



## High reliability for a failure-free operation

### The task

The process of spring end grinding causes the emission of fine dust, which is not avoidable even with the presence of the state-of-the-art machinery. The capture, extraction and separation processes involved in production are regulated for operational and occupational safety and environmental protection reasons.

The handling of fine dust is often further complicated by presenting health hazards, as their toxic and carcinogenic nature makes the dust hazardous to human health.

An effective exhaust system has to fulfill these high demands so that technical regulations TRGS 900 are met.



Grinding process

### Our solution

Keller has lengthy experience and extensive knowledge of the extraction and separation of very fine dust emissions. Our technology is well-proven in a variety of different situations. The modular concept of our components allows us to individually customize our system to find the right solution for your requirements.

Dry separator VARIO including "backpack" is specifically developed for spring end grinding and the high mechanic load. It is equipped with continuous compressed air pulse cleaning and Y-filter with a very high efficiency for a constant operational safety.



Dry separator VARIO especially developed for spring end grinding

# Dust collection for the spring end grinding industry



## Reference installations



Dust Collectors are integrated in the production process



Central filter systems for several processing machines



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