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Bag Type Dust Collector

Bag Dust Collector For Foundry Plant



Bag Dust Collector is a dry dust filter facility filtering dust-contained gas with adoption of fiber-fabric filtering effect.

Bag Dust Collector for Foundry Plant

Qingdao Bestech Machinery offer pulse jet bag dust collectors which is ideally suited for dust extraction from returning sand of foundry plant.

This pulse jet bag dust collector is engineered to a specific pressure or vacuum.

These are used as dust collector for the purpose of removing dead sand and dust from returning sand at the time of cooling in cooler classifier.

Dust collectors contains number of bags covered on metallic cage the bags are made of PP Polyester, Aramid etc.

Type	Flow rate m3/h	Filter area m2	Filter speed m/min	Cleaning efficiency	emissions mg/m3
DMC60	4320~7560	60	1.2~2.1	95%	≤30-50
DMC80	5760~10080	80	1.2~2.1	95%	≤30-50
DMC100	7200~12600	100	1.2~2.1	95%	≤30-50
DMC120	8640~15120	120	1.2~2.1	95%	≤30-50
DMC140	10080~17640	140	1.2~2.1	95%	≤30-50
DMC160	11520~20160	160	1.2~2.1	95%	≤30-50
DMC180	12960~22680	180	1.2~2.1	95%	≤30-50

DMC200	14400~25200	200	1.2~2.1	95%	≤30-50
DMC220	15840~27720	220	1.2~2.1	95%	≤30-50
DMC240	17280~30240	240	1.2~2.1	95%	≤30-50
DMC260	18720~32760	260	1.2~2.1	95%	≤30-50
DMC280	20160~35280	280	1.2~2.1	95%	≤30-50

Bag Filter Dust Collector



DMC Bag filter dust collector: a small model of bag dust catcher, designed in basis of introducing many advantages of the same products, adopts advantages of the same products adopts advanced pulse blow technology

Structure description of Bag filter dust collector:

DMC Bag filter dust collector: a small model of bag dust catcher, designed in basis of introducing many advantages of the same products, adopts advantages of the same products adopts advanced pulse blow technology, which enables the machine to clear the Dust completely ,low resistance. The qualified spare parts ensure the high-efficiency of the dust cathcer. It still has other advantages of full automation ,high-efficirncy, easy maintenance.

Application of Bag filter dust collector:

It is suitable for machinery, rubber, flour,chemical, pharmaceutical, carbon, building materials, mining purifying the dusty gas and recycling materials. The machine is widely applied in metallurgy, construction materials, cement, machinery and other industries.

Type	Bag pulse dust collector
Efficiency	99.99%
Minimum Particle Size	0.5
Brand Name	BESTECH
Dimension(L*W*H)	Customized
Weight	1220kgs~3200kgs
Warranty	One Year
After-sales Service Provided	Overseas third-party support available
Color	Determined by customer
OEM	Yes
ODM	Yes

Electric Furnace Gas Dust Collector



Bag Dust Collector is a dry dust filter facility filtering dust-contained gas with adoption of fiber-fabric filtering effect.

Induction melting furnace fume dust collector :

Dust Collector is one system to filter the dust in Fume / gas.

Working Principle of induction melting furnace fume dust collector

Bag Dust Collector is a dry dust filter facility filtering dust-contained gas with adoption of fiber-fabric filtering effect.

After such dust-contained gas enters bag dust collector, dusts with large particles and large proportions will drop down and fall into ash bucket due to with gravity effect.

After gases with fine dusts will pass through filter material, such dust will be retained for making them purified.

Model	Air Capacity(m ³ /h)	Filtrate Air(m ²)	Wind Speed(m/s)	Filtering Bag specification(mm)	Filtering Quantity(Pcs)	Pulse Valve(Pcs)
DMC-25	1200-1920	20	1.0-1.6	φ130x2000	25	5
DMC-30	1500-2400	25	1.0-1.6	φ130x2000	32	5
DMC-36	1680-2680	28	1.0-1.6	φ130x2000	36	6
DMC-49	2340-3740	39	1.0-1.6	φ130x2000	49	7
DMC-64	3060-4896	51	1.0-1.6	φ130x2000	64	8
DMC-80*	12000-16800	80	2.5-3.5	φ130x2500	80	10

Pulse Jet Filter Bag House Dust Collector



Pulse Jet Filter Bag House Dust Collector is a kind of dry dust removal device, also known as the filter separator, it is to use fiber knitting bag filter element to capture the dust in the gas solid particles of dust removal device

Structure description of Pulse Jet Filter Bag House Dust Collector:

Pulse Jet Filter Bag House Dust Collector is a kind of dry dust removal device, also known as the filter separator, it is to use fiber knitting bag filter element to capture the dust in the gas solid particles of dust removal device, its action principle is the dust through the filter cloth fiber were intercepted by inertia effect contact with fiber, collected on the filter bag dust regularly by clearing the ash removal device and fall into ash hopper, and then through the ash system to draining out .

Model	filtering area(m ²)	air volume(m ³ /h)	filtering airspeed(m/min)	working resistance(Pa)	dust removing pressure(Mpa)
DMC-32	30	2880-4800	1.5-2.5	800-1800	0.4-0.6
DMC-48	48	4320-7200	1.5-2.5	800-1800	0.4-0.6
DMC-60	60	5400-9000	1.5-2.5	800-1800	0.4-0.6
DMC-72	72	6480-10800	1.5-2.5	800-1800	0.4-0.6
DMC-90	90	8100-13500	1.5-2.5	800-1800	0.4-0.6
DMC-120	120	10800-18000	1.5-2.5	800-1800	0.4-0.6
DMC-150	150	13000-22500	1.5-2.5	800-1800	0.4-0.6
DMC-180	180	16200-27000	1.5-2.5	800-1800	0.4-0.6
DMC-210	210	18900-31500	1.5-2.5	800-1800	0.4-0.6
DMC-250	250	22500-37500	1.5-2.5	800-1800	0.4-0.6
DMC-270	270	24300-40500	1.5-2.5	800-1800	0.4-0.6
DMC-300	300	27000-45000	1.5-2.5	800-1800	0.4-0.6
DMC-340	340	30400-51000	1.5-2.5	800-1800	0.4-0.6
DMC-420	420	37800-63000	1.5-2.5	800-1800	0.4-0.6
DMC-500	500	45000-75000	1.5-2.5	800-1800	0.4-0.6

DMC-600	600	54000-90000	1.5-2.5	800-1800	0.4-0.6
DMC-740	740	66600-111000	1.5-2.5	800-1800	0.4-0.6
DMC-870	870	78300-130500	1.5-2.5	800-1800	0.4-0.6
DMC-1000	1000	90000-150000	1.5-2.5	800-1800	0.4-0.6
DMC-1100	1100	99000-165000	1.5-2.5	800-1800	0.4-0.6

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