

BLM series Pulse Dust Collector

Application and function

The equipment is widely used in the fields of grain processing, metallurgy, chemical industry, miner, medicine, wood industry, etc.

Remove the dust and light sundries in the air and discharge clean air.

Main technical parameters

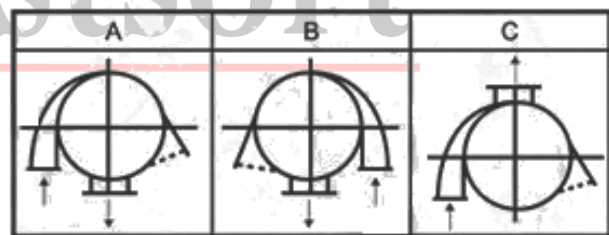
Parameter \ Type	BLM-52			BLM-78		
	b	a	c	b	a	c
Filter area(m ²)	35	39	47	53	59	70.5
Number of filter bag	52			78		
Length of the filter bag(mm)	1800	2000	2400	1800	2000	2400
Filter bag air volume(m ³ /h)	6350-8450	7000-9400	8450-11250	9500-12000	10500-14000	12500-16800
Power(kW)	1.1+1.1			1.1+1.1		

Type Meanings

TBLM-52b-A



Mounting Form



Principle and applicability

Pulse dust collector is a new type of high efficiency pulse dust collector improved on the basis of bag dust collector.

The working principle: after entering the ash hopper, the air will fold up and pass through the filter bag with metal framework inside, the dust will be collected on the outer surface of the filter bag, and the purified air will be collected to the air outlet for discharge. After a period of time, the pulse controller will trigger each control valve in sequence to open the pulse valve

and spray the compressed air into each corresponding filter bag. The filter bag expands rapidly in an instant, so that the dust accumulated on the surface of the filter bag falls off and the dust is removed automatically. Dust falls on the bottom plate and enters the rotary discharge valve through the action of scraper. The rotary discharge valve rotates continuously to discharge dust.

Pulse dust remover has strong dust removal ability, high dust removal efficiency, high degree of automation, low emission concentration, small air leakage rate and low energy consumption.

It is suitable for occasions with high environmental requirements and large dust content.

Technical advantages

1. Automatic ash discharge, strong ash removal ability;
2. Adopt the technology of stopping air in different rooms and cleaning ash by pulse spraying, the shortcomings of conventional pulse dust remover and chamber back blowing dust remover are overcome, with strong dust removal ability and high dust removal efficiency;
3. Due to the use of chamber to stop the air, pulse blowing to clean the ash, once blowing can achieve the thorough cleaning, so the cleaning cycle is extended and the energy consumption of cleaning is reduced;
4. The inlet and outlet air ducts are arranged compactly, and the air flow resistance is small.