

## COMPACT FILTERS FOR CEMENT BLENDING PLANT



Scheuch was commissioned by Doubrava Ges.m.b.H. & Co.KG to deliver all of the dedusting technology for the new cement blending plant of Gmundner Zement Produktions- und Handels GmbH.



*IMPULS Compact filter rated at 1,700 m<sup>3</sup>/h for silo air extraction.*

### PROJECT SCOPE:

Planning and installation of all dedusting equipment for air extraction systems in silo, scales, mix containers, pressure vessels and dedusting systems for additive containers, mixers, bulk loading systems and finished product silos.



*The IMPULS Compact filters are pre-assembled and delivered ready for connection.*



*The IMPULS Compact filter program covers the performance range from 200 to 30,000 Am<sup>3</sup>/h.*

### SOLUTION:

The installation comprises a total of 25 IMPULS Compact filter units with capacities ranging from 200 to 1,700 Am<sup>3</sup>/h. These compact filter will be pre-assembled in the plant where they are manufactured, equipped with filtration hoses and filter cartridges, and then delivered with all pneumatic and electrical components ready for connection. Because of their large-volume valves and patented IMPULS cleaning system, these units deliver convincing performance with low operating costs and are also virtually maintenance free. Depending on requirements, radial fans and vent silencers can be integrated into these solutions.

### **CONCLUSION:**

In the case of so-called auxiliary equipment - as used in the crushing and grinding of raw materials, and also in transport, packaging and storage - significant quantities of dust are also produced and filtration equipment for these applications must be selected and coordinated just as carefully as in other applications. The trend here is towards decentralized, compact dedusting solutions installed directly at the emission source.

For applications like these, Scheuch offers a complete, proven and finely tuned filter program for volume flows ranging from 200 to 30,000 Am<sup>3</sup>/h. Depending on the available space and volume flow, filter bags can be installed vertically or horizontally, and filter cartridges can also be used.

### **COMMISSIONED BY:**

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