

GKM Flat Deck Screener Provides Essential Nutrients to Cows

Correct nutrition is essential to cows and all ruminants. This is achieved with appropriate levels of mineral supplements in their feed. Minerals are particularly important because they help in the performance and overall health of the animal. This positive effect improves immune response resulting in fewer veterinary treatments and retreatments. It also improves animal growth and feed consumption, developing healthier, less stressed animals.



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Mineral supplements can be administered by three different methods to the ruminant's diet. Free choice, where the animal consumes the minerals from buckets or lick blocks near grazing areas, premixed feed where the minerals are mixed into the feed, or the method of choice, top dressing. Top dressing ensures a controlled dose of the minerals by adding the supplement to the feed immediately before consumption. It is similar to humans salting their food before a meal. This ensures controlled dosing of the minerals and eliminates the problem of small mineral particles falling to the bottom of the feed which often occurs in the premixed feed.

Having trouble maintaining consistent particle size of its mineral formulas, an international animal mineral supplement manufacturer contacted Kemutec for a solution. They needed a method to separate oversize particles from the supplement while reducing fines (dust) from the product. This was especially important because the dust often causes a gumming issue for the ruminants and impedes the digestion process.

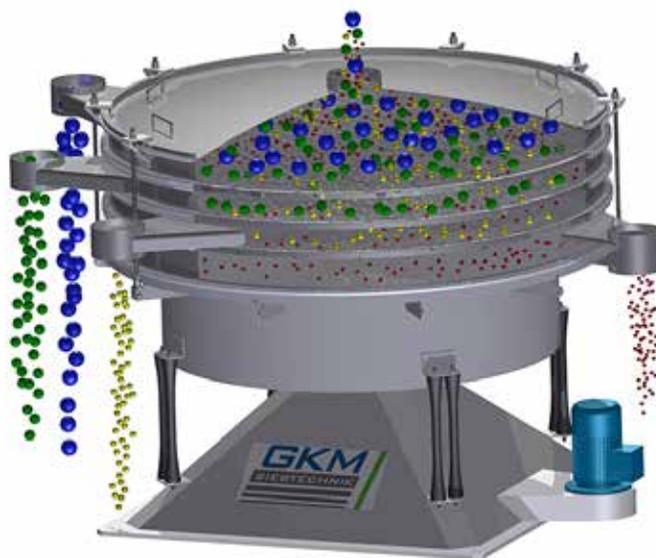
GKM Ultimate Tumbler Screener dedusts the minerals reducing fines and gumming issue

Kemutec provided a solution with a 4-deck GKM Ultimate Tumbler Screener. The GKM Ultimate Tumbler Screener provided controlled screening, multi-deck classification, and dedusting of the mineral supplement. It is particularly suitable for this application because the minerals are often lightweight, which are difficult to screen and the

three-dimensional screen movement facilitates no dead corners and complete screening capability with maximum efficiency.

The GKM Screening action separated the oversize particles on the top two decks, the ideal, marketable particles to the third deck and the fines (dust) to the bottom deck. By providing the four separations and eliminating the fines (dust), the gumming issue was also significantly reduced therefore providing an optimal mineral supplement for cows and other ruminants.

For more information on GKM Tumbler Screeners contact Kemutec at 215 788-8013 Sales@KemutecUSA.com or www.KemutecUSA.com



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Kemutec supplies Kek brand Sifters and Mills, PPS Air Classifier Mills, Gardner Mixers and Blenders and Mucon Valves and Discharge Aids.