

AKO UK Launch New Aeration System

AKO UK have launched a new Aerator/Vibratory system to enhance the flow of dry solids from hoppers, bins and silos. AKO UK have launched a new Aerator/Vibratory system to enhance the flow of dry solids from hoppers, bins and silos.

The aerators were originally launched in 2001 but due to the success, and to stay ahead of the competition the product has now been improved.

Instead of having different types of aerator in the range, there is now one specification for all applications. The housing and lock nut are stainless steel 316, and the pad is white neoprene which is a fully FDA approved material. Having only one specification allows AKO to carry more stock enabling us to supply large quantities from ex stock, as well as keeping the prices low, due to increased production.

Other improvements include; lower profile, a smooth pad surface to encourage product flow and a higher temperature rating (300degf).

The wide range of applications include; Alumina, Ash, Barlite, Bentonite, Cement, Carbon Black, Clay, Calcium Carbonate, Corn, Cement Clinker, Dust, Fly Ash, Fertilizer, Flour, Gypsum, Lime, Perlite, PVC Resin, Potash, Salt, Sand, Soda Ash, Sugar, Soup Powder…..and may more.

The AKO aerators have now solved a common problem for many companies. On a recent high profile job for a large cement manufacturer, the pads have been fitted to silos, silo shoots to the screw conveyors and in the dust plants.

The aerator pads are fitted inside the lower walls of the container. Pressurised air is applied to the outside of the pads, causing vibration and a deliberate leakage of air that is imparted to the bulk powder/granule product, which in turn leads to uninterrupted full flow of product through the discharge valve.

AKO UK's SureFlo vibrators promote more product fluidisation than other rubber competitors. In addition, the system can operate from 5PSI to 60PSI, so is equally compatible with both high pressure/low volume blowers or low pressure/high volume compressors. The vibrator housings have greater open areas, giving increased airflow and higher levels of vibration to prevent the product from adhering to the container wall.

The simple system ensures no more blocking or rat holes. The AKO Aeration Pad will economically solve these and other common material flow problems, ensuring a plant keeps production to a maximum.