

Bedmax Shavings

Bedmax initially began producing for the racing industry, in response to the growing understanding that bedding was often the worst source of airborne dust and spores that can do so much damage to horses in stables. In their research we also discovered that many other areas of equine health and welfare can be affected by bedding. Today they have three production plants making over two million bags a year for thousands of loyal customers in the UK and their growing export markets. Their vision is to offer horse owners a bedding of the highest quality, performance and value, that helps meet all the health and welfare issues in the stable.

With high quality product and health & welfare at the forefront of their company goal, they contacted Aagaard UK for a solution to provide a bespoke dust extraction system on several sites that could handle the dust created from the production to provide a clean working environment for the employees whilst removing dust from the shavings.

The solution Aagaard UK provided for the Caunton site included an AKF 3+1DAK XL containing 244.50sq m of tubular filter bags. The system extracts from a rotating screen that was introduced to take out the dust out of the shavings. The material is feed onto the rotating perforated screen, the shavings rotate over the screen, while air is drawn from inside the drum taking away any fine dust through the perforated drum. The drum connects to the filter inlet with the AVD 30HF/180 22kw 4 pole direct driven fan on the clean side of the filter. The waste from the filter feeds into an Aagaard screw conveyor and into a chip conveyor. From the chip conveyor it is fed into a Briquette machine.

Richard Hunt, Factory Manager of Bedmax Shavings commented on the installation – “The extraction system does exactly what we wanted it to, collecting dust from the shavings and taking out to the filter safely. The team at Aagaard UK were everything you could ask for on site and worked quickly and effectively, great service all round”



HIGH-END DUST HANDLING SOLUTIONS & SURFACE TREATMENT

FILTERS - FANS - DUCTING - SILOS - OUTFEEDERS - CONVEYERS - TRUCKLOADERS - CYCLONES - FINISHING LINES