spacing
	Return	Steel with rubber rings	2500 mm spacing
Sensors	Standard	Rotation sensor Misalignment sensor Emergency rope	
	Optional	Overflow sensor Bearing temperature sensors	
ATEX	Standard	Zone 21 inside / ATEX free outside	
	Optional	Zone 21 inside / Zone 22 outside	
Optional accessories		Inlet module Outlet module with integrated belt scraper Counterweight belt tensioning device Watertight top, lateral and bottom covers Local service switch Supporting legs	



Type	Conveying idlers	Belt width mm	A mm	B mm	C mm	D mm
RBC 800H	3 Roller 30°	800	1022	280	1780	1410
RBC 1000H	3 Roller 30°	1000	1222	280	1980	1540
RBC 1200H	3 Roller 30°	1200	1472	280	2180	1665
RBC 1400H	3 Roller 30°	1400	1672	280	2340	1795
RBC 1600H	3 Roller 30°	1600	1872	280	2500	1895