



INTAKE PIT DUST ASPIRATION SYSTEM

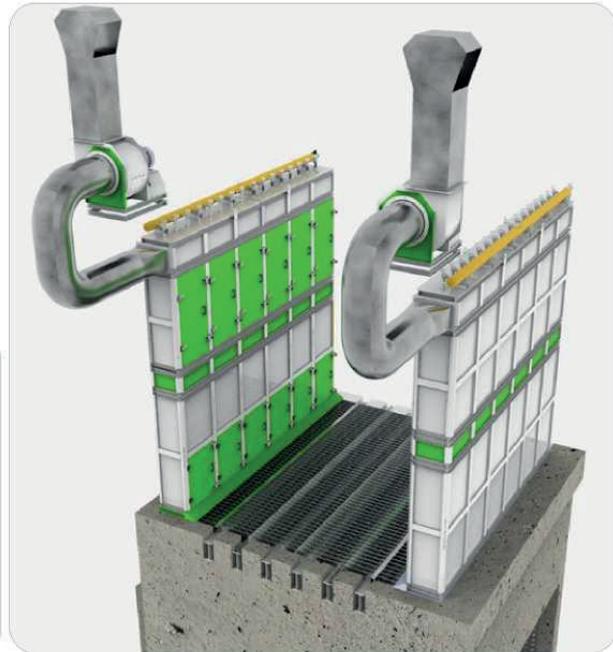
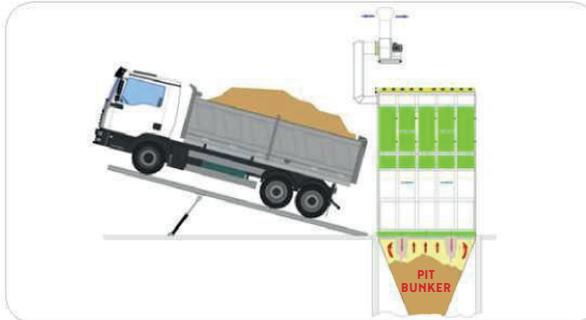
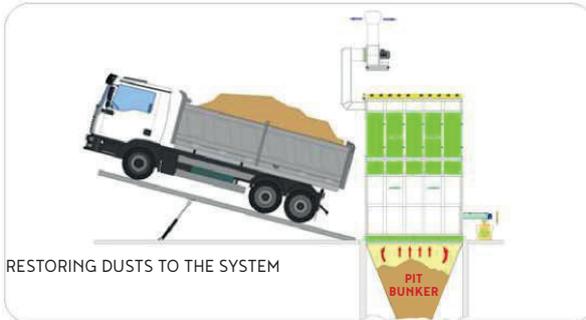
ALTINBILEK Intake Pit Dust Aspiration Systems is designed to prevent the dust and its particles that rise while vehicles are being loaded from harming the environment. Maximum efficiency is provided in this system by the help of minimum energy consumption.

The dust that emerges during the product flow to the pit bunker is drawn into the unit with the help of the fans in the system. Dust particles in the air drawn into the unit adhere to the cartridge filter and thus the air is cleaned. Clean air is emitted at the emission rate in accordance with environmental legislation. The accumulated dust particles, on the other hand, are separated from the filter cartridges by compressed air delivered at regular intervals from the upper air tank and fall down. The falling dust is either restored to the system by being dumped in the pit bunker or removed from the system via spiral conveyors.

FEATURES

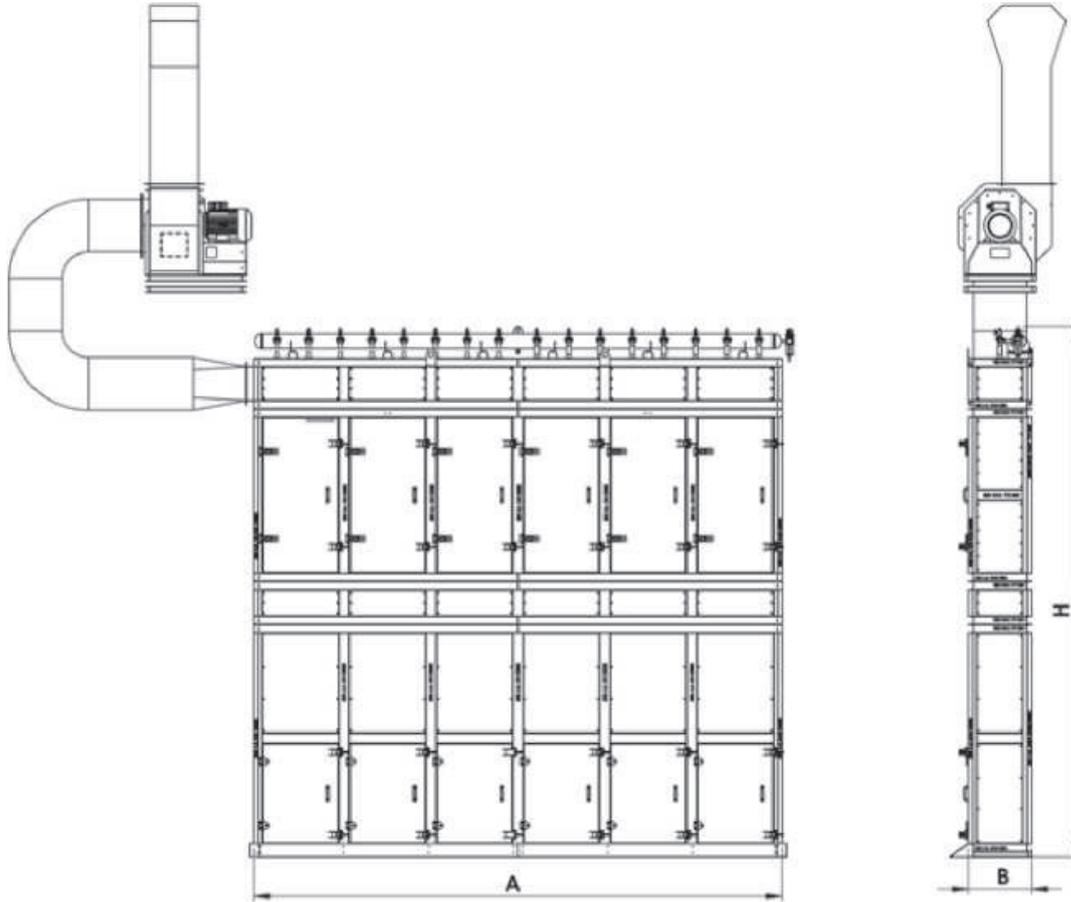
- Maximum dust absorption with high air velocity ratio.
- Low emission and high dust holding efficiency with Cartridge Filter System
- Ergonomic design due to cartridge filter
- Bolted joint and easy assembly
- Intervention maintenance covers for easy access to all in-unit equipment
- Low energy consumption with optimized filter air permeability rate
- Easily replaceable cartridge filters
- Highly efficient fan
- Plc timer controlled pulse valves
- Differential pressure transducer with digital proportional output
- Filter pollution warning tracking with LED display indicator
- Communication with facility control center through PLC connection
- Plastic bladed airlock
- Atex Zone-21 Compatibility (Optional)

Configurations





CAPACITY AND DIMENSIONS



MODEL	Flow rate (m ³ /h)	Fan Motor Power	Filter Area (m ²)	Length A (mm)	Width B (mm)	Height H (mm)
TJF-3	10	7,5 kW	80	3000	600	4500
TJF-4	12	11 kW	120	4000	600	4565
TJF-5	18	15 kW	160	5000	600	5023



WITH DUST ASPIRATION SYSTEM



WITHOUT DUST ASPIRATION SYSTEM