



Walzengießerei Coswig, Saxony

Foundry in Saxony: Service for 23 separators in the company

Walzengießerei Coswig GmbH is a modern foundry with a successful tradition that relies on Keller Lufttechnik for the maintenance of their various separation systems. Jürgen Friedrich, Technical Manager at Walzengießerei Coswig speaking about the cooperation with Keller Lufttechnik.

Steel rolls for the manufacture of rails, pressure and plunger pistons, mold castings for the printing machine industry and for wind energy plants, millwrighting and machine engineering: Walzengießerei Coswig, part of DISAG Holding, specializes in the production of such steel components. The products are shipped throughout the world: "250 employees manufacture the required components based on customer requests", explains Jürgen Friedrich, Technical Manager.

Almost 20 years of cooperation with Keller Lufttechnik

The business relationship between the 100 year-old Saxon company and Keller began in 1994. "At that time we reorganized our entire production and purchased new machines", remembers Friedrich, who has been employed for 36 years. "We needed suitable filters for the new melting and molding

systems and contacted Keller." In 2009 the company expanded production and additional melting systems, and corresponding separators were added. Twelve of today's 26 filter systems were designed by Keller Lufttechnik.

Maintenance contract includes 23 filter systems inside the company

"We have had a maintenance agreement with Keller Lufttechnik since 1997, which includes 23 air pollution control systems", informs the Production Manager. "We have a contact at Keller which is convenient for us and facilitates the coordination." It's always the same contact, Mr. Andre Beyer, who travels to Coswig annually for an entire week. He knows exactly where the systems are located and understands their weak points over the years", explains Friederich. The maintenance visit is always during the annual maintenance period. "Our production shuts down for 14 days, while most of the colleagues are on holiday. This is the most labor-intensive time for us", mentions Friedrich. "We inspect the systems carefully and undertake all substantial repairs."



Specialized production of steel parts.

Perfect maintenance ensures superior system reliability

The system reliability is very high because of regular maintenance. "I cannot remember any unexpected downtimes", says Friedrich. That is fortunate, since the filtration technology is essential for production. "Without proper extraction, the production process would come to a standstill. We must extract substantial air volumes at the melting and unpacking processes. We estimate 49.000m³/h at the largest Keller system.

"It is important that our production is environmentally-friendly. Keller Lufttechnik contributes to this goal", "

Jürgen Friedrich, Technical Manager at Walzengießerei Coswig

DustTrak measurement provides eco-friendly operation

DustTrak measurements, which compute the dust content in the cleaned air, are very beneficial, mentions Friedrich. In some systems, the air is adequately clean for recirculation into the workplace. At other systems, it is vented outdoors. "In both cases, we must verify to the German TÜV that the residual dust content does not exceed the limit values", explains Friedrich. In previous years, this was accomplished by a visual inspection of the clean air room. Provided that the area was not contaminated and the measurement of the air flow did not raise any concerns in the system, it was assumed that the limit values were adhered to. "Today we can ascertain this with confidence", according to Friederich. The maintenance agreement with Keller Lufttechnik also confirms to the German TÜV that Walzengießerei Coswig takes system maintenance very seriously. As far back as 2005 the company demonstrated with their voluntary certification according to DIN EN ISO 14001 that it is vital for them to fundamentally reduce environmental pollution.

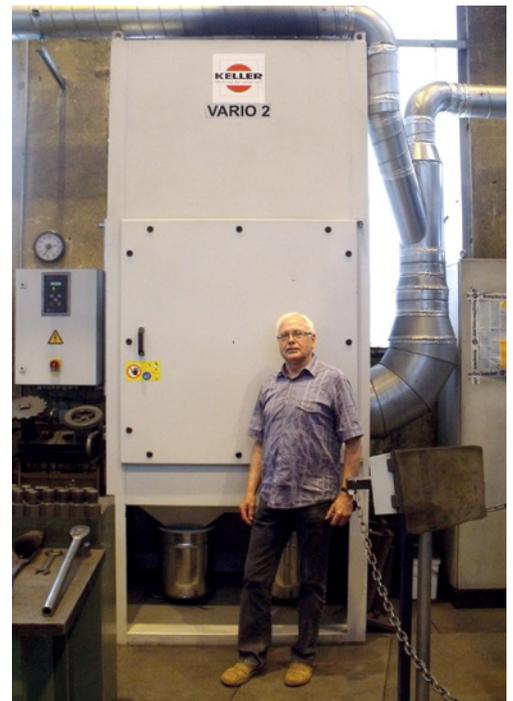
Customer benefits from optimized processes

Since last year, Friedrich has benefited from Keller service upgrades. Andre Beyer now arrives with his laptop and generates test reports on site. They are instantly available in printed form", informs the customer. "Quotations for possible new spare parts are on my desk in a timely fashion, which I appreciate. Our maintenance staff is busy with the processing of the punch list and relies on adequate information, as well as the quick delivery of required parts." <

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Jürgen Friederich in front of a dust extraction system.