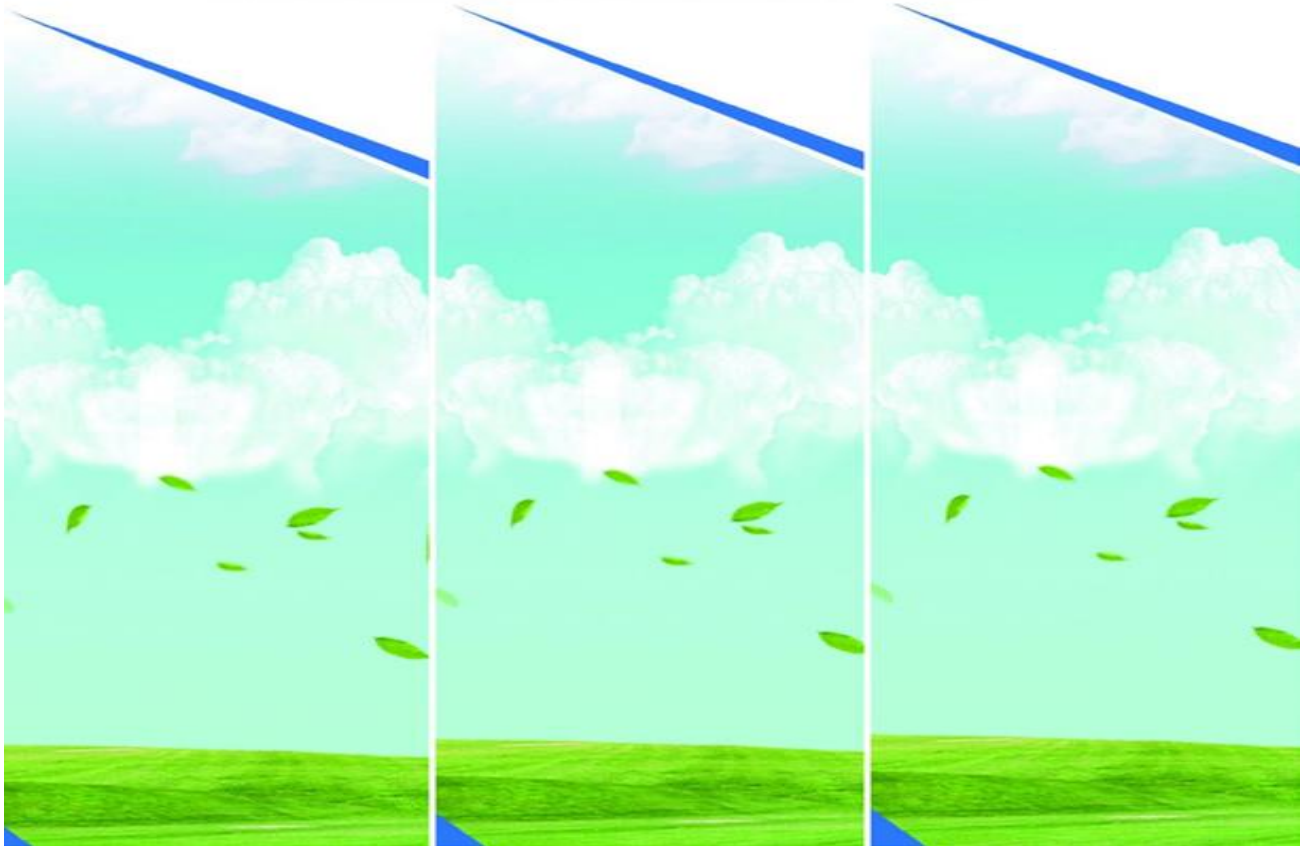
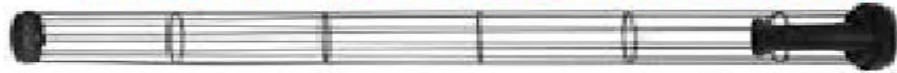




# The 'G' Engineers Group

FILTER CAGES PRODUCT CATALOGUE



## INTRODUCTION

'The 'G' Engineers Group' is a company which are focus on providing professional purification and filtration technology solutions . We bring to our clients a strong and durable range of Bag Cages that are immensely cost effective and light in weight. These are made up of either low carbon steel (bright basic wire), Galvanized low carbon steel, stainless steel grade 304 and 316 depending upon the clients' requirements.

## FEATURES

Longer Life, Easy To Handle, Easy to interchange, Light Weight, Cost Effective.

## APPLICATION AREA

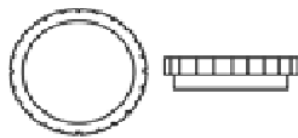
Cement industry, Steel industry, Utility & power industry, Pulp and paper industry, Food processing industry, Asphalt industry, Petrochemical industry, Pharmaceutical industry, General industry.

# FILTER CAGE TOPS, BOTTOMS, AND VENTURI

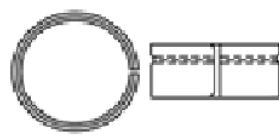
Top load cages are available with a T-flange, ring top, or several styles of rolled flange tops. Cage diameters range from 4" to 6 1/8". Common wire thickness ranges are 9 gauge, 10 gauge, and 11 gauge. Bottom load cages are constructed with a split collar or split ring top. Common cage diameters range from 4" to 6 1/8". Wire thickness ranges are 9 gauge, 10 gauge and 11 gauge.

For more efficient cleaning, venturis are available for all diameter cages. Venturis come in 3" to 6" lengths. Venturis are made in a variety of materials; aluminum, carbon steel, galvanized and stainless steel.

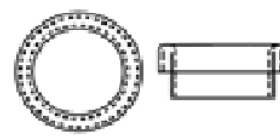
## CAGE TOPS



Slotted



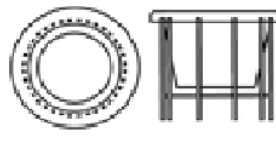
Roll Band



Roll Flange



All Wire



Collar Venturi

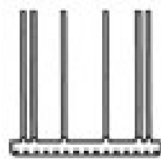


Split Ring

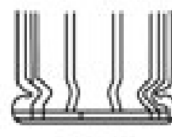
## CAGE BOTTOMS



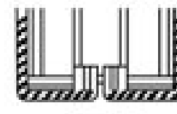
Welded Cup



Crimped Cup



Snap Cup



Wire Formed

## Round Filter Cages

We have different types with different materials of round dust collector filter cages, standard cage with top and bottom cap, filter cage with venturi, bended filter cage, star filter cage, one piece or multi pieces filter cages.



## Flat Filter Cages

Different styles of oval filter cages used in pulse jet bag filter. Used in cement industry, food industry...ect. Our bag cages are designed to the highest OEM specifications for virtually every pulse jet configuration.



## Split Filter Cages

Different styles of Split filter cages used in pulse jet bag house. Round cages there are Claw type connected, Rotating connected, Open ring type connected. Flat cage guiding plate connected, any split type cages you would find here.



## Spider Filter Cages

Spider filter cages used in pulse jet baghouse. New style of filter cage which extended filter area for filter bag dust collecting, increased efficiency. Different spider rings you could choose as requirements. We bring newest filtration products!



## Quality Control

SR NO	Stage	Characteristics checked	Method of check
<b>Raw Material.</b>			
1	Raw Material.	a)Surface Defects	Visual
		b)Dimensions	Measurement ( Vernier caliper / Measuring tape )
		c) Chemical & Mechanical properties.	Lab test if Mill T.C. not available.
<b>In Process</b>			
2	( a) Stiffening ring wire cutting & welding ) Inspection	a)Ring Welding & Finishing	Visual
		b)Ring Ovality.	Measurement
	b) Fitment of vertical wire & stiffner ring	a)Cage Frame Welding	Visual
		b) Ring Pitch	Measurement
		c)Top & Bottom Cap Parallality	Measurement
<b>Final Inspection.</b>			
3	a) Overall Workmanship	a)Weld Defects & Sharp Edges	Visual
	b) Assembly.	a)Dimensional.	Measurement
		b) Cage OD / Circumference	Measurement
		c)Straightness	Measurement
		d) Drop Test from 2 MTR Height	Visual
e) Load Test (30- 50 KG )	Visual		
<b>Painting</b>			
4	Painting	Paint Peel-Off or Lumps	Visual

### Requirement Parameter for Order Bag Cage

- Material
- Surface Treatment
- Cage Body Diameter
- Longitudinal wire quantity
- Longitudinal wire Diameter
- Length
- Rings Type .Pitch
- Junction Type
- Quantity
- Parts
- Packing Delivery Place



# INDUSTRIAL APPLICATION



Mining plant



Electronics plant



Steel Plant



chemical plant



Coking Plant



Asphalt Stir Plant



Waste incineration



power plant



Biomass power generation



Food factory



Cement plant



Metallurgy plant



## Our Client

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Masturlal Fabrichem  
The original filtration company



VT CORP  
ISO 9001:2008



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## The 'G' Engineers Group

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