

## Dedusting project

### BKF loading system in a foundry

Waste foundry sand is conveyed from a silo via a screw conveyor to the INFA-POWTRON loading system and from there filled into a closed silo truck. The INFA-POWTRON loading system enables this process to be dustfree by sucking the dust containing air out of the truck through the double-walled loading bellow. The dust is then separated at the filter elements of the BKF. The filter elements are continuously cleaned from the accumulated dust in order to keep an optimum suction performance of the fan.

#### Technical data

Filter type		BKF 10 P-S
Fan speed	[m <sup>3</sup> /h]	825
Filter area	[m <sup>2</sup> ]	10
Filter material		Polyester fleece
Filling level indicator		Rotary wing
Slack rope switch		2 pieces, automatic lowering of the cone during loading
Loading capacity	[tons/h]	max. 400

