Guide to the Design, Selection, and Application of Screw Feeders

Description:
Guide to Design, Selection, and Application of Screw Feeders was initiated by the Department of Trade and Industry under the auspices of the British Materials Handling Board, who perceived a very real need for a practical guide to designing, selecting, and using screw feeders. It offers the reader clear and accessible advice whether seeking a standard screw feeder for a well-proven application, or designing from scratch for a new duty where no prior experience can be drawn upon for performance verification.

Screw feeders today play an increasingly important role in the drive towards improved quality, reduced costs, increased capacity, better working conditions, and flexibility in solids processing. Solids feeding operations are a key industrial activity, but are renowned for operating difficulties that are quite unrelated to the capital cost of the equipment. Accurate, reliable performance of gravimetric feeders can both improve the quality and consistency of a product through close control of ingredient materials and offer impressive savings through reduction of 'give-away' or 'over-delivery' of product of filling machines.

- Clear and well structured
- Has international appeal
- Practical – drawn from experience
- Well illustrated
- Offers solutions to real problems

This Guide offers invaluable information to industrial companies that process and handle bulk materials and to equipment manufacturers – including design and process engineers, plant and production managers, and maintenance engineers who are seeking to optimize performance of production plant.

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