



SERETOULIS V. - PROKOPIDIS S. P.C.

***DEVELOPMENT & MANUFACTURING COMPANY
OF ELECTROMECHANICAL INSTALLATIONS***



Belt Conveyors

SP - CCB Series Conveyors

Comprehensive conveyor know - how

Presentation

Compact conveyors are specifically designed for inclusion in mobile, semi-mobile, modular units and for use in extremely static plants. Also it can be used as feeder, replacing conventional feeders.

Side frame is from sheet steel and horizontal frame from welded beams for more rigid.

A crowned tail pulley, coupled with a rubber coated head pulley, ensures excellent tracking and increases belt life.

Assembly & Installation

Our company has designed compact conveyors that are simple to dismantle, transport, assembled and erect. Assembling is required less time. During erection the need for stuff and handling equipment is reduced. Moreover, all parts of our conveyor are being subjected to quality control (measurements, welding, materials supply), during construction and before loading.

If compact conveyor's length is less than 11 m is delivered full assembled. Otherwise we provide assembly manual for each part of conveyor belt and erection guide for the whole conveyor at project location.

In this way we ensure a reliable control of your parts when receive on site.

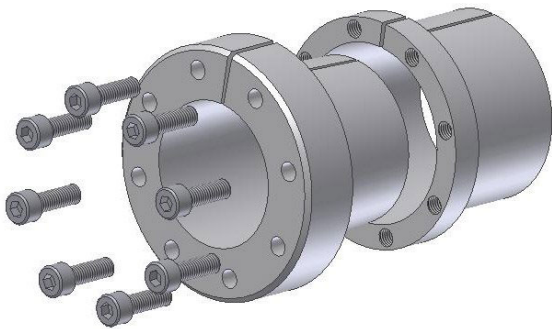
Finally, all components and materials we use are from certificated European Company's.



Thorough Knowledge to Belt Conveyon Engineering

Belt conveyor is generally given less importance of Plant Owners due to its simple nature and general presence in all factories. Statistically thow a less engineered belt conveyor, unfortunately shows the biggest downtime loss in a plant. This will not happen in our belt conveying systems. We provide a lot of simple and thow sophisticated parts of each system that provide perfect operation, less maintenance and downtime. Such parts are:

- Pre-cleaning systems.
- Cleaning systems with antivibration brackets.
- Tail cleaners from polypropylene with high molecular weight.
- Pressure rollers in Heads for increasing wrap angle.
- Self alignment roller stations on both upper and lower side.
- Impact rollers where needed.
- Each return roller with its scraper.
- Taper Lock system to head & tail pulleys.



Features & Benefits

Safety

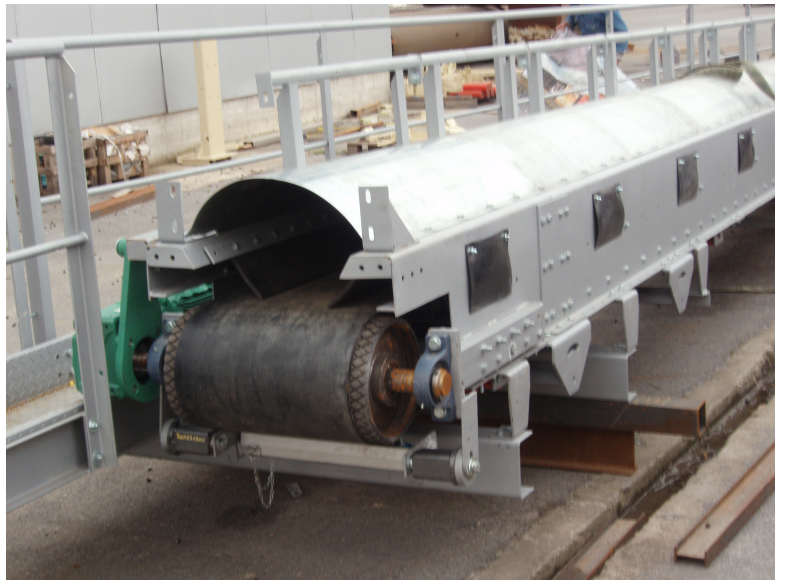
Top priority is people's safety and well - being. The risk of an accident is always present during conveyor's use. Therefore, at our conveyors we use a range of safety devices to assure operator's protection. Standard includes walkways with anti-skid flooring and handrails, electrical safety devices as pull cord emergency switch, safety switch, belt misalignment switch, rotation detector. Additional safety devices is also systematically proposed.

Maintenance

Our conveyors are designed in order to reduce maintenance and servicing time. All our components are selected from respectable European suppliers and have been calculated for a 20000 hours life span. Walkways, with anti-skid flooring, are used to facilitate inspection and servicing conditions. Alike, the full accessibility to different components reduces the maintenance time.

Environment

Our company, conscious to environmental protection has developed a range of cover systems, which are tough, flexible, aesthetic , having simultaneously excellent sealing.



Specifications

Description			Belt width (mm)				
			SP_CCB-500	SP_CCB-650	SP_CCB-800	SP_CCB-1000	SP_CCB-1200
TAIL	Length	(mm)	1000				
	Tension Length	(mm)	300			400	
	Pulley dia.	(mm)	245			270	
HEAD	Length	(mm)	1050				
	Power	(Kw)	2.2 - 4	4 - 5.5	4-7.5	5.5 - 9.2	7.5 - 11
	Pulley dia.	(mm)	300			340	
FRAME	Lengths	Standard frame (m)	1 - 2 - 3 - 4 - 5 - 6				
	Max. Range Length	(m)	15	18	20	22	25
	Overall Width	(mm)	734	852	1020	1220	1470
	Overall Height	Standard frame (m)	400	400	420	480	520
ROLLERS	Carrying Side	Ø x L (mm)	89 x 200	89 x 200	89 x 250	89 x 315	89 x 380
		Idlers spacing (mm)	1000 (250 under feed chute)				
		No. of idlers /set	2	2	2	2	2
		Shaft: Ø x L (mm)	20 x 226	20 x 226	20 x 276	20 x 341	20 x 406
	Carrying Middle	Ø x L (mm)	89 x 200	89 x 315	89 x 380	89 x 465	89 x 465
		Idlers spacing (mm)	1000 (250 under feed chute)				
		No. of idlers /set	1	1	1	1	1
		Shaft: Ø x L (mm)	20 x 226	20 x 341	20 x 406	20 x 491	20 x 491
	Return	Ø x L (mm)	89 x 600	89 x 750	89 x 950	89 x 1150	89 x 1400
		Idlers spacing (MM)	3000				
		No. of idlers /set	1				
		Shaft: Ø x L (mm)	20 x 226	20 x 276	20 x 341	20 x 406	20 x 491

References

Greece / Pella

50 tn/h Cement Plant



Greece / Drama

10 tn/h Pet Coke Grinding Plant



Cyprus

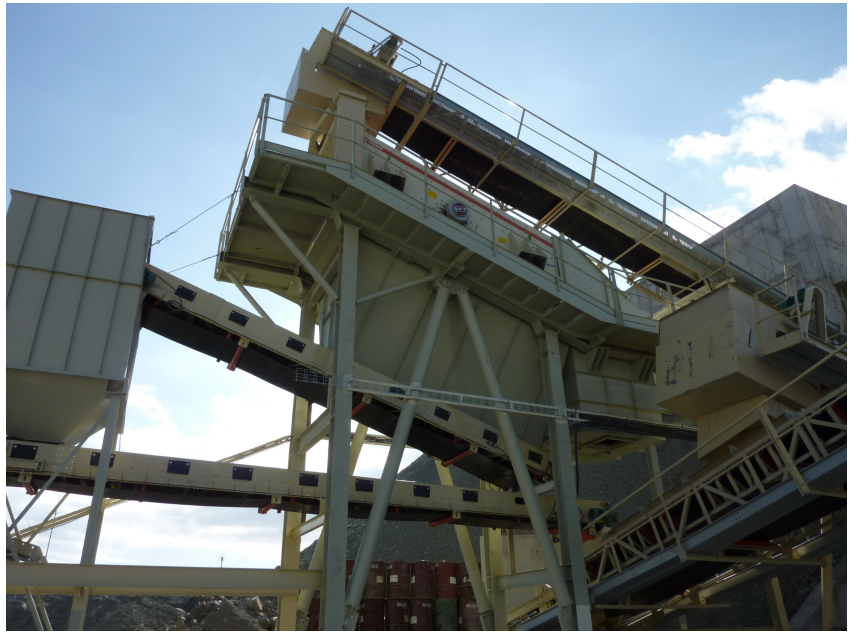
800 tn/h Basalt Quarry



References

Cyprus

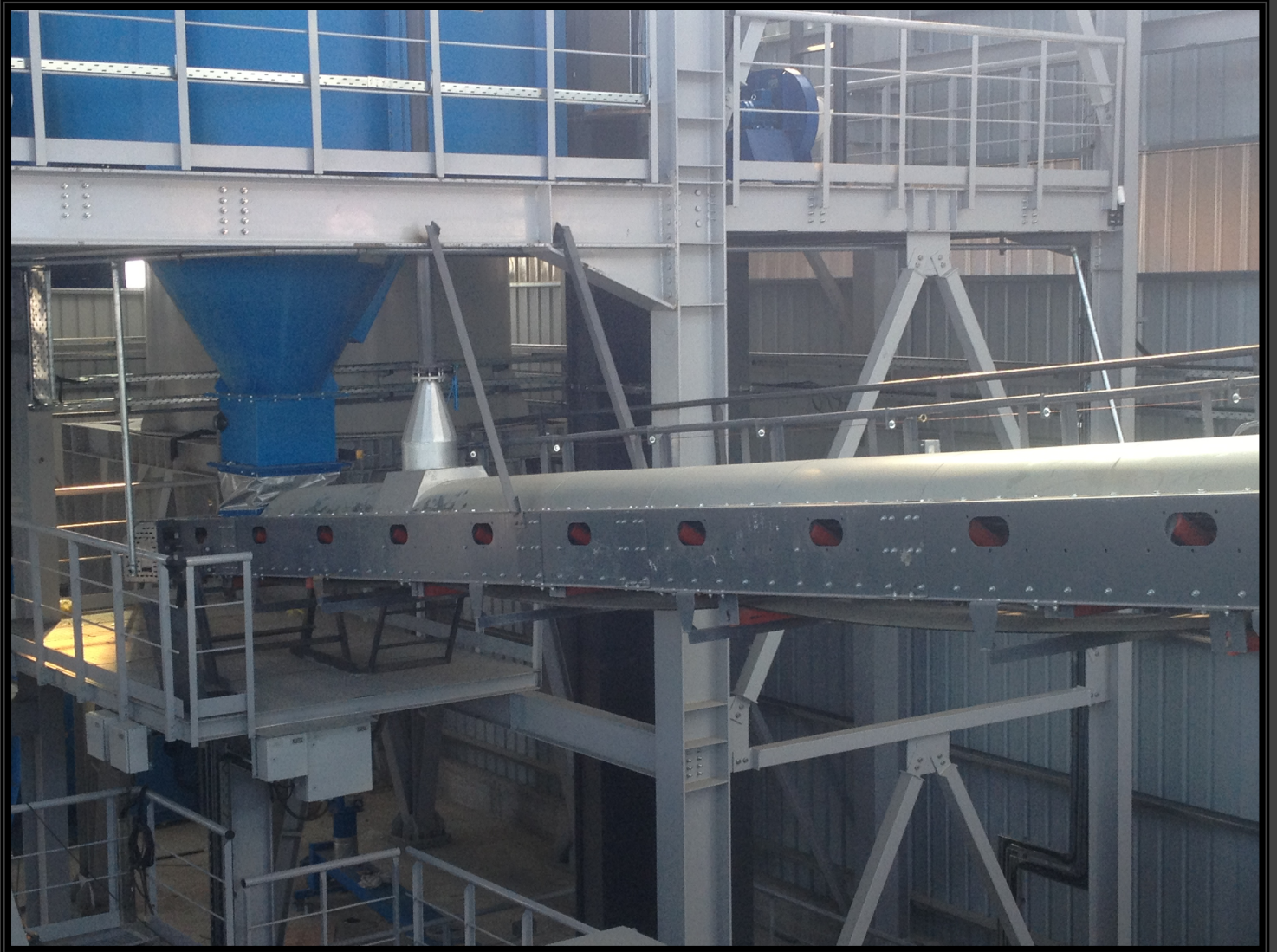
1000 tn/h Basalt Quarry



Greece / Komotini

100 tn/h Limestone Quarry





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