



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

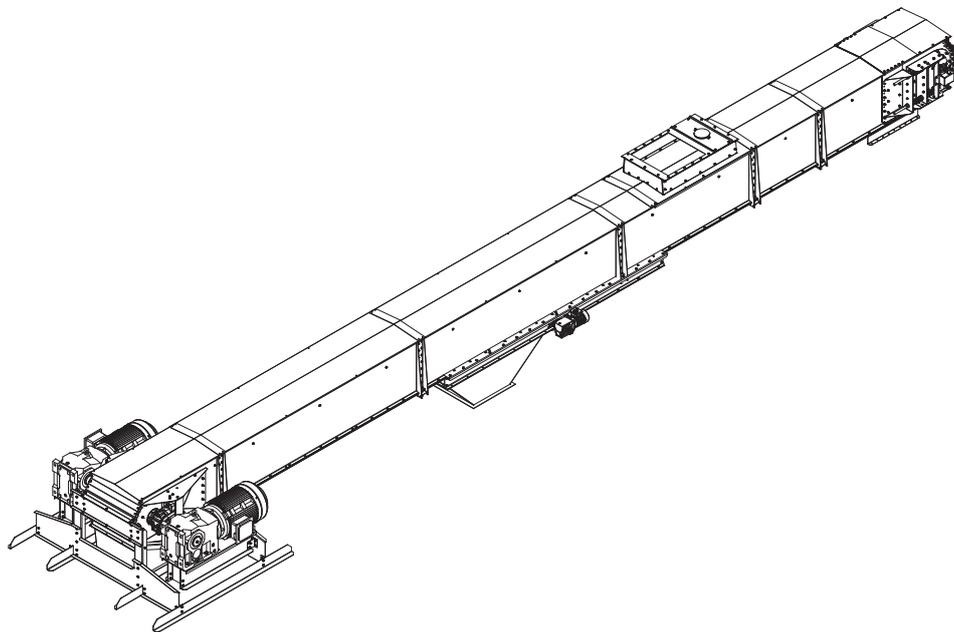
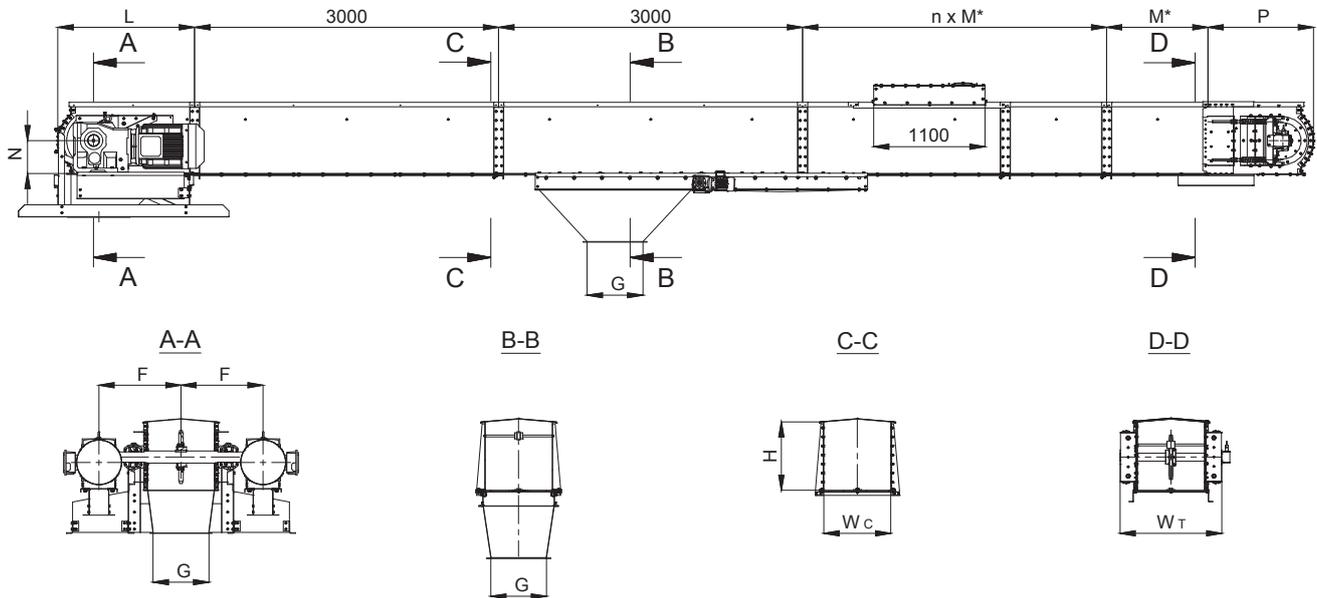
They are designed with particular attention to the shape of the internal part of the casing, in order to limit the wear, extend the life of the machine and prevent deposit of product at the end of the conveying operation.

### GENERAL CHARACTERISTICS

- Head and tail sections with rounded shape.
- Tail section equipped with screw chain adjustment and spring-loaded length and shock absorber.
- Chain sprocket bolted to the shaft and divided in 2 parts for easy maintenance.
- Chain flights equipped with UHMW-PE scrapers.
- Supports of both the drive and the tail shaft completely external allowing easy bearing maintenance.

Technical data					
Type		CC 550	CC 650	CC 900	CC 1200
Capacity (Bulk density 750 kg/m <sup>3</sup> )	Nominal	400 t/h	600 t/h	1000 t/h	1300 t/h
	Maximal	600 t/h	800 t/h	1300 t/h	1700 t/h
Maximum length	60 m				
Drive unit	Head section can be equipped with either a single gear motor or two gear motors operating in parallel, splined to the shaft				
Chain speed	Up to 0.80 m/s				
Standard chain type (DIN8167)	M224	2xM224	2xM315	3xM315	
Sound pressure level	up to 75 dB(A)				
Operating conditions	-15°C to +60°C ambient				

Materials		
Casing	Standard	Pre-galvanized steel S235 Z450
	Optional	Pre-galvanized steel S235 Z600 Stainless steel AISI430 Food grade painted steel S235
Wear resistant bottom lining	Standard	Hardox® 450 steel, 5 mm
Wear resistant side lining (2/3 Height)	Optional	Hardox® 450 steel, 4 mm
Chain	Steel	
Rollers on return	Steel	
Scraper flaps	UHMW-PE, antistatic, 8 mm	
Sensors	Standard	Overflow sensor Rotation control
	Optional	Bearing temperature sensor
ATEX	Standard	Zone 21 inside / ATEX free outside
	Optional	Zone 21 inside / Zone 22 outside
Optional accessories	Outlet chute with UHMW-PE protection Inlet chute Intake pit lateral self-dosing inlet Dust aspiration pipe connection Connection flange for spot filter Electrical / pneumatic / manual slides Return buckets Drop forged chain Top inspection hatch Side inspection window Manual flow control flap Local service switch Supporting legs Double casing Reversible drive system	



Type	F mm	G mm	H mm	L mm	N mm	P mm	W <sub>c</sub> mm	W <sub>t</sub> mm
CC 550	750	550x550	690	1310	330	1345	555	875
CC 650	810	600x600	870	1840	400	1560	650	1000
CC 900	1110	800x800	930	1860	400	1490	900	1230
CC 1200	1410	900x900	930	1860	400	1490	1200	1530

M\* = The casing can be 500 mm, 1000 mm, 2000 mm or 3000 mm long

