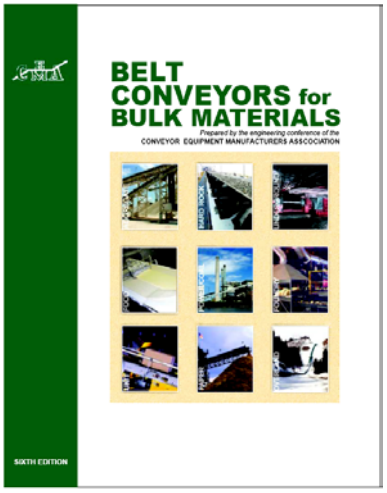
CEMA's Sixth Edition - Belt Conveyors for Bulk Materials
(The Belt Book)



History:

1st Edition 1966 - 331 Pages
5th Edition 1997 - 430 Pages $150.00
6th Edition 2005 - 599 Pages $300.00

600 New Figures

Totally Re-written and/or reorganized.

Two New Chapters

Chapter 15 – Takeups
Chapter 16 – Emerging Technologies

Three Classes of Conveyors & Power Calculations: (Chapter 6)

Belt Tension Calculations for Basic Conveyors (DIN Method)
Belt Tension Calculations for Standard Conveyors (CEMA Historical Method)
Belt Tension Calculations for Universal Conveyors
(Any Conveyor Configuration or Length with an accuracy of 110% ±10%)

Fifth and Sixth Edition Chapter and Page Comparisons

Chapter	Fifth Edition - 1997		Sixth Edition - 2005	
	Chapters and Subjects	**Pages**	**Chapters and Subjects**	**Pages**
1	Belt Conveyor General Applications and Economics	18	Belt Conveyor General Applications and Economics	15
2	Design Considerations	9	Design Considerations	27
3	Characteristics and Conveyability of Bulk Materials	15	Characteristics and Conveyability of Bulk Materials	7
4	Capacities, Belt Widths, and Speeds	9	Capacities, Belt Widths, and Speeds	11
5	Belt Conveyor Idlers	29	Belt Conveyor Idlers	25
6	Tension, Power, and Drive Engineering	111	Belt Tension and Power Engineering	93
7	Belt Selection	27	Belt Selection	25
8	Pulleys and Shafts	15	Pulleys and Shafts	21
9	Vertical Curves	17	Curves	17
10	A Guide to Steep Angle Conveying	19	Steep Angle Conveying	45
11	Belt Takeups, Cleaners, and Accessories	21	Belt Cleaners and Accessories	35
12	Conveyor Loading and Discharge	41	Transfer Points	75
13	Conveyor Motor Drives and Controls	35	Conveyor Motor Drives and Controls	47
14	Operation, Maintenance, and Safety	8	Operation, Maintenance, and Safety	11
15			Belt Takeups	11
16			Emerging Technologies	25
Appendix				
A	Guide for use of SI (Metric) Units	11	SI (Metric Units)	4
B	Nomenclature	5	Nomenclature (By Chapter)	13
C	Belt Tension to Rotate Pulleys	2	CEMA Standard Historical Method Kx and Ky Factors	9
D	Conveyor Installation Standards	12	Conveyor Installation Standards	13
E			Belt Conveyor Idler Roll Ai' Test Procedure	6
F			Belt Conveyor Idler Roll Kis' Test Procedure	6