The Analysis Of Different Length And Efficiency Loading To Power Screw And Axial Force Screw Conveyor Double Direction

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ABSTRACT
Screw Conveyor, it has become one of the most useful mechanism for transport and distribution, with screw principal. One advantage from this type of conveyor is a simply design. Transferred material confined for bulk material.

For capacity needed, while screw conveyor turned in one operation speed, variation of pitch length screw influence to power of screw conveyor. In this final examination, analyze influence length of pitch screw conveyor to power screw conveyor needed.

This analyze do, to get the diameter of screw, maximum length one section of screw, pitch length for the optimal to get the optimum of power screw conveyor needed.

Key word : Screw Conveyor, Power screw conveyor, Diameter screw, Pitch Length