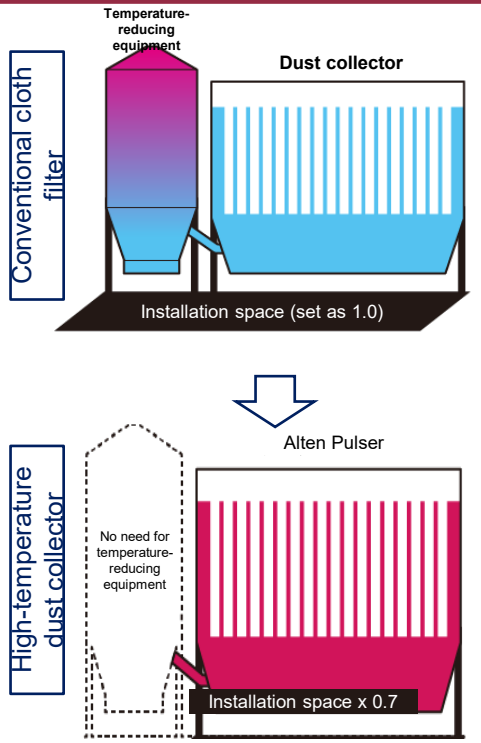
High-Temperature Dust Collector : Alten Pulser

R&D | FS/Demo | **Product/ Service**

Nihon Spindle Manufacturing Co., Ltd.

- Alten Pulser is an **energy-saving high-temperature dust collector (350°C) that eliminates the need for temperature-reducing equipment**. This product is expected to find applications in various industries, including production plants, biomass power generation, wastewater sludge incineration, gasification plants, and industrial waste incineration.
- Traditionally, dust collection from high-temperature exhaust gases required lowering the temperature due to limitations of filter cloths. However, as awareness of decarbonization grows, the need for high-temperature dust collection is increasing.
- Supports powder recovery and dust collection at high temperatures. Additionally, it can handle a wide range of applications, from environmental dust collection to corrosive gases.
- Recovering heat from clean, high-temperature gas after dust collection improves energy recovery efficiency and contributes to a reduction in CO_2 emissions.



Can collect dust from gases at 250°C or higher, which conventional cloth filters cannot handle!
Alten Pulser does not require temperature-reducing equipment!

Carbon Neutral Contribution points

- ✓ **No need for preparing for temperature-reducing equipment (leading to energy conservation)**
- ✓ **Improved energy recovery rate**

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