

## Long Bag Dust Removal Technology through Compressed Air Injection Device (CK Injector)

<b>New Technology</b>	Long Bag Dust Removal Technology through Compressed Air Injection Device (CK Injector)	<b>Certificate</b>	GT-16-00062
<b>Model Name</b>	-	<b>Application Part</b>	Atmosphere
<b>Company</b>	CK World Co., Ltd	<b>Telephone</b>	+82-31-733-3898
<b>Homepage</b>	-	<b>E-mail</b>	-

### 1. Outline

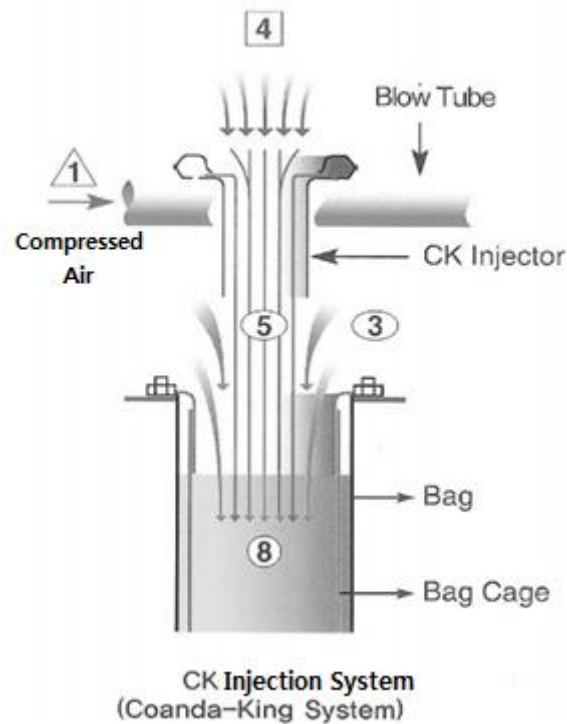
- Technology to clean the dust attached to filters by using compressed air injection device

### 2. Characteristic

- Removing by injecting strong air so that the filtered substances do not interfere with the function of filters.
  - Possible to effectively remove dust in filters by amplifying compressed air
  - Preventing the clogging of filters caused by the accumulation of dust
  - Amplifying the replacement cycle of performance bag filters for more than twice through the powerful injection system
  - Possible to remove even the dust attached to 10m-long blow tubes
- Improving air pollutant dust collection efficiency by improving the efficiency of bag filters
  - Increasing the economic benefits by lengthening the replacement cycle of bag filters

\*Bag filter is a bag-shaped industrial filter that filters dust and foreign matter generated during the manufacturing processes of production plants.
- Possible to apply to cement, sugar, coffee, feed, and flour production process

### 3. Introduction



[Figure1] Technological Principle

### 4. Application

- Field of application: Atmosphere
- Development stage: Development completed
- Technology coverage
  - collecting facilities (cement manufacturing processes, sugar manufacturing processes, coffee manufacturing processes, feed production processes, and wheat flour manufacturing processes)
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