

CH402 CHEMICAL ENGINEERING PROCESS DESIGN

Lesson 6: Handling Solids

Read: Pages 560-586

Problems: 12-15 (Problem Set 3)

Objectives (Cadets will be able to):

1. Qualitatively describe the attributes of the different types of conveyors and size-reduction equipment.
2. Determine the power requirements for screw, belt, and pneumatic conveyors.
3. Determine the cost of solids-handling equipment.

Definitions:

Pneumatic conveyor, belt conveyor, screw conveyor, ball mill

Cadet Notes: