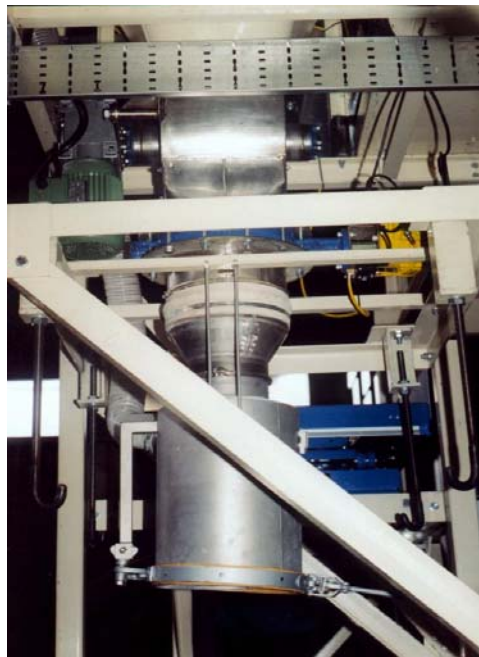




Process Systems: Pneumatic Conveying, Powder Storage, Powder Discharge & Weighing, Slurry Make Up & Handling

BIG BAG FILLING SYSTEMS



Aptech's range of Big Bag Filling Systems provides a dust free method of filling big bags with powder and granular materials. The modular design allows the system to be adapted and tailored to suit specific applications. Options Available: Adjustable height frame to accommodate different bag sizes/adjustable height filling head - controlled with manual hand winch or electric winch; Inflation grip/bellows for holding bag spout/inliner instead of manual clamp; Dust filtration; Blower for bag inliner inflation; Load cells/weigh platform for bag weighing; Automatic feed transfer for bags; Carousel & multiple bag stations; Bag loops supported by pneumatic fingers for quick release instead of hooks; Rear finger hooks with forward traverse; Vibrating table for product settlement/compaction; Air cushions to isolate vibration during weighing; Special "Poker" vibrator automatically inserted into bag for quick compaction; PLC weighing systems and EC approval & verification for trade use; Hazardous area Ex rated equipment; Roller conveyors & pallet magazine.

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BIG BAG FILLING SYSTEMS



Twin FIBC filling station for pharmaceutical use in a continuous filling operation, controlled by an automated PLC control system. Bags mounted on weigh platforms for accurate filling control. System built to FDA requirements. Photos above show: bag inflation grip un-inflated (left), inflated (right). Photo top: system ready for use. Bags inflated with dried filtered air for Hygienic requirements. Special CIP system for automated cleaning.

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